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PG&E Letter DCL-07-104

U.S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, D.C. 20555-0001

Docket No. 50-323, OL-DPR-82  
Diablo Canyon Unit 2  
Steam Generator Tube Service-Induced Indications in Unit 2 Thirteenth  
Refueling Outage


Dear Commissioners and Staff:

Pacific Gas and Electric Company (PG&E) Diablo Canyon Letter (DCL) 06-100 dated August 18, 2006, provided the 2R13 90-day report for SG tube service-induced indications subject to alternate repair criteria (ARC). PG&E Letter DCL-06-129 dated November 17, 2006, provided the 2R13 180-day report to satisfy Technical Specification Task Force (TSTF) 449, Revision 4, reporting requirements. TSTF 449, Revision 4, requires reporting of: scope of inspections performed; active damage mechanisms found; nondestructive examination techniques used; location, orientation (if linear), and measured sizes (if available) of service-induced indications; total number and percentage of tubes plugged to date; and results of condition monitoring. The condition monitoring analysis in DCL-06-129 provided a discussion of the locations, orientations, and measured sizes of bounding non-ARC indications.

Based on discussions with the NRC Staff during October 2007, the NRC requested additional information. Per the NRC request, enclosed is a detailed list of all 2R13 service-induced indications, including location, orientation (if linear), and measured sizes of wear and thinning indications, along with identification of tubes that were plugged and the reason for tube plugging. Available measured sizes of linear indications are not included in this submittal since this information was previously submitted to the NRC in Letter DCL-06-100 (for ARC indications) and Letter DCL-06-129 (for non-ARC indications).

There are no new or revised regulatory commitments in this report. If you have any questions, please contact John Arhar at (805) 545-4629.

Sincerely,

  
Donna Jacobs *for Donna Jacobs*

A001

NER



ddm/469/A0660367

Enclosure

cc: Diablo Distribution  
cc/enc: Elmo E. Collins, NRC, Region IV  
Michael S. Peck, NRC, Senior Resident Inspector  
Alan B. Wang, NRR, Project Manager  
State of California, Pressure Vessel Unit

**SERVICE-INDUCED INDICATIONS IDENTIFIED IN  
UNIT 2 THIRTEENTH REFUELING OUTAGE**

## **Introduction**

Pacific Gas and Electric Company (PG&E) Diablo Canyon Letter (DCL) 06-100 dated August 18, 2006, provided the 2R13 90-day report for indications subject to alternate repair criteria (ARC). PG&E Letter DCL-06-129 dated November 17, 2006, provided the 2R13 180-day report to satisfy Technical Specification Task Force (TSTF) 449, Revision 4, reporting requirements. TSTF 449, Revision 4, requires reporting of: scope of inspections performed; active damage mechanisms found; nondestructive examination techniques used; location, orientation (if linear), and measured sizes (if available) of service induced indications; total number and percentage of tubes plugged to date; and results of condition monitoring. The condition monitoring analysis in DCL-06-129 provided a discussion of the locations, orientations, and measured sizes of bounding non-ARC indications.

Based on discussions with the NRC Staff in October 2007, NRC requested additional information. Per the NRC request, Table 1 of this Enclosure provides a detailed list of all 2R13 service induced indications, including location, orientation (if linear), and measured sizes of wear and thinning indications, along with identification of tubes that were plugged and the reason for tube plugging. Available measured sizes of linear indications are not included in Table 1 since this information was previously submitted to the NRC in Letter DCL-06-100 (for ARC indications) and Letter DCL-06-129 (for non-ARC indications).

Bobbin indications that were not confirmed by Plus Point are not reportable indications; however, these bobbin indications are included Table 1 for completeness. Historical free span indications that had eddy current signals traceable to preservice inspection data (e.g., manufacturing burnish mark) are not considered as reportable indications and are not included in Table 1.

Detected indications that are located in carbon steel tube support plates (TSP) (e.g., suspected TSP ligament indications) are not included in Table 1, as the indications are not contained in the tubing material.

**Abbreviations and Terms**

The following are definitions of abbreviations and terms that may be used in Table 1.

Abbreviation	Term Description
SG	Steam Generator (SG)
Row	Row
Col	Column
Ind	Indication
%TW (TWD)	Depth of volumetric indication as percent through-wall, associated with either cold leg thinning (CLT) at cold leg TSPs, or antivibration bar (AVB) wear in the U-bend region.
Volts	Amplitude response from eddy current coil
Loc	Location (or elevation) in SG
TSP (1H, 1C, ...)	Tube support plate. There are 7 TSPs, identified by number from bottom to top of SG followed by H (hot leg) or C (cold leg).
TSH	Top of tubesheet hot leg
TSC	Top of tubesheet cold leg
TEH	Tube end hot leg
Inch	Distance above or below the center line of the TSP or the top of tubesheet, inches
Deg	Phase angle, degree
Cal	Calibration group
Bobbin	Differential inside diameter coil probe
PP	Plus Point rotating probe
ID OD	Location of PP-confirmed crack-like linear indication on tube surface, either inside diameter (ID) or outside diameter (OD)
SAI	Single axial indication
SCI	Single circumferential indication
SVI	Single volumetric indication (not associated with cold leg thinning)
VOL	Volumetric indication (associated with cold leg thinning)
AONDB	Axial ODSCC not detected by bobbin coil
DIS	Distorted ID signal at a dented TSP intersection
DOS	Distorted OD signal at TSP intersection
FSI	Free span indication
DNI	Ding with possible indication
MBI	Manufacturing burnish mark indication
PLP	Potential loose part indication
PVN	Permeability variation

**Table 1**  
**Service Induced Indications Identified During 2R13**

SG	Row	Col	Ind	%TW	Volts	Loc	Inch	Deg	Probe	Cal	IDOD	Reason for Plugging
21	1	12	DIS		2.04	1C	0.19	13	Bobbin	4		
21	1	12	DIS		2.24	1H	0.21	15	Bobbin	5		
21	1	14	DIS		1.60	1C	0.23	14	Bobbin	4		
21	1	14	TWD	9	0.57	2C	-0.07	152	Bobbin	4		
21	1	17	DIS		2.14	1H	0.26	11	Bobbin	5		
21	1	22	DOS		0.22	1H	0.00	141	Bobbin	5		
21	1	22	DOS		0.41	3H	0.00	96	Bobbin	5		
21	1	23	DOS		0.43	1H	0.00	81	Bobbin	5		
21	1	23	DOS		0.83	5H	0.00	147	Bobbin	5		
21	1	23	DOS		1.03	7C	0.25	56	Bobbin	5		
21	1	30	SAI		0.34	2C	46.50	2	PP	73	OD	DING OD SAI @ 3C-3.68
21	1	31	DOS		0.59	6C	0.14	125	Bobbin	9		
21	1	32	DOS		0.60	6C	0.12	95	Bobbin	9		
21	1	32	DOS		0.81	6H	-0.14	99	Bobbin	5		
21	1	33	DOS		0.31	2H	0.02	60	Bobbin	5		
21	1	33	DOS		0.74	4C	0.14	86	Bobbin	9		
21	1	37	DOS		1.18	6H	0.07	75	Bobbin	5		
21	1	40	DOS		0.84	4C	0.09	73	Bobbin	14		
21	1	47	DOS		1.93	2H	0.00	99	Bobbin	5		
21	1	47	SAI		0.41	2H	0.04	76	PP	73	OD	
21	1	47	SAI		0.31	2H	0.03	85	PP	73	OD	
21	1	47	SAI		0.07	2H	-0.07	109	PP	73	OD	
21	1	56	DOS		0.73	1H	0.00	96	Bobbin	7		
21	1	59	DOS		0.76	1H	-0.05	101	Bobbin	7		
21	1	60	DOS		0.53	1H	-0.02	53	Bobbin	7		
21	2	1	TWD	9	0.58	2C	0.00	141	Bobbin	4		
21	2	1	DOS		0.58	5C	0.32	113	Bobbin	4		
21	2	2	TWD	32	2.32	2C	-0.20	121	Bobbin	3		
21	2	3	DOS		0.26	3H	-0.05	42	Bobbin	9		
21	2	4	TWD	11	0.67	3C	0.11	144	Bobbin	4		
21	2	9	DIS		1.20	1C	0.07	18	Bobbin	3		
21	2	10	DIS		1.07	1C	0.22	22	Bobbin	3		
21	2	10	DIS		0.47	2C	0.27	24	Bobbin	3		
21	2	17	DIS		1.72	1C	0.23	12	Bobbin	4		
21	2	24	DOS		0.38	5H	0.23	58	Bobbin	5		
21	2	26	DOS		0.24	2H	-0.07	72	Bobbin	4		
21	2	26	DOS		0.82	4H	0.10	66	Bobbin	4		
21	2	26	DOS		0.75	5H	0.10	136	Bobbin	4		
21	2	28	DOS		1.51	1H	0.05	60	Bobbin	5		
21	2	40	DOS		0.57	1H	0.00	75	Bobbin	4		
21	2	47	DIS		0.78	2H	0.00	21	Bobbin	4		
21	2	47	SAI		0.19	2H	-0.04	110	PP	42	OD	
21	2	55	DOS		0.21	1H	-0.12	119	Bobbin	7		
21	2	60	DOS		0.40	1H	-0.22	84	Bobbin	6		
21	2	61	DOS		0.30	1H	-0.02	77	Bobbin	7		
21	2	87	DOS		0.45	6C	0.21	70	Bobbin	13		
21	2	89	DOS		0.32	2H	-0.14	113	Bobbin	5		
21	2	94	TWD	5	0.33	2C	0.02	129	Bobbin	13		

**Table 1**  
**Service Induced Indications Identified During 2R13**

SG	Row	Col	Ind	%TW	Volts	Loc	Inch	Deg	Probe	Cal	IDOD	Reason for Plugging
21	3	1	TWD	36	2.77	2C	0.00	117	Bobbin	3		
21	3	3	DIS		3.45	3H	0.48	18	Bobbin	8		
21	3	4	TWD	12	0.74	2C	-0.09	150	Bobbin	4		
21	3	5	PVN		35.33	3H	0.50	19	Bobbin	8		
21	3	30	DOS		0.11	3H	-0.07	70	Bobbin	5		
21	3	40	DOS		1.05	1H	0.02	116	Bobbin	5		
21	3	73	DOS		0.44	3H	0.19	72	Bobbin	6		
21	3	73	DOS		0.33	5H	0.29	57	Bobbin	6		
21	3	84	DOS		0.64	4H	0.09	141	Bobbin	5		
21	3	86	DOS		0.51	3H	0.05	93	Bobbin	4		
21	3	86	DOS		0.64	6C	-0.02	83	Bobbin	13		
21	3	86	DOS		0.43	6H	-0.02	48	Bobbin	4		
21	3	87	DOS		0.42	6C	0.14	44	Bobbin	13		
21	4	1	TWD	11	0.70	2C	-0.04	139	Bobbin	3		
21	4	1	DOS		0.35	5C	0.26	118	Bobbin	3		
21	4	2	TWD	33	2.40	2C	-0.25	115	Bobbin	4		
21	4	3	TWD	28	1.98	2C	-0.07	126	Bobbin	3		
21	4	3	TWD	10	0.62	3C	-0.09	143	Bobbin	3		
21	4	9	DIS		0.77	6C	0.20	33	Bobbin	3		
21	4	32	DOS		1.88	1H	0.00	80	Bobbin	4		
21	4	32	SAI		1.60	1H	0.07	69	PP	78	OD	
21	4	32	DOS		0.56	2C	-0.05	125	Bobbin	9		
21	4	35	DOS		0.60	1H	0.07	92	Bobbin	5		
21	4	47	DOS		0.16	2H	-0.09	117	Bobbin	5		
21	4	48	DOS		0.39	1H	-0.07	115	Bobbin	4		
21	4	49	DOS		0.31	1H	-0.09	112	Bobbin	5		
21	4	54	DOS		0.33	1H	-0.05	83	Bobbin	28		
21	4	54	DOS		0.12	2H	-0.02	84	Bobbin	28		
21	4	71	DOS		0.30	5C	0.13	69	Bobbin	10		
21	4	88	DOS		0.72	5H	0.16	46	Bobbin	5		
21	4	94	TWD	29	2.05	1C	-0.11	116	Bobbin	13		
21	5	2	TWD	15	0.96	2C	0.00	133	Bobbin	3		
21	5	2	TWD	5	0.32	3C	-0.02	131	Bobbin	3		
21	5	3	TWD	6	0.34	2C	-0.09	148	Bobbin	37		
21	5	8	DOS		0.40	5H	0.22	132	Bobbin	8		
21	5	29	DOS		0.69	1H	-0.14	116	Bobbin	4		
21	5	32	DOS		0.43	3H	-0.07	36	Bobbin	4		
21	5	36	DOS		0.37	2H	0.00	105	Bobbin	4		
21	5	38	DOS		0.17	1H	0.05	96	Bobbin	4		
21	5	45	DOS		2.23	1H	0.00	83	Bobbin	4		DOS>2V & SAI-OD @ 1H
21	5	45	SAI		1.56	1H	0.04	70	PP	72	OD	DOS>2V & SAI-OD @ 1H
21	5	45	SAI		0.72	1H	0.13	80	PP	72	OD	DOS>2V & SAI-OD @ 1H
21	5	48	DOS		0.27	1H	0.07	82	Bobbin	4		
21	5	49	DOS		0.38	1H	-0.05	104	Bobbin	4		
21	5	50	DOS		0.36	1H	-0.02	112	Bobbin	6		
21	5	70	DOS		0.40	1H	0.12	124	Bobbin	6		
21	5	70	DOS		0.39	6C	0.20	115	Bobbin	10		
21	5	72	DOS		0.78	1H	-0.10	68	Bobbin	6		
21	5	73	PVN		10.66	2C	31.34	14	Bobbin	10		

**Table 1**  
**Service Induced Indications Identified During 2R13**

SG	Row	Col	Ind	%TW	Volts	Loc	Inch	Deg	Probe	Cal	IDOD	Reason for Plugging
21	5	76	DIS		0.49	2H	0.02	23	Bobbin	6		
21	5	85	DOS		0.40	1H	-0.07	116	Bobbin	4		
21	5	85	SAI		0.30	1H	-0.10	108	PP	75	OD	
21	5	89	DOS		0.31	3H	-0.07	55	Bobbin	4		
21	6	1	TWD	9	0.58	2C	-0.04	138	Bobbin	36		
21	6	9	DOS		0.33	3H	0.07	82	Bobbin	36		
21	6	23	DOS		1.69	1H	0.00	90	Bobbin	38		
21	6	24	DOS		0.83	1H	0.02	84	Bobbin	38		
21	6	24	SAI		0.25	1H	0.11	93	PP	70	OD	
21	6	24	SAI		0.56	1H	-0.08	84	PP	70	OD	
21	6	24	SAI		0.51	1H	0.04	92	PP	70	OD	
21	6	29	DOS		0.18	1H	0.09	140	Bobbin	33		
21	6	39	DOS		0.50	1H	0.00	111	Bobbin	42		
21	6	44	DOS		0.27	1H	-0.02	115	Bobbin	33		
21	6	46	DOS		0.21	1H	0.09	109	Bobbin	33		
21	6	46	DOS		0.16	2H	-0.02	98	Bobbin	33		
21	6	56	DOS		0.33	1H	0.00	99	Bobbin	31		
21	6	71	DOS		0.38	2H	0.07	62	Bobbin	29		
21	6	77	SAI		0.81	TSH	-1.35	22	PP	29	ID	
21	6	82	DOS		0.46	1H	0.18	63	Bobbin	28		
21	7	5	DOS		0.68	2H	0.04	91	Bobbin	35		
21	7	14	DOS		0.91	3H	0.15	111	Bobbin	35		
21	7	24	DOS		0.20	1H	0.06	133	Bobbin	37		
21	7	24	SAI		0.19	TSH	-1.90	25	PP	29	ID	
21	7	34	DOS		0.29	1H	0.02	47	Bobbin	36		
21	7	34	SAI		0.11	1H	0.01	96	PP	78	OD	
21	7	34	SAI		0.21	1H	-0.11	97	PP	78	OD	
21	7	37	DOS		0.34	1H	0.04	64	Bobbin	35		
21	7	40	DOS		0.40	1H	0.11	104	Bobbin	35		
21	7	44	DOS		0.32	1H	0.06	144	Bobbin	34		
21	7	44	DOS		0.86	2H	0.00	77	Bobbin	34		
21	7	45	DOS		0.26	1H	0.11	78	Bobbin	34		
21	7	52	DOS		0.23	1H	0.11	137	Bobbin	37		
21	7	55	SCI		0.33	7H	19.70	11	PP	61	ID	Ubend SCI
21	7	57	DOS		0.23	2H	0.02	94	Bobbin	30		
21	7	62	DTS		4.15	TEH	19.65	40	Bobbin	27		Failed W* Criteria
21	7	62	SAI		4.93	TSH	-1.87	29	PP	29	ID	Failed W* Criteria
21	7	63	DOS		0.33	2H	-0.07	75	Bobbin	28		
21	7	80	DOS		0.81	1H	0.04	98	Bobbin	29		
21	7	81	DOS		0.20	1H	0.04	82	Bobbin	29		
21	7	82	DOS		0.57	1H	0.09	102	Bobbin	29		
21	7	89	DOS		0.51	1H	0.11	111	Bobbin	27		
21	8	2	TWD	7	0.41	2C	-0.02	160	Bobbin	35		
21	8	5	PVN		10.40	3H	14.78	13	Bobbin	36		
21	8	9	DOS		0.74	2H	0.00	54	Bobbin	36		
21	8	9	SAI		0.34	2H	-0.08	83	PP	70	OD	
21	8	9	DOS		0.67	3H	0.07	74	Bobbin	36		
21	8	12	DOS		0.35	2H	-0.04	89	Bobbin	36		
21	8	22	DOS		0.40	1H	0.04	81	Bobbin	38		



**Table 1**  
**Service Induced Indications Identified During 2R13**

SG	Row	Col	Ind	%TW	Volts	Loc	Inch	Deg	Probe	Cal	IDOD	Reason for Plugging
21	8	22	SAI		0.34	1H	0.01	96	PP	70	OD	
21	8	24	DOS		1.49	1H	0.09	136	Bobbin	38		
21	8	25	DOS		0.66	1H	-0.15	85	Bobbin	36		
21	8	29	DOS		0.52	3H	0.20	89	Bobbin	33		
21	8	30	DOS		0.27	1H	0.07	105	Bobbin	33		
21	8	32	SAI		0.80	TSH	-1.89	22	PP	29	ID	
21	8	33	DOS		0.32	2H	0.04	96	Bobbin	33		
21	8	38	DOS		0.18	1H	0.11	123	Bobbin	35		
21	8	40	DOS		0.39	1H	0.13	118	Bobbin	36		
21	8	48	DOS		0.77	1H	0.22	110	Bobbin	33		
21	8	49	DOS		0.25	2H	0.04	157	Bobbin	38		
21	8	62	DOS		0.18	2H	0.00	108	Bobbin	26		
21	8	62	SAI		0.21	2H	0.01	96	PP	65	OD	
21	8	64	DOS		0.45	6H	0.26	93	Bobbin	28		
21	8	66	PVN		28.12	3C	9.35	16	Bobbin	29		
21	8	77	DOS		0.38	1H	0.11	95	Bobbin	26		
21	8	78	DOS		0.27	1H	0.09	119	Bobbin	26		
21	8	81	DOS		0.80	1H	0.07	97	Bobbin	26		
21	8	82	DOS		0.93	1H	0.04	103	Bobbin	26		
21	8	84	DOS		1.38	1H	0.00	86	Bobbin	26		
21	8	90	DOS		0.35	2H	0.07	108	Bobbin	26		
21	9	9	PVN		24.26	3H	8.30	15	Bobbin	35		
21	9	9	PVN		12.72	4H	44.42	14	Bobbin	35		
21	9	10	PVN		11.32	3H	43.73	14	Bobbin	35		
21	9	13	DOS		0.25	3H	0.00	82	Bobbin	35		
21	9	13	SAI		0.20	3H	-0.02	114	PP	70	OD	
21	9	20	DOS		0.28	1H	0.09	115	Bobbin	37		
21	9	27	DOS		0.99	1H	0.07	89	Bobbin	33		
21	9	33	DOS		0.39	1H	0.04	112	Bobbin	34		
21	9	39	DOS		0.60	1H	-0.02	84	Bobbin	35		
21	9	39	DOS		0.18	2H	0.11	101	Bobbin	35		
21	9	42	DOS		0.32	2H	0.04	101	Bobbin	33		
21	9	46	DOS		0.18	1H	-0.02	99	Bobbin	34		
21	9	46	DOS		0.25	2H	0.00	68	Bobbin	34		
21	9	49	SAI		1.17	TSH	-1.96	21	PP	29	ID	
21	9	60	DOS		0.57	1H	0.15	136	Bobbin	27		
21	9	72	DOS		0.87	1H	0.07	72	Bobbin	28		
21	9	73	DOS		0.38	1H	0.04	132	Bobbin	29		
21	9	82	DOS		0.20	1H	0.02	78	Bobbin	27		
21	9	86	DOS		0.27	1H	0.04	123	Bobbin	27		
21	9	90	DOS		0.42	1H	0.04	120	Bobbin	27		
21	9	92	TWD	5	0.32	3C	-0.07	145	Bobbin	27		
21	10	2	DOS		0.69	1H	0.11	139	Bobbin	35		
21	10	2	TWD	12	0.78	2C	-0.04	139	Bobbin	35		
21	10	3	TWD	23	1.59	2C	-0.06	141	Bobbin	35		
21	10	4	DOS		0.17	2H	0.09	63	Bobbin	35		
21	10	5	DOS		0.48	1H	0.28	127	Bobbin	36		
21	10	8	DOS		0.44	1H	0.15	106	Bobbin	36		
21	10	9	DOS		0.68	3H	-0.15	67	Bobbin	36		

**Table 1**  
**Service Induced Indications Identified During 2R13**

SG	Row	Col	Ind	%TW	Volts	Loc	Inch	Deg	Probe	Cal	IDOD	Reason for Plugging
21	10	10	DOS		0.39	2H	0.04	81	Bobbin	36		
21	10	15	DOS		0.19	4H	0.04	95	Bobbin	36		
21	10	21	DOS		0.59	1H	0.00	87	Bobbin	38		
21	10	22	DOS		0.37	3H	0.15	160	Bobbin	38		
21	10	23	PVN		11.31	3H	24.93	194	Bobbin	38		
21	10	28	DOS		0.42	1H	0.09	105	Bobbin	33		
21	10	49	DOS		0.24	1H	0.00	115	Bobbin	38		
21	10	49	SAI		0.17	TSH	-1.17	14	PP	29	ID	
21	10	51	DOS		0.20	2H	0.04	97	Bobbin	31		
21	10	52	DOS		0.25	1H	0.09	114	Bobbin	37		
21	10	53	DOS		1.03	1H	0.13	95	Bobbin	38		
21	10	63	DOS		0.81	2H	0.14	89	Bobbin	29		
21	10	75	DOS		0.33	2H	0.09	146	Bobbin	28		
21	10	80	DOS		0.16	1H	0.07	158	Bobbin	26		
21	10	83	DOS		0.24	1H	0.02	96	Bobbin	26		
21	10	86	DOS		0.36	1H	0.07	94	Bobbin	26		
21	10	93	DOS		0.55	4H	0.13	110	Bobbin	27		
21	11	5	DOS		0.52	2H	0.06	35	Bobbin	35		
21	11	5	SAI		0.19	2H	0.04	96	PP	70	OD	
21	11	6	DIS		0.50	2H	-0.02	11	Bobbin	35		
21	11	7	DOS		0.60	1H	0.13	113	Bobbin	35		
21	11	7	DOS		0.36	2H	0.00	60	Bobbin	35		
21	11	7	DOS		0.70	3H	0.17	124	Bobbin	35		
21	11	9	DOS		0.38	2H	0.04	31	Bobbin	35		
21	11	11	DOS		0.46	2H	0.09	84	Bobbin	35		
21	11	12	DOS		0.56	2H	0.04	75	Bobbin	35		
21	11	18	DOS		0.22	1H	0.04	97	Bobbin	37		
21	11	26	DOS		1.39	1H	0.11	111	Bobbin	33		
21	11	29	DOS		0.35	1H	0.09	94	Bobbin	34		
21	11	37	SAI		0.68	TSH	-6.71	17	PP	29	ID	
21	11	37	SAI		0.60	TSH	-1.89	19	PP	29	ID	
21	11	37	SAI		0.48	TSH	-7.62	9	PP	29	ID	
21	11	39	SAI		1.44	TSH	-1.68	19	PP	29	ID	
21	11	40	SAI		0.33	TSH	-0.89	16	PP	29	ID	
21	11	48	DOS		0.31	1H	0.09	77	Bobbin	34		
21	11	48	SAI		3.22	TSH	-4.86	24	PP	29	ID	
21	11	51	DIS		1.23	2H	-0.19	26	Bobbin	37		
21	11	52	DOS		0.75	1H	0.11	99	Bobbin	31		
21	11	63	DOS		0.36	1H	0.04	63	Bobbin	28		
21	11	78	DOS		0.67	1H	0.11	93	Bobbin	29		
21	11	83	DOS		0.48	1H	0.04	84	Bobbin	27		
21	11	85	DOS		0.31	2H	0.09	64	Bobbin	27		
21	11	86	DOS		0.47	1H	0.02	97	Bobbin	27		
21	11	89	DOS		1.98	1H	0.02	71	Bobbin	27		
21	11	89	SAI		0.82	1H	0.00	99	PP	59	OD	
21	11	89	SAI		0.16	1H	-0.10	99	PP	59	OD	
21	12	3	TWD	15	0.95	2C	0.04	131	Bobbin	36		
21	12	5	PVN		10.01	3H	4.16	15	Bobbin	36		
21	12	26	DOS		0.36	1H	0.02	96	Bobbin	34		

**Table 1**  
**Service Induced Indications Identified During 2R13**

SG	Row	Col	Ind	%TW	Volts	Loc	Inch	Deg	Probe	Cal	IDOD	Reason for Plugging
21	12	30	DOS		0.99	1H	0.09	47	Bobbin	33		
21	12	30	SAI		0.37	1H	0.02	91	PP	70	OD	
21	12	30	SAI		0.21	1H	0.05	113	PP	70	OD	
21	12	30	SAI		0.14	1H	0.10	94	PP	70	OD	
21	12	35	DOS		0.20	1H	0.00	60	Bobbin	33		
21	12	37	DOS		0.73	2H	-0.13	94	Bobbin	33		
21	12	38	PVN		14.25	2H	44.69	190	Bobbin	33		
21	12	38	PVN		11.41	3H	-0.52	17	Bobbin	33		
21	12	46	DOS		0.14	1H	0.02	74	Bobbin	34		
21	12	48	DOS		0.88	1H	0.00	108	Bobbin	32		
21	12	57	DOS		0.20	2H	0.06	48	Bobbin	30		
21	12	80	DOS		0.30	1H	0.02	75	Bobbin	28		
21	12	86	DOS		1.79	1H	0.07	75	Bobbin	26		
21	12	86	SAI		0.50	1H	0.05	112	PP	58	OD	
21	12	86	SAI		0.28	1H	0.06	125	PP	58	OD	
21	12	88	PVN		14.97	2C	25.10	13	Bobbin	26		
21	12	92	TWD	14	0.89	2C	-0.07	120	Bobbin	26		
21	13	3	TWD	12	0.73	2C	-0.06	138	Bobbin	35		
21	13	11	DOS		0.17	2H	-0.02	95	Bobbin	35		
21	13	25	DOS		0.66	1H	0.09	108	Bobbin	35		
21	13	26	DOS		0.27	1H	0.11	133	Bobbin	34		
21	13	27	DOS		0.60	1H	0.02	108	Bobbin	34		
21	13	28	DOS		0.27	1H	0.02	136	Bobbin	34		
21	13	29	DOS		0.23	1H	0.09	95	Bobbin	34		
21	13	30	DOS		0.34	1H	0.13	103	Bobbin	34		
21	13	33	DOS		0.93	1H	0.02	75	Bobbin	34		
21	13	37	DOS		0.29	1H	-0.09	106	Bobbin	34		
21	13	38	DOS		0.69	1H	0.11	115	Bobbin	34		
21	13	39	DOS		2.39	1H	0.04	58	Bobbin	35		DOS>2V & SAI-OD @ 1H
21	13	39	SAI		1.39	1H	-0.04	56	PP	76	OD	DOS>2V & SAI-OD @ 1H
21	13	39	SAI		0.10	1H	-0.04	114	PP	76	OD	DOS>2V & SAI-OD @ 1H
21	13	39	SAI		0.25	1H	-0.04	87	PP	76	OD	DOS>2V & SAI-OD @ 1H
21	13	39	SAI		0.19	1H	-0.15	97	PP	76	OD	DOS>2V & SAI-OD @ 1H
21	13	46	DOS		0.19	1H	0.00	116	Bobbin	32		
21	13	49	DOS		1.11	2H	0.06	77	Bobbin	32		
21	13	49	SAI		0.39	TSH	-1.73	22	PP	29	ID	
21	13	70	DOS		0.31	1H	0.11	140	Bobbin	28		
21	13	72	DOS		1.37	1H	0.22	100	Bobbin	28		
21	13	73	DOS		1.02	1H	0.20	89	Bobbin	29		
21	13	75	DOS		0.28	1H	0.04	126	Bobbin	29		
21	13	79	DOS		0.99	1H	0.13	120	Bobbin	29		
21	13	80	DOS		0.41	1H	0.04	108	Bobbin	29		
21	13	92	TWD	8	0.51	2C	-0.04	147	Bobbin	27		
21	14	6	DOS		0.66	2H	-0.13	93	Bobbin	23		
21	14	11	DOS		0.19	1H	-0.06	90	Bobbin	24		
21	14	12	DIS		0.38	2H	-0.04	36	Bobbin	24		
21	14	15	DIS		0.53	2H	-0.08	25	Bobbin	24		
21	14	22	DOS		1.02	1H	0.00	95	Bobbin	24		
21	14	25	DOS		0.35	1H	-0.11	99	Bobbin	24		

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**Service Induced Indications Identified During 2R13**

SG	Row	Col	Ind	%TW	Volts	Loc	Inch	Deg	Probe	Cal	IDOD	Reason for Plugging
21	14	29	DOS		0.26	1H	0.09	45	Bobbin	25		
21	14	29	DIS		0.86	6C	0.30	18	Bobbin	25		
21	14	34	DOS		0.32	1H	0.04	115	Bobbin	32		
21	14	35	DOS		0.34	2H	0.09	95	Bobbin	32		
21	14	36	DOS		0.26	1H	0.09	73	Bobbin	32		SAI-OD @1H with LIC
21	14	36	SAI		0.24	1H	0.15	98	PP	75	OD	SAI-OD @1H with LIC
21	14	46	DOS		0.14	1H	0.00	44	Bobbin	27		
21	14	48	DOS		0.49	1H	-0.02	48	Bobbin	25		
21	14	51	DOS		0.38	1H	-0.09	80	Bobbin	39		
21	14	52	DOS		0.77	1H	0.07	123	Bobbin	39		
21	14	70	DOS		0.22	1H	0.00	84	Bobbin	24		
21	14	77	DOS		1.17	1H	-0.07	87	Bobbin	24		
21	14	82	DOS		0.69	1H	-0.02	88	Bobbin	24		
21	14	84	DOS		0.40	5H	0.07	99	Bobbin	24		
21	15	24	PVN		12.70	2H	39.50	191	Bobbin	23		
21	15	26	DOS		0.31	1H	0.02	57	Bobbin	23		
21	15	28	DOS		0.66	1H	0.00	140	Bobbin	25		
21	15	35	DOS		0.49	1H	0.04	132	Bobbin	32		
21	15	40	DOS		0.77	1H	-0.02	85	Bobbin	32		
21	15	42	DOS		0.25	1H	0.06	73	Bobbin	32		
21	15	46	PVN		11.65	2H	12.78	16	Bobbin	27		
21	15	49	PVN		14.83	3C	-0.36	195	Bobbin	25		
21	15	54	DOS		0.20	2H	0.02	95	Bobbin	40		
21	15	58	DOS		0.35	2H	0.02	83	Bobbin	39		
21	15	67	DOS		1.05	1H	0.09	77	Bobbin	25		
21	15	67	DOS		0.43	2H	0.11	134	Bobbin	25		
21	15	67	DIS		0.46	4H	0.06	18	Bobbin	25		
21	15	80	DOS		0.96	3H	0.02	80	Bobbin	25		
21	15	92	DOS		0.78	1H	0.21	64	Bobbin	25		
21	16	16	DOS		1.12	1H	-0.10	105	Bobbin	24		
21	16	17	DOS		0.46	2H	-0.13	103	Bobbin	24		
21	16	17	DOS		0.24	3H	-0.06	77	Bobbin	24		
21	16	17	DOS		0.38	4H	-0.04	48	Bobbin	24		
21	16	22	DIS		0.32	4H	0.00	30	Bobbin	24		
21	16	29	DOS		0.59	1H	-0.04	103	Bobbin	25		
21	16	37	DOS		0.79	1H	0.02	79	Bobbin	32		
21	16	39	DOS		0.37	1H	0.04	88	Bobbin	32		
21	16	40	DOS		0.69	1H	-0.04	116	Bobbin	32		
21	16	40	DOS		0.46	3H	0.00	42	Bobbin	32		
21	16	40	SAI		0.19	3H	-0.11	121	PP	72	OD	
21	16	42	DOS		0.17	1H	-0.04	97	Bobbin	27		
21	16	44	DOS		0.26	2H	-0.11	113	Bobbin	27		
21	16	47	DOS		0.28	1H	-0.04	89	Bobbin	27		
21	16	49	DOS		1.54	3H	-0.15	92	Bobbin	25		
21	16	56	PVN		10.47	3C	15.88	14	Bobbin	39		
21	16	57	PVN		11.70	3C	32.34	14	Bobbin	40		
21	16	67	DOS		1.16	1H	0.02	119	Bobbin	24		
21	16	79	SAI		0.32	TSH	-6.04	14	PP	62	ID	
21	16	80	DOS		1.09	1H	0.00	110	Bobbin	23		

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**Service Induced Indications Identified During 2R13**

SG	Row	Col	Ind	%TW	Volts	Loc	Inch	Deg	Probe	Cal	IDOD	Reason for Plugging
21	16	81	DOS		1.34	1H	0.08	95	Bobbin	23		
21	16	84	DOS		0.38	1H	0.04	53	Bobbin	21		
21	16	84	DOS		0.65	3H	0.00	93	Bobbin	21		
21	16	85	DOS		0.62	1H	0.08	82	Bobbin	21		
21	16	89	DOS		0.32	1H	0.04	139	Bobbin	21		
21	16	89	DOS		0.57	2H	0.02	105	Bobbin	21		
21	16	89	DOS		0.77	3H	0.11	94	Bobbin	21		
21	17	8	DOS		1.07	5H	0.04	145	Bobbin	23		
21	17	9	DIS		0.65	3H	-0.04	14	Bobbin	23		
21	17	9	SAI		0.14	3H	-0.09	120	PP	70	OD	
21	17	10	DOS		1.14	1H	0.00	110	Bobbin	23		
21	17	11	DOS		0.60	7C	0.07	119	Bobbin	23		
21	17	12	PVN		17.62	3H	31.25	27	Bobbin	23		
21	17	15	DOS		0.39	1H	0.00	67	Bobbin	23		
21	17	18	DOS		0.41	1H	0.00	114	Bobbin	24		
21	17	20	DOS		1.47	1H	-0.10	169	Bobbin	23		
21	17	23	DOS		0.30	1H	-0.07	97	Bobbin	23		
21	17	23	PVN		15.91	3H	15.74	19	Bobbin	23		
21	17	27	DOS		0.31	2H	0.04	125	Bobbin	23		
21	17	30	DOS		0.23	4H	-0.31	56	Bobbin	25		
21	17	36	DOS		0.65	1H	0.11	78	Bobbin	32		
21	17	51	DOS		0.47	2H	0.00	93	Bobbin	40		
21	17	52	DOS		0.28	2H	-0.02	95	Bobbin	40		
21	17	55	DOS		1.48	2H	0.00	83	Bobbin	40		
21	17	55	DOS		0.55	3H	-0.11	102	Bobbin	40		
21	17	61	TWD	10	0.15	7H	46.00	0	Bobbin	25		
21	17	61	TWD	16	0.29	7H	23.87	0	Bobbin	25		
21	17	70	DOS		0.40	1H	0.06	104	Bobbin	25		
21	17	73	DOS		0.15	2H	0.00	52	Bobbin	25		
21	17	78	DOS		0.81	1H	0.08	106	Bobbin	23		
21	17	84	DOS		0.60	1H	0.04	127	Bobbin	21		
21	17	87	DOS		0.26	1H	0.06	113	Bobbin	21		
21	17	88	DOS		0.72	2H	0.17	120	Bobbin	21		
21	17	90	DIS		0.71	1H	-0.21	26	Bobbin	21		
21	17	90	DOS		0.26	3H	-0.02	87	Bobbin	21		
21	18	10	DOS		0.25	1H	-0.06	59	Bobbin	24		
21	18	27	DOS		0.48	1H	-0.11	105	Bobbin	24		
21	18	27	DOS		0.87	2H	-0.08	48	Bobbin	24		
21	18	29	DOS		0.62	1H	-0.02	149	Bobbin	25		
21	18	35	DOS		0.26	1H	0.02	44	Bobbin	32		
21	18	37	DOS		0.52	1H	0.09	35	Bobbin	25		
21	18	38	DOS		0.47	1H	-0.09	109	Bobbin	27		
21	18	39	DOS		0.94	1H	-0.11	64	Bobbin	27		
21	18	43	DOS		0.70	1H	0.00	57	Bobbin	27		
21	18	43	SAI		0.49	1H	0.01	93	PP	72	OD	
21	18	44	DOS		0.28	2H	-0.09	128	Bobbin	27		
21	18	55	DOS		0.36	1H	0.00	97	Bobbin	39		
21	18	55	DOS		0.82	3H	-0.09	93	Bobbin	39		
21	18	56	DOS		0.87	1H	0.02	101	Bobbin	39		

**Table 1**  
**Service Induced Indications Identified During 2R13**

SG	Row	Col	Ind	%TW	Volts	Loc	Inch	Deg	Probe	Cal	IDOD	Reason for Plugging
21	18	59	DOS		0.63	1H	-0.04	136	Bobbin	24		
21	18	60	DOS		0.55	1H	0.17	114	Bobbin	24		
21	18	62	DOS		0.19	1H	0.02	109	Bobbin	24		
21	18	63	DOS		0.18	1H	0.35	121	Bobbin	24		
21	18	63	TWD	14	0.21	7H	48.25	0	Bobbin	24		
21	18	78	DOS		0.42	1H	0.11	110	Bobbin	23		
21	19	8	TWD	10	0.64	3C	0.02	158	Bobbin	23		
21	19	8	DIS		0.54	5H	0.17	45	Bobbin	23		
21	19	9	DIS		0.58	5H	-0.07	25	Bobbin	23		
21	19	11	DOS		1.38	1H	-0.07	147	Bobbin	23		
21	19	11	DOS		0.84	2H	-0.04	44	Bobbin	23		
21	19	30	DIS		0.46	2H	0.00	27	Bobbin	25		
21	19	35	DOS		0.96	1H	0.02	90	Bobbin	32		
21	19	43	DOS		0.33	3H	-0.07	116	Bobbin	27		
21	19	44	DOS		1.51	1H	-0.07	77	Bobbin	27		
21	19	46	DOS		1.00	1H	-0.04	152	Bobbin	27		
21	19	47	DOS		0.68	2H	-0.07	152	Bobbin	25		
21	19	48	PVN		11.49	3C	23.48	18	Bobbin	25		
21	19	48	TWD	25	0.70	7H	35.71	0	Bobbin	25		
21	19	57	TWD	19	0.41	7H	50.23	0	Bobbin	40		
21	19	59	DOS		0.91	1H	0.04	79	Bobbin	25		
21	19	70	TWD	13	0.21	7H	62.89	0	Bobbin	25		
21	19	70	TWD	16	0.30	7H	50.24	0	Bobbin	25		
21	19	70	TWD	14	0.25	7H	25.72	0	Bobbin	25		
21	19	71	DOS		0.52	1H	0.02	70	Bobbin	25		
21	19	74	DOS		0.44	1H	0.00	114	Bobbin	23		
21	19	75	DOS		0.76	1H	0.19	97	Bobbin	23		
21	19	76	DOS		0.63	1H	0.04	142	Bobbin	23		
21	19	76	DOS		0.23	5H	0.04	156	Bobbin	23		
21	19	82	DOS		0.77	1H	-0.06	83	Bobbin	23		
21	19	83	DOS		0.19	1H	0.06	68	Bobbin	21		
21	19	84	DOS		0.34	1H	0.09	123	Bobbin	21		
21	20	13	DOS		0.26	2H	0.00	58	Bobbin	24		
21	20	24	DOS		0.41	2H	-0.06	54	Bobbin	24		
21	20	38	TWD	19	0.45	7H	66.56	0	Bobbin	27		
21	20	41	DOS		0.35	1H	-0.04	88	Bobbin	27		
21	20	48	TWD	17	0.35	7H	37.02	0	Bobbin	25		
21	20	61	TWD	17	0.30	7H	38.57	0	Bobbin	24		
21	20	70	DOS		0.20	1H	0.04	125	Bobbin	24		
21	20	78	DOS		0.26	1H	0.00	78	Bobbin	23		
21	20	85	DOS		0.27	2H	0.02	79	Bobbin	21		
21	21	6	TWD	8	0.51	2C	-0.09	147	Bobbin	23		
21	21	6	VOL		0.23	2C	-0.17	107	PP	67	OD	
21	21	13	DOS		0.28	1H	-0.07	114	Bobbin	23		
21	21	22	DOS		0.18	2H	0.04	113	Bobbin	23		
21	21	24	DOS		0.38	3H	-0.26	41	Bobbin	23		
21	21	40	DOS		1.20	1H	-0.09	89	Bobbin	27		
21	21	64	DOS		0.35	1H	0.09	108	Bobbin	25		
21	21	70	DOS		1.05	1H	0.04	98	Bobbin	25		

**Table 1**  
**Service Induced Indications Identified During 2R13**

SG	Row	Col	Ind	%TW	Volts	Loc	Inch	Deg	Probe	Cal	IDOD	Reason for Plugging
21	21	70	DOS		0.45	2H	0.04	59	Bobbin	25		
21	21	70	TWD	20	0.41	7H	40.31	0	Bobbin	25		
21	21	70	TWD	11	0.18	7H	69.87	0	Bobbin	25		
21	21	74	DOS		0.77	1H	-0.02	90	Bobbin	23		
21	21	80	DOS		0.54	1H	0.13	114	Bobbin	23		
21	21	82	DOS		0.56	1H	-0.02	129	Bobbin	23		
21	22	8	TWD	10	0.60	1C	0.08	128	Bobbin	24		
21	22	16	DOS		0.30	2H	-0.02	38	Bobbin	24		
21	22	18	DOS		0.73	2H	0.00	77	Bobbin	24		
21	22	22	PVN		13.91	3H	3.23	16	Bobbin	24		
21	22	24	DOS		0.23	2H	-0.06	74	Bobbin	24		
21	22	29	TWD	12	0.22	7H	26.14	0	Bobbin	25		
21	22	33	TWD	9	0.17	7H	58.19	0	Bobbin	25		
21	22	33	TWD	11	0.21	7H	42.02	0	Bobbin	25		
21	22	37	TWD	20	0.45	7H	25.31	0	Bobbin	25		
21	22	37	TWD	13	0.26	7H	41.25	0	Bobbin	25		
21	22	38	DOS		1.37	1H	0.04	77	Bobbin	27		
21	22	38	TWD	10	0.20	7H	73.08	0	Bobbin	27		
21	22	38	TWD	17	0.39	7H	57.12	0	Bobbin	27		
21	22	39	TWD	11	0.22	7H	26.20	0	Bobbin	27		
21	22	43	DOS		0.20	2H	-0.09	117	Bobbin	27		
21	22	44	DOS		0.24	1H	-0.04	133	Bobbin	27		
21	22	54	DOS		0.56	1H	0.13	114	Bobbin	40		
21	22	58	DOS		0.69	2H	0.02	30	Bobbin	39		
21	22	58	SAI		0.43	2H	-0.01	91	PP	67	OD	
21	22	62	DOS		1.31	1H	0.04	32	Bobbin	24		
21	22	63	TWD	15	0.25	7H	41.26	0	Bobbin	24		
21	22	63	TWD	25	0.54	7H	26.10	0	Bobbin	24		
21	22	63	TWD	21	0.41	7H	41.62	0	Bobbin	24		
21	22	63	TWD	24	0.48	7H	73.85	0	Bobbin	24		
21	22	63	TWD	22	0.44	7H	58.39	0	Bobbin	24		
21	22	64	PVN		10.33	4C	0.00	188	Bobbin	24		
21	22	68	DOS		0.15	4H	0.00	46	Bobbin	24		
21	22	70	DOS		0.42	1H	0.04	29	Bobbin	24		
21	22	75	DOS		1.51	1H	0.06	98	Bobbin	23		
21	22	81	DOS		0.41	1H	0.08	103	Bobbin	23		
21	22	83	DOS		0.18	1H	0.13	118	Bobbin	21		
21	22	84	DOS		0.98	1H	0.13	117	Bobbin	21		
21	23	8	DOS		0.23	5H	0.17	107	Bobbin	23		
21	23	30	DOS		0.32	2H	-0.06	35	Bobbin	25		
21	23	35	DOS		0.78	1H	-0.07	120	Bobbin	25		
21	23	42	DOS		0.49	1H	-0.07	102	Bobbin	27		
21	23	43	DOS		0.88	1H	0.04	123	Bobbin	27		
21	23	47	DOS		0.45	1H	-0.02	68	Bobbin	25		
21	23	50	DOS		0.21	1H	0.07	100	Bobbin	40		
21	23	52	TWD	16	0.32	7H	60.91	0	Bobbin	40		
21	23	53	DOS		0.38	1H	0.06	56	Bobbin	39		
21	23	53	TWD	20	0.33	7H	60.49	0	Bobbin	39		
21	23	53	TWD	26	0.57	7H	27.35	0	Bobbin	39		

**Table 1**  
**Service Induced Indications Identified During 2R13**

SG	Row	Col	Ind	%TW	Volts	Loc	Inch	Deg	Probe	Cal	IDOD	Reason for Plugging
21	23	53	TWD	27	0.63	7H	43.08	0	Bobbin	39		
21	23	53	TWD	15	0.21	7H	76.33	0	Bobbin	39		
21	23	55	DOS		1.14	1H	0.00	89	Bobbin	40		
21	23	63	TWD	35	1.60	7H	60.57	0	Bobbin	25		
21	23	63	TWD	22	0.48	7H	42.35	0	Bobbin	25		
21	23	63	TWD	13	0.22	7H	27.45	0	Bobbin	25		
21	23	64	DOS		0.30	1H	0.11	147	Bobbin	25		
21	23	64	TWD	11	0.18	7H	27.36	0	Bobbin	25		
21	23	64	TWD	19	0.38	7H	42.43	0	Bobbin	25		
21	23	64	TWD	28	0.83	7H	60.57	0	Bobbin	25		
21	23	65	TWD	36	1.69	7H	60.60	0	Bobbin	25		
21	23	65	TWD	15	0.27	7H	77.42	0	Bobbin	25		
21	23	65	TWD	25	0.64	7H	42.50	0	Bobbin	25		
21	23	67	TWD	18	0.35	7H	28.39	0	Bobbin	25		
21	23	67	SAI		0.18	TSH	-3.31	27	PP	64	ID	
21	23	70	DTS		1.50	TEH	19.96	54	Bobbin	25		
21	23	70	SAI		1.46	TSH	-1.48	15	PP	29	ID	
21	23	71	TWD	25	0.64	7H	60.88	0	Bobbin	25		
21	23	71	TWD	10	0.15	7H	43.58	0	Bobbin	25		
21	23	71	TWD	12	0.20	7H	28.33	0	Bobbin	25		
21	23	72	TWD	16	0.31	7H	77.13	0	Bobbin	25		
21	23	72	TWD	21	0.44	7H	60.60	0	Bobbin	25		
21	23	72	TWD	17	0.32	7H	43.39	0	Bobbin	25		
21	23	74	TWD	25	0.56	7H	27.15	0	Bobbin	23		
21	23	81	DOS		0.45	1H	0.02	108	Bobbin	23		
21	24	11	DOS		0.48	2H	-0.02	114	Bobbin	24		
21	24	20	DOS		0.20	2H	-0.04	64	Bobbin	24		
21	24	22	DOS		0.52	5H	0.21	119	Bobbin	24		
21	24	26	DOS		0.48	2H	0.02	146	Bobbin	24		
21	24	28	DOS		0.23	1H	-0.07	143	Bobbin	25		
21	24	29	DOS		0.24	2H	-0.02	103	Bobbin	25		
21	24	30	DOS		1.32	1H	-0.11	156	Bobbin	25		
21	24	35	DOS		0.28	1H	-0.11	116	Bobbin	25		
21	24	37	DOS		0.29	1H	-0.04	80	Bobbin	25		
21	24	39	TWD	19	0.44	7H	27.24	0	Bobbin	27		
21	24	40	TWD	13	0.28	7H	43.52	0	Bobbin	27		
21	24	41	DOS		1.54	1H	-0.09	84	Bobbin	27		
21	24	44	DOS		0.50	1H	-0.04	130	Bobbin	27		
21	24	45	DOS		0.69	1H	-0.02	90	Bobbin	27		
21	24	47	DOS		0.20	2C	-0.04	108	Bobbin	25		
21	24	53	DOS		1.32	1H	0.00	78	Bobbin	40		
21	24	54	DOS		0.37	1H	0.04	94	Bobbin	40		
21	24	58	DOS		0.48	1H	-0.02	140	Bobbin	39		
21	24	61	TWD	23	0.46	7H	63.39	0	Bobbin	24		
21	24	61	TWD	15	0.26	7H	44.56	0	Bobbin	24		
21	24	62	DOS		0.65	1H	0.00	131	Bobbin	24		
21	24	62	TWD	12	0.17	7H	81.00	0	Bobbin	24		
21	24	62	TWD	18	0.32	7H	63.15	0	Bobbin	24		
21	24	62	TWD	14	0.22	7H	27.57	0	Bobbin	24		



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**Service Induced Indications Identified During 2R13**

SG	Row	Col	Ind	%TW	Volts	Loc	Inch	Deg	Probe	Cal	IDOD	Reason for Plugging
21	24	62	TWD	22	0.45	7H	44.59	0	Bobbin	24		
21	24	63	TWD	30	0.76	7H	44.49	0	Bobbin	24		
21	24	63	TWD	24	0.52	7H	63.11	0	Bobbin	24		
21	24	63	TWD	29	0.72	7H	27.07	0	Bobbin	24		
21	24	64	DOS		0.33	3H	-0.04	147	Bobbin	24		
21	24	68	TWD	25	0.53	7H	27.86	0	Bobbin	24		
21	24	69	DOS		0.57	1H	-0.02	127	Bobbin	24		
21	24	78	DOS		0.62	1H	-0.08	120	Bobbin	23		
21	25	11	TWD	13	0.84	2C	-0.11	156	Bobbin	23		
21	25	15	DOS		0.21	2H	-0.13	61	Bobbin	23		
21	25	18	DIS		0.24	2H	-0.07	36	Bobbin	23		
21	25	19	DOS		0.60	2H	0.00	50	Bobbin	23		
21	25	23	DOS		0.50	1H	-0.04	93	Bobbin	23		
21	25	32	TWD	23	0.63	7H	66.27	0	Bobbin	25		
21	25	32	TWD	19	0.42	7H	46.39	0	Bobbin	25		
21	25	36	DOS		0.35	2H	0.02	146	Bobbin	25		
21	25	38	DOS		0.23	2H	0.00	131	Bobbin	27		
21	25	39	DOS		0.19	2H	-0.09	88	Bobbin	27		
21	25	41	DOS		0.79	1H	-0.04	89	Bobbin	27		
21	25	43	DOS		0.54	1H	-0.09	61	Bobbin	27		
21	25	44	DOS		0.36	1H	-0.11	38	Bobbin	27		
21	25	44	SAI		0.15	1H	0.00	124	PP	70	OD	
21	25	47	DOS		0.90	1H	-0.02	102	Bobbin	25		
21	25	48	DOS		0.36	1H	-0.11	132	Bobbin	25		
21	25	49	DOS		1.04	1H	-0.07	89	Bobbin	25		
21	25	52	DOS		1.29	1H	0.06	99	Bobbin	39		
21	25	54	DOS		0.53	1H	-0.13	106	Bobbin	39		
21	25	55	DIS		3.03	3H	0.00	14	Bobbin	40		
21	25	69	TWD	14	0.23	7H	83.37	0	Bobbin	25		
21	25	72	DOS		0.24	1H	0.06	113	Bobbin	25		
21	25	73	DOS		0.91	1H	0.02	137	Bobbin	24		
21	25	77	DOS		0.39	1H	0.06	83	Bobbin	23		
21	25	78	DOS		0.50	1H	0.17	121	Bobbin	23		
21	25	80	DOS		0.47	1H	0.06	142	Bobbin	23		
21	25	81	DOS		0.15	1H	0.06	111	Bobbin	23		
21	26	10	TWD	12	0.73	2C	-0.09	128	Bobbin	20		
21	26	12	DOS		0.41	1H	-0.02	129	Bobbin	20		
21	26	13	DOS		0.33	1H	-0.09	88	Bobbin	20		
21	26	22	DOS		0.29	1H	-0.09	130	Bobbin	20		
21	26	23	DIS		0.65	1H	-0.22	34	Bobbin	20		
21	26	24	DOS		0.16	2H	0.28	68	Bobbin	20		
21	26	25	DOS		0.90	2H	0.00	79	Bobbin	20		
21	26	29	TWD	14	0.31	7H	87.01	0	Bobbin	20		
21	26	31	DIS		0.19	3H	-0.04	27	Bobbin	16		
21	26	37	DOS		0.37	1H	-0.15	86	Bobbin	14		
21	26	37	DOS		0.78	2H	-0.17	93	Bobbin	14		
21	26	42	DOS		0.53	1H	-0.22	124	Bobbin	14		
21	26	43	DOS		0.21	1H	0.00	86	Bobbin	14		
21	26	44	DOS		1.04	1H	0.00	94	Bobbin	15		

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**Service Induced Indications Identified During 2R13**

SG	Row	Col	Ind	%TW	Volts	Loc	Inch	Deg	Probe	Cal	IDOD	Reason for Plugging
21	26	47	DOS		0.57	1H	-0.04	84	Bobbin	14		
21	26	48	DOS		0.81	1H	-0.04	93	Bobbin	12		
21	26	49	PVN		10.73	2H	49.26	18	Bobbin	12		
21	26	64	DOS		0.46	1H	0.13	159	Bobbin	19		
21	26	66	PVN		11.64	2C	40.48	14	Bobbin	19		
21	26	67	TWD	24	0.59	7H	87.63	0	Bobbin	19		
21	26	67	TWD	18	0.34	7H	48.11	0	Bobbin	19		
21	26	67	TWD	25	0.61	7H	68.41	0	Bobbin	19		
21	26	67	TWD	26	0.71	7H	29.28	0	Bobbin	19		
21	26	69	DOS		0.53	1H	0.11	98	Bobbin	20		
21	26	75	DOS		0.56	2H	0.02	84	Bobbin	20		
21	26	77	DOS		0.66	1H	0.11	79	Bobbin	20		
21	27	10	TWD	22	1.52	2C	-0.08	121	Bobbin	21		
21	27	11	TWD	17	1.11	2C	-0.06	133	Bobbin	21		
21	27	12	PVN		12.63	4H	40.90	16	Bobbin	21		
21	27	29	DOS		0.43	1H	-0.04	52	Bobbin	21		
21	27	32	DOS		1.27	1H	0.00	75	Bobbin	16		
21	27	32	DOS		0.59	3H	-0.20	99	Bobbin	16		
21	27	34	DOS		0.55	5H	0.17	129	Bobbin	17		
21	27	37	PVN		12.65	4H	41.63	19	Bobbin	15		
21	27	38	DOS		1.17	1H	0.00	69	Bobbin	15		
21	27	38	SAI		0.23	1H	-0.03	126	PP	70	OD	
21	27	38	SAI		0.55	1H	0.06	89	PP	70	OD	
21	27	40	DOS		0.29	1H	-0.07	118	Bobbin	14		
21	27	40	DOS		0.70	5H	0.22	156	Bobbin	14		
21	27	41	DOS		0.49	1H	-0.04	118	Bobbin	14		
21	27	44	DOS		0.18	1H	-0.33	75	Bobbin	14		
21	27	48	DOS		1.21	1H	-0.04	68	Bobbin	13		
21	27	48	SAI		0.27	1H	0.02	98	PP	70	OD	
21	27	48	SAI		0.12	1H	-0.07	87	PP	70	OD	
21	27	48	SAI		0.39	1H	-0.01	99	PP	70	OD	
21	27	49	DOS		0.35	1H	-0.11	136	Bobbin	12		
21	27	64	DOS		0.28	6H	0.32	81	Bobbin	20		
21	27	64	TWD	11	0.20	7H	29.34	0	Bobbin	20		
21	27	64	TWD	22	0.50	7H	48.47	0	Bobbin	20		
21	27	64	TWD	30	0.84	7H	70.56	0	Bobbin	20		
21	27	64	TWD	28	0.77	7H	91.06	0	Bobbin	20		
21	27	65	TWD	15	0.30	7H	29.38	0	Bobbin	20		
21	27	65	TWD	18	0.38	7H	90.71	0	Bobbin	20		
21	27	65	TWD	26	0.67	7H	70.39	0	Bobbin	20		
21	27	66	TWD	22	0.48	7H	71.26	0	Bobbin	19		
21	27	66	TWD	34	1.36	7H	49.78	0	Bobbin	19		
21	27	66	TWD	34	1.41	7H	29.85	0	Bobbin	19		
21	27	70	DOS		0.68	1H	0.04	71	Bobbin	20		
21	27	73	DOS		0.81	1H	0.06	109	Bobbin	19		
21	27	81	DOS		0.65	1H	0.00	112	Bobbin	21		
21	28	10	TWD	12	0.73	2C	-0.04	151	Bobbin	21		
21	28	11	TWD	14	0.91	1C	0.26	129	Bobbin	20		
21	28	11	TWD	5	0.32	2C	0.11	115	Bobbin	20		

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**Service Induced Indications Identified During 2R13**

SG	Row	Col	Ind	%TW	Volts	Loc	Inch	Deg	Probe	Cal	IDOD	Reason for Plugging
21	28	12	PVN		12.32	4H	38.36	28	Bobbin	20		
21	28	14	TWD	25	1.78	2C	-0.13	121	Bobbin	20		
21	28	14	DIS		0.32	2H	-0.02	29	Bobbin	20		
21	28	23	DOS		0.32	2H	0.04	103	Bobbin	18		
21	28	29	DOS		0.75	1H	0.00	102	Bobbin	20		
21	28	30	DOS		0.40	2H	-0.06	99	Bobbin	21		
21	28	30	DOS		0.28	3H	-0.08	94	Bobbin	21		
21	28	35	DOS		1.02	1H	-0.11	98	Bobbin	14		
21	28	35	DOS		0.18	2H	-0.07	109	Bobbin	14		
21	28	41	DOS		0.60	1H	0.00	80	Bobbin	14		
21	28	43	DOS		0.28	1H	0.09	118	Bobbin	14		
21	28	58	DOS		0.25	1H	0.04	78	Bobbin	18		
21	28	59	DOS		0.61	1H	0.02	134	Bobbin	17		
21	28	59	DOS		0.30	2H	0.02	26	Bobbin	17		
21	28	59	PVN		15.32	2H	18.84	14	Bobbin	17		
21	28	64	DOS		0.23	1H	0.00	95	Bobbin	19		
21	28	65	FSI		0.48	7H	14.95	35	Bobbin	19		
21	28	81	DOS		0.40	1H	0.06	98	Bobbin	21		
21	28	82	DOS		0.40	1H	0.10	95	Bobbin	21		
21	28	83	DOS		0.66	1H	0.02	83	Bobbin	21		
21	29	11	TWD	9	0.57	2C	-0.06	148	Bobbin	21		
21	29	24	DOS		0.40	1H	-0.09	94	Bobbin	18		
21	29	31	TWD	11	0.20	7H	76.51	0	Bobbin	16		
21	29	31	TWD	7	0.12	7H	97.86	0	Bobbin	16		
21	29	31	TWD	9	0.16	7H	52.53	0	Bobbin	16		
21	29	36	TWD	30	1.00	7H	76.05	0	Bobbin	15		
21	29	41	DOS		0.82	1H	-0.11	95	Bobbin	15		
21	29	47	DOS		0.89	1H	0.09	94	Bobbin	32		
21	29	75	DOS		0.36	1H	0.06	151	Bobbin	19		
21	30	19	DOS		0.32	1H	-0.11	112	Bobbin	18		
21	30	45	DOS		0.58	1H	0.09	61	Bobbin	14		
21	30	52	DOS		0.45	1H	0.02	93	Bobbin	18		
21	30	52	DOS		1.39	2H	0.02	79	Bobbin	18		
21	30	52	SAI		1.27	2H	-0.06	85	PP	70	OD	
21	30	53	DOS		0.35	1H	-0.04	142	Bobbin	17		
21	30	54	DOS		1.63	1H	0.00	82	Bobbin	18		
21	30	55	DOS		0.87	1H	0.06	79	Bobbin	17		
21	30	59	DTS		3.50	TEH	10.82	28	Bobbin	17		
21	30	59	SAI		3.80	TSH	-10.56	28	PP	29	ID	
21	30	68	DOS		0.82	1H	0.04	45	Bobbin	19		
21	30	68	SAI		0.63	1H	0.01	93	PP	70	OD	
21	30	77	DOS		0.29	1H	0.09	108	Bobbin	22		
21	30	78	DOS		0.36	2H	0.02	100	Bobbin	22		
21	30	80	PVN		26.19	5C	-4.85	194	Bobbin	21		
21	31	14	TWD	6	0.36	2C	-0.06	139	Bobbin	21		
21	31	27	DOS		0.64	5H	0.21	105	Bobbin	19		
21	31	31	DOS		0.14	1H	-0.09	139	Bobbin	16		
21	31	33	DOS		0.25	2H	-0.07	83	Bobbin	16		
21	31	47	PVN		11.05	2C	42.10	14	Bobbin	15		

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**Service Induced Indications Identified During 2R13**

SG	Row	Col	Ind	%TW	Volts	Loc	Inch	Deg	Probe	Cal	IDOD	Reason for Plugging
21	31	53	DOS		1.07	2H	0.09	83	Bobbin	18		
21	31	71	DIS		0.91	6H	-0.19	15	Bobbin	19		
21	32	29	DOS		0.65	2H	-0.11	105	Bobbin	21		
21	32	32	DOS		0.55	1H	0.00	74	Bobbin	16		
21	32	70	DOS		0.28	1H	0.02	132	Bobbin	19		
21	32	79	TWD	16	1.06	4C	-0.15	127	Bobbin	22		
21	32	79	VOL		0.45	4C	-0.11	121	PP	68	OD	
21	33	16	DOS		0.40	5C	0.36	42	Bobbin	19		
21	33	43	PVN		10.00	5C	4.85	18	Bobbin	12		
21	33	54	DOS		0.36	1H	0.10	96	Bobbin	17		
21	33	55	DOS		0.36	1H	0.06	61	Bobbin	18		
21	33	59	TWD	23	0.60	7H	58.18	0	Bobbin	18		
21	33	60	DOS		0.81	1H	0.02	74	Bobbin	17		
21	34	23	DOS		0.87	1H	0.02	94	Bobbin	18		
21	34	25	DOS		0.25	1H	0.00	140	Bobbin	18		
21	34	28	DOS		1.35	1H	0.04	93	Bobbin	21		
21	34	33	TWD	11	0.20	7H	88.69	0	Bobbin	16		
21	34	33	TWD	10	0.18	7H	32.69	0	Bobbin	16		
21	34	33	TWD	17	0.38	7H	59.83	0	Bobbin	16		
21	34	35	DOS		0.37	2H	-0.06	65	Bobbin	15		
21	34	36	DOS		0.34	1H	0.00	45	Bobbin	14		
21	34	38	DOS		0.54	1H	-0.04	102	Bobbin	14		
21	34	42	DOS		0.17	2H	-0.04	88	Bobbin	13		
21	34	48	TWD	13	0.24	7H	59.88	0	Bobbin	13		
21	34	48	TWD	22	0.51	7H	89.40	0	Bobbin	13		
21	34	48	TWD	22	0.51	7H	33.08	0	Bobbin	13		
21	34	48	TWD	34	1.34	7H	115.28	0	Bobbin	13		
21	34	50	DOS		0.62	1H	0.06	130	Bobbin	18		
21	34	50	DOS		0.53	2H	0.02	53	Bobbin	18		
21	34	51	DOS		0.37	1H	-0.02	96	Bobbin	17		
21	34	53	TWD	14	0.25	7H	115.19	0	Bobbin	17		
21	34	57	DOS		0.22	3H	0.00	90	Bobbin	17		
21	34	58	DOS		1.30	1H	0.09	78	Bobbin	18		
21	34	64	DOS		0.51	1H	0.19	79	Bobbin	19		
21	34	71	DOS		0.35	3H	0.06	125	Bobbin	19		
21	34	72	DOS		0.67	1H	0.24	102	Bobbin	20		
21	35	17	TWD	12	0.76	2C	0.15	152	Bobbin	19		
21	35	27	DOS		0.59	1H	0.08	113	Bobbin	21		
21	35	38	TWD	17	0.35	7H	33.25	0	Bobbin	15		
21	35	38	TWD	28	0.88	7H	60.00	0	Bobbin	15		
21	35	47	DOS		0.36	5H	0.09	138	Bobbin	12		
21	35	57	DOS		0.15	1H	0.00	123	Bobbin	18		
21	35	57	DOS		0.48	2H	0.02	42	Bobbin	18		
21	35	57	SAI		0.14	2H	-0.09	127	PP	70	OD	
21	35	58	DOS		0.21	1H	0.02	81	Bobbin	17		
21	35	65	TWD	9	0.17	7H	61.04	0	Bobbin	20		
21	35	72	DOS		0.51	1H	0.08	149	Bobbin	19		
21	35	72	DOS		1.08	3H	0.11	84	Bobbin	19		
21	36	20	TWD	10	0.63	2C	0.15	160	Bobbin	18		

**Table 1**  
**Service Induced Indications Identified During 2R13**

SG	Row	Col	Ind	%TW	Volts	Loc	Inch	Deg	Probe	Cal	IDOD	Reason for Plugging
21	36	22	DOS		0.37	1H	-0.09	85	Bobbin	18		
21	36	24	DOS		0.36	1H	-0.02	115	Bobbin	13		
21	36	35	TWD	34	1.31	7H	62.82	0	Bobbin	15		
21	36	45	DOS		0.56	2H	-0.04	97	Bobbin	13		
21	36	47	DOS		0.63	2H	-0.09	116	Bobbin	13		
21	36	50	DOS		0.39	2H	0.09	119	Bobbin	18		
21	36	51	DIS		1.28	1H	-0.02	18	Bobbin	17		
21	36	53	TWD	23	0.51	7H	62.45	0	Bobbin	17		
21	36	53	TWD	20	0.42	7H	34.57	0	Bobbin	17		
21	36	54	TWD	32	1.18	7H	61.93	0	Bobbin	18		
21	36	54	TWD	22	0.56	7H	34.22	0	Bobbin	18		
21	36	59	DOS		0.48	1H	0.06	133	Bobbin	17		
21	36	63	DOS		0.32	1H	0.09	65	Bobbin	20		
21	36	63	SAI		0.41	1H	0.00	101	PP	57	OD	
21	36	67	DOS		0.27	1H	0.17	74	Bobbin	19		
21	36	71	DOS		1.03	2H	0.11	151	Bobbin	20		
21	37	19	TWD	33	2.44	2C	-0.02	117	Bobbin	19		
21	37	21	TWD	20	1.30	1C	0.26	121	Bobbin	18		
21	37	21	TWD	4	0.26	2C	0.00	130	Bobbin	18		
21	37	30	PVN		10.48	3H	8.17	15	Bobbin	21		
21	37	35	DOS		0.60	5H	0.15	126	Bobbin	14		
21	37	40	DOS		0.62	2H	-0.09	42	Bobbin	15		
21	37	54	DOS		0.69	1H	-0.04	115	Bobbin	17		
21	37	72	DOS		0.55	3H	0.09	96	Bobbin	19		
21	38	21	DOS		0.35	1C	0.37	92	Bobbin	19		
21	38	22	DOS		0.68	1C	0.34	126	Bobbin	18		
21	38	37	DOS		0.49	5H	0.15	115	Bobbin	14		
21	38	38	DOS		0.22	3H	-0.04	38	Bobbin	14		
21	38	41	DOS		0.73	2H	-0.15	101	Bobbin	15		
21	38	42	DOS		0.42	2H	0.06	113	Bobbin	13		
21	38	44	DOS		0.92	2H	-0.13	97	Bobbin	13		
21	38	47	DOS		0.67	2H	0.04	115	Bobbin	13		
21	38	49	DOS		0.72	5H	0.18	98	Bobbin	32		
21	38	52	DOS		0.32	5H	0.11	115	Bobbin	18		
21	38	58	DOS		0.59	1H	0.09	68	Bobbin	18		
21	39	29	DOS		0.92	6H	-0.06	159	Bobbin	20		
21	39	38	DIS		0.63	2H	-0.09	27	Bobbin	15		
21	39	38	DOS		0.94	3H	-0.23	62	Bobbin	15		
21	39	39	DOS		0.67	1H	-0.15	106	Bobbin	14		
21	39	40	FSI		0.36	3C	2.19	53	Bobbin	15		
21	39	53	DIS		0.89	4H	-0.24	27	Bobbin	18		
21	39	54	DOS		1.00	1H	0.04	98	Bobbin	17		
21	39	57	DOS		0.73	1H	0.00	117	Bobbin	18		
21	39	59	DOS		0.58	7C	0.18	120	Bobbin	18		
21	39	60	DOS		1.03	1H	-0.02	76	Bobbin	17		
21	40	36	DOS		0.24	3H	-0.07	120	Bobbin	14		
21	40	37	DOS		0.44	2H	-0.04	69	Bobbin	14		
21	40	37	SAI		0.31	2H	-0.02	102	PP	70	OD	
21	40	38	DOS		0.60	2H	-0.11	70	Bobbin	14		

**Table 1**  
**Service Induced Indications Identified During 2R13**

SG	Row	Col	Ind	%TW	Volts	Loc	Inch	Deg	Probe	Cal	IDOD	Reason for Plugging
21	40	38	SAI		0.16	2H	-0.03	82	PP	71	OD	
21	40	38	SAI		0.37	2H	-0.09	94	PP	71	OD	
21	40	44	DOS		0.48	2H	-0.13	126	Bobbin	13		
21	40	45	DOS		0.33	2H	-0.04	83	Bobbin	13		
21	40	50	DOS		0.56	2H	0.00	117	Bobbin	18		
21	40	51	DOS		0.85	1H	0.11	105	Bobbin	17		
21	40	52	PVN		15.42	3C	3.56	15	Bobbin	18		
21	40	58	DOS		0.48	3H	0.06	27	Bobbin	17		
21	41	32	TWD	7	0.43	1C	0.27	116	Bobbin	21		
21	41	40	DOS		0.36	1H	-0.06	103	Bobbin	15		
21	41	61	DOS		0.32	1H	0.34	69	Bobbin	17		
21	42	32	TWD	11	0.69	1C	0.11	139	Bobbin	20		
21	42	42	DOS		0.42	2H	0.06	62	Bobbin	13		
21	42	42	PVN		14.76	3C	3.89	14	Bobbin	13		
21	42	45	DOS		1.09	2H	-0.09	84	Bobbin	13		
21	42	46	PVN		12.98	2C	40.13	16	Bobbin	13		
21	42	47	DOS		0.14	1H	0.02	71	Bobbin	13		
21	42	57	DOS		1.59	1H	0.13	75	Bobbin	17		
21	42	64	DIS		0.65	6H	0.13	16	Bobbin	19		
21	43	31	DIS		0.78	1H	0.00	19	Bobbin	21		
21	43	32	TWD	14	0.91	1C	0.13	147	Bobbin	21		
21	43	32	VOL		0.43	1C	0.05	118	PP	68	OD	
21	43	35	TWD	10	0.60	2C	-0.11	151	Bobbin	15		
21	43	36	TWD	11	0.67	1C	0.30	88	Bobbin	15		
21	43	53	DOS		0.30	1H	0.06	95	Bobbin	18		
21	43	53	DOS		0.24	2H	0.11	116	Bobbin	18		
21	44	34	DOS		0.52	1C	0.36	45	Bobbin	15		
21	44	35	DOS		0.37	1C	-0.25	57	Bobbin	15		
21	44	36	DIS		1.02	1H	-0.09	27	Bobbin	14		
21	44	36	TWD	8	0.47	3C	-0.20	143	Bobbin	14		
21	44	38	DOS		0.15	5H	0.00	75	Bobbin	14		
21	44	42	DOS		0.33	2H	0.00	126	Bobbin	13		
21	44	45	DOS		0.33	2H	0.00	69	Bobbin	13		
21	44	47	DIS		0.15	1H	0.02	20	Bobbin	13		
21	44	55	DIS		0.67	1H	0.06	21	Bobbin	17		
21	44	55	SAI		0.13	1H	-0.03	122	PP	70	OD	
21	44	57	DIS		0.77	2H	0.02	18	Bobbin	17		
21	44	57	SAI		0.12	2H	-0.07	131	PP	70	OD	
21	44	61	TWD	6	0.37	3C	-0.30	86	Bobbin	18		
21	44	61	VOL		0.19	3C	-0.27	113	PP	68	OD	
21	45	38	DOS		0.42	1H	0.02	42	Bobbin	15		
21	45	38	DOS		0.73	5H	0.04	56	Bobbin	15		
21	45	40	DOS		0.71	2H	-0.23	92	Bobbin	15		
21	45	40	DIS		0.67	5H	-0.06	40	Bobbin	15		
21	45	47	PVN		10.29	4C	-0.11	197	Bobbin	12		
21	45	58	TWD	5	0.27	1C	0.32	123	Bobbin	18		
21	45	58	VOL		0.17	1C	0.35	107	PP	68	OD	
21	46	45	DOS		0.48	5H	-0.04	127	Bobbin	13		
21	46	48	TWD	7	0.42	1C	0.13	132	Bobbin	13		

**Table 1**  
**Service Induced Indications Identified During 2R13**

SG	Row	Col	Ind	%TW	Volts	Loc	Inch	Deg	Probe	Cal	IDOD	Reason for Plugging
21	46	48	VOL		0.25	1C	0.14	126	PP	68	OD	
21	46	49	TWD	15	0.97	1C	0.13	135	Bobbin	32		

**Table 1**  
**Service Induced Indications Identified During 2R13**

SG	Row	Col	Ind	%TW	Volts	Loc	Inch	Deg	Probe	Cal	IDOD	Reason for Plugging
22	1	8	DIS		0.44	2H	-0.02	17	Bobbin	4		
22	1	11	DIS		1.03	2H	-0.18	19	Bobbin	4		
22	1	14	DOS		0.48	1H	0.09	60	Bobbin	4		
22	1	15	DOS		0.62	3H	0.21	101	Bobbin	4		
22	1	16	DIS		1.55	1H	0.09	27	Bobbin	4		
22	1	36	DOS		0.16	4C	-0.02	59	Bobbin	4		
22	1	52	DOS		0.44	1H	-0.05	101	Bobbin	4		
22	1	52	DOS		0.32	3H	-0.05	78	Bobbin	4		
22	1	58	DOS		1.05	1H	-0.14	100	Bobbin	6		
22	1	58	DOS		0.36	3H	0.00	72	Bobbin	6		
22	1	60	DOS		0.23	3H	-0.05	50	Bobbin	6		
22	1	63	DOS		0.15	3H	0.00	100	Bobbin	6		
22	1	65	DOS		0.35	2H	0.02	47	Bobbin	6		
22	1	69	DOS		0.29	2H	-0.07	55	Bobbin	6		
22	1	80	DIS		1.42	1H	-0.05	20	Bobbin	6		
22	1	81	DIS		1.44	1H	0.09	28	Bobbin	6		
22	1	82	PVN		18.13	4H	35.71	21	Bobbin	6		
22	1	85	DIS		0.95	1H	-0.02	24	Bobbin	6		
22	1	86	DIS		1.52	1H	0.11	16	Bobbin	6		
22	1	87	DIS		1.44	1H	-0.09	22	Bobbin	6		
22	2	7	DOS		0.33	2H	0.02	121	Bobbin	4		
22	2	8	DOS		0.83	2H	-0.02	72	Bobbin	3		
22	2	8	DOS		0.37	3H	-0.04	64	Bobbin	3		
22	2	9	DOS		0.32	3H	-0.05	134	Bobbin	4		
22	2	13	DIS		0.36	4H	-0.12	40	Bobbin	4		
22	2	40	SAI		0.40	1H	-0.54	11	PP	22	ID	SAI-ID/SCI-OD @ 1H
22	2	40	SCI		0.13	1H	-0.33	111	PP	22	OD	SAI-ID/SCI-OD @ 1H
22	2	40	SCI		0.15	1H	-0.25	131	PP	22	OD	SAI-ID/SCI-OD @ 1H
22	2	41	DIS		2.95	1H	0.79	18	Bobbin	6		
22	2	41	SAI		0.84	1H	0.53	14	PP	22	ID	
22	2	41	SAI		0.36	1H	-0.64	6	PP	22	ID	
22	2	48	DOS		0.54	2H	0.00	92	Bobbin	3		
22	2	53	DOS		0.57	2H	-0.02	59	Bobbin	6		
22	2	53	SAI		0.11	2H	0.03	125	PP	54	OD	
22	2	53	SAI		0.23	2H	0.00	109	PP	54	OD	
22	2	55	DOS		0.41	4C	0.07	76	Bobbin	9		
22	2	59	DOS		0.24	2H	-0.07	55	Bobbin	6		
22	2	68	DOS		0.21	4C	-0.23	69	Bobbin	8		
22	2	77	DOS		0.25	1H	0.14	65	Bobbin	6		
22	2	79	DIS		1.09	2H	0.16	23	Bobbin	6		
22	2	85	DIS		1.14	2H	-0.11	15	Bobbin	6		
22	2	93	TWD	22	1.53	2C	-0.10	127	Bobbin	5		
22	2	94	TWD	16	1.07	2C	-0.05	132	Bobbin	6		
22	3	1	TWD	12	0.76	1C	-0.20	148	Bobbin	10		
22	3	1	VOL		0.26	1C	-0.17	126	PP	64	OD	
22	3	6	DOS		1.12	2H	-0.04	72	Bobbin	3		
22	3	6	SAI		0.37	2H	0.02	85	PP	55	OD	
22	3	6	SAI		0.61	2H	-0.01	86	PP	55	OD	



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**Service Induced Indications Identified During 2R13**

SG	Row	Col	Ind	%TW	Volts	Loc	Inch	Deg	Probe	Cal	IDOD	Reason for Plugging
22	3	6	DIS		0.44	3H	0.00	21	Bobbin	3		
22	3	12	DIS		0.70	2H	-0.05	27	Bobbin	4		
22	3	13	DOS		0.56	4H	0.17	125	Bobbin	3		
22	3	18	DOS		0.61	6C	-0.10	90	Bobbin	3		
22	3	27	DOS		0.71	2H	-0.06	79	Bobbin	3		
22	3	28	DIS		0.40	1H	0.00	15	Bobbin	3		
22	3	47	PVN		12.02	4C	28.39	23	Bobbin	5		
22	3	48	DOS		0.38	1H	-0.32	131	Bobbin	4		
22	3	49	DOS		0.29	1H	-0.04	77	Bobbin	3		
22	3	56	DOS		0.69	1H	0.02	82	Bobbin	5		
22	3	59	DOS		0.15	3H	-0.08	78	Bobbin	5		
22	3	67	DOS		0.59	2H	-0.02	100	Bobbin	5		
22	3	69	DOS		0.19	2H	-0.02	121	Bobbin	5		
22	3	70	DOS		0.91	1H	0.09	108	Bobbin	6		
22	3	76	DOS		0.45	4H	-0.05	104	Bobbin	6		
22	3	77	DOS		0.63	5H	-0.13	118	Bobbin	5		
22	3	85	PVN		11.11	4H	11.75	13	Bobbin	5		
22	4	2	TWD	16	1.03	1C	-0.09	132	Bobbin	9		
22	4	2	TWD	12	0.77	2C	0.00	139	Bobbin	9		
22	4	13	DOS		0.43	1H	0.07	90	Bobbin	4		
22	4	19	DOS		0.51	2H	-0.11	60	Bobbin	4		
22	4	28	SAI		0.92	1H	0.16	12	PP	22	ID	
22	4	29	SAI		0.25	1H	-0.31	126	PP	29	OD	AONDB @ >5V DENT @ 1H
22	4	34	DIS		0.59	4H	-0.30	27	Bobbin	4		
22	4	34	SAI		0.31	4H	0.07	8	PP	22	ID	
22	4	36	DOS		0.15	1H	0.04	75	Bobbin	3		
22	4	39	DOS		0.32	3H	-0.07	119	Bobbin	6		
22	4	43	DOS		0.66	1H	0.21	120	Bobbin	6		
22	4	43	DOS		0.43	2H	0.02	135	Bobbin	6		
22	4	44	DOS		0.19	1H	0.00	84	Bobbin	5		
22	4	44	PVN		11.26	3C	11.09	199	Bobbin	5		
22	4	44	DOS		0.21	3H	0.02	134	Bobbin	5		
22	4	52	DOS		0.30	2H	0.00	86	Bobbin	3		
22	4	56	DOS		0.71	1H	-0.09	83	Bobbin	6		
22	4	68	DOS		0.37	1H	0.02	122	Bobbin	6		
22	4	69	DOS		0.28	2H	-0.05	130	Bobbin	6		
22	4	70	DOS		0.58	3C	0.07	130	Bobbin	8		
22	4	71	DOS		0.19	2H	-0.02	93	Bobbin	6		
22	4	78	DOS		0.36	4H	-0.14	129	Bobbin	5		
22	4	83	TWD	15	0.96	2C	-0.14	146	Bobbin	5		
22	4	88	DOS		0.34	4H	-0.04	106	Bobbin	5		
22	4	88	DOS		0.41	6H	0.00	114	Bobbin	5		
22	4	90	DOS		0.27	2H	-0.08	78	Bobbin	5		
22	4	90	DOS		0.47	4H	-0.02	84	Bobbin	5		
22	4	93	TWD	17	1.11	2C	-0.10	139	Bobbin	5		
22	5	1	TWD	35	2.61	1C	-0.11	121	Bobbin	10		
22	5	1	VOL		1.12	1C	-0.15	108	PP	64	OD	
22	5	1	DIS		0.27	1H	0.00	26	Bobbin	3		
22	5	1	DOS		0.78	4H	-0.04	146	Bobbin	3		

**Table 1**  
**Service Induced Indications Identified During 2R13**

SG	Row	Col	Ind	%TW	Volts	Loc	Inch	Deg	Probe	Cal	IDOD	Reason for Plugging
22	5	3	DIS		0.29	1H	0.29	50	Bobbin	3		
22	5	3	SAI		0.58	1H	-0.04	9	PP	22	ID	
22	5	7	DOS		0.29	3C	0.10	92	Bobbin	9		
22	5	8	DOS		0.32	6C	-0.18	79	Bobbin	3		
22	5	10	DOS		0.38	2H	0.04	105	Bobbin	3		
22	5	12	DIS		0.63	1H	-0.04	17	Bobbin	3		
22	5	18	SAI		1.35	TSH	-1.05	24	PP	22	ID	
22	5	22	DIS		0.44	1H	-0.04	22	Bobbin	3		
22	5	26	SAI		0.73	1H	-0.25	15	PP	22	ID	
22	5	30	SCI		0.13	1H	0.31	112	PP	29	OD	SCI-OD @ 1H
22	5	41	DOS		0.41	2H	-0.10	91	Bobbin	5		
22	5	41	SAI		0.32	2H	-0.03	107	PP	58	OD	
22	5	50	DOS		0.33	4C	0.00	114	Bobbin	9		
22	5	61	DOS		1.17	1H	-0.04	112	Bobbin	5		
22	5	61	DOS		1.20	2H	0.02	87	Bobbin	5		
22	5	62	DOS		0.54	1H	0.04	111	Bobbin	5		
22	5	72	DOS		0.50	1H	0.02	112	Bobbin	5		
22	5	72	DOS		0.49	2H	-0.02	48	Bobbin	5		
22	5	75	DOS		0.48	1H	0.00	87	Bobbin	5		
22	5	85	DOS		0.37	2C	0.10	72	Bobbin	5		
22	5	88	DOS		0.57	3C	0.09	107	Bobbin	6		
22	5	88	DOS		0.54	3H	-0.23	91	Bobbin	5		
22	6	6	DOS		0.45	2H	0.11	65	Bobbin	29		
22	6	11	DOS		0.44	5C	-0.04	88	Bobbin	30		
22	6	12	DIS		0.47	1H	0.06	18	Bobbin	30		
22	6	24	DIS		2.39	1H	-0.19	22	Bobbin	31		
22	6	24	SAI		0.69	1H	-0.32	15	PP	22	ID	
22	6	31	DIS		1.88	1H	-0.32	36	Bobbin	36		
22	6	31	SAI		1.36	1H	-0.33	22	PP	22	ID	
22	6	31	SAI		0.48	1H	-0.11	10	PP	22	ID	
22	6	31	PVN		12.97	3C	0.42	13	Bobbin	36		
22	6	36	SAI		0.61	1H	-0.20	12	PP	22	ID	
22	6	40	PVN		10.89	3C	1.48	13	Bobbin	39		
22	6	41	DOS		0.39	1H	0.06	81	Bobbin	39		
22	6	43	DOS		0.60	1H	0.32	116	Bobbin	32		
22	6	43	DOS		0.73	1H	0.28	121	Bobbin	39		
22	6	46	DOS		1.58	2H	0.02	82	Bobbin	39		
22	6	49	SAI		0.45	1H	-0.25	17	PP	22	ID	
22	6	54	DOS		0.37	3H	-0.02	93	Bobbin	34		
22	6	55	DOS		0.34	1H	0.02	120	Bobbin	34		
22	6	55	DOS		0.63	3H	0.06	75	Bobbin	34		
22	6	57	DOS		0.37	1H	0.15	124	Bobbin	33		
22	6	58	DOS		0.18	2H	0.04	100	Bobbin	34		
22	6	64	DOS		0.25	1H	0.08	147	Bobbin	34		
22	6	70	DOS		0.56	1H	0.18	109	Bobbin	34		
22	6	75	DOS		0.37	1H	0.06	79	Bobbin	34		
22	6	79	DOS		0.85	4H	0.14	75	Bobbin	34		
22	6	82	DOS		0.23	2H	0.00	84	Bobbin	36		
22	6	85	DOS		0.92	1H	-0.10	112	Bobbin	36		

**Table 1**  
**Service Induced Indications Identified During 2R13**

SG	Row	Col	Ind	%TW	Volts	Loc	Inch	Deg	Probe	Cal	IDOD	Reason for Plugging
22	6	85	DOS		0.83	3H	-0.04	57	Bobbin	36		
22	6	87	DOS		0.55	4H	0.20	93	Bobbin	36		
22	6	88	DOS		0.22	4C	0.14	108	Bobbin	36		
22	7	2	TWD	10	0.61	1C	-0.19	159	Bobbin	29		
22	7	2	VOL		0.23	1C	-0.10	114	PP	64	OD	
22	7	2	TWD	9	0.54	2C	-0.06	144	Bobbin	29		
22	7	5	DIS		0.38	1H	0.02	19	Bobbin	29		
22	7	5	SAI		0.41	1H	-0.02	14	PP	22	ID	
22	7	26	DOS		0.44	4H	-0.04	76	Bobbin	31		
22	7	26	SAI		0.24	4H	-0.04	115	PP	56	OD	
22	7	27	DIS		0.92	1H	-0.14	29	Bobbin	32		
22	7	27	SAI		0.62	1H	0.18	13	PP	22	ID	
22	7	32	SAI		0.94	1H	-0.32	13	PP	22	ID	
22	7	55	DOS		1.33	1H	-0.06	87	Bobbin	33		
22	7	57	DOS		0.60	1H	-0.04	70	Bobbin	34		
22	7	58	DOS		0.32	2H	0.11	84	Bobbin	33		
22	7	67	DOS		0.17	1H	0.00	95	Bobbin	33		
22	7	67	DOS		0.39	3C	0.02	117	Bobbin	33		
22	7	71	DOS		0.20	2H	0.06	80	Bobbin	33		
22	7	73	DIS		0.76	1H	0.32	44	Bobbin	33		
22	7	73	DOS		1.39	2H	0.06	78	Bobbin	33		
22	7	74	DOS		0.32	2H	0.06	58	Bobbin	33		
22	7	74	DOS		1.07	4H	0.15	100	Bobbin	33		
22	7	77	DOS		0.51	2H	0.04	94	Bobbin	33		
22	7	79	DOS		1.22	2H	0.02	94	Bobbin	33		
22	7	84	DOS		0.16	4C	-0.04	65	Bobbin	35		
22	7	85	DOS		0.42	2H	0.02	43	Bobbin	35		
22	7	87	DOS		0.22	3H	0.06	36	Bobbin	35		
22	7	89	DOS		0.16	1H	0.09	83	Bobbin	35		
22	8	3	TWD	12	0.77	2C	-0.15	152	Bobbin	29		
22	8	13	DIS		0.66	1H	0.30	24	Bobbin	30		
22	8	13	SAI		0.20	1H	-0.19	79	PP	26	OD	
22	8	30	DIS		0.86	1H	-0.12	23	Bobbin	36		
22	8	30	SAI		0.25	1H	-0.06	99	PP	29	OD	
22	8	30	DOS		0.85	2H	-0.14	54	Bobbin	36		
22	8	30	SAI		0.33	2H	-0.19	122	PP	29	OD	
22	8	36	DIS		1.27	1H	0.17	11	Bobbin	36		
22	8	36	DIS		0.40	1H	-0.16	40	Bobbin	36		
22	8	36	SAI		0.79	1H	-0.22	13	PP	22	ID	
22	8	43	DIS		0.54	4H	0.02	21	Bobbin	32		
22	8	43	SAI		0.92	4H	-0.04	15	PP	22	ID	
22	8	47	DOS		0.40	2H	0.00	93	Bobbin	32		
22	8	55	DOS		0.14	1H	0.06	51	Bobbin	31		
22	8	66	DOS		0.47	2H	0.00	128	Bobbin	33		
22	8	71	DOS		0.52	3C	-0.06	85	Bobbin	34		
22	8	83	DOS		0.74	2H	-0.20	64	Bobbin	36		
22	8	91	TWD	10	0.62	2C	0.00	147	Bobbin	36		
22	8	93	TWD	7	0.42	2C	-0.08	131	Bobbin	36		
22	9	9	DOS		0.74	1H	0.11	82	Bobbin	29		

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**Service Induced Indications Identified During 2R13**

SG	Row	Col	Ind	%TW	Volts	Loc	Inch	Deg	Probe	Cal	IDOD	Reason for Plugging
22	9	9	SAI		0.52	1H	0.04	96	PP	55	OD	
22	9	9	SAI		0.12	1H	0.09	111	PP	55	OD	
22	9	11	DIS		0.49	2H	-0.02	22	Bobbin	29		
22	9	32	DIS		0.36	1H	-0.28	49	Bobbin	36		
22	9	32	SAI		0.71	1H	-0.11	11	PP	22	ID	
22	9	33	DIS		0.63	4H	-0.15	27	Bobbin	35		
22	9	55	DOS		0.43	3H	-0.02	55	Bobbin	32		
22	9	56	DOS		0.17	1H	0.02	113	Bobbin	31		
22	9	65	DOS		0.37	1H	0.08	122	Bobbin	34		
22	9	66	DOS		0.20	2H	0.09	60	Bobbin	33		
22	9	67	DOS		0.26	2H	-0.02	93	Bobbin	34		
22	10	2	TWD	18	1.17	3C	0.00	133	Bobbin	29		
22	10	14	SAI		0.29	1H	0.52	15	PP	25	ID	
22	10	14	SAI		0.48	1H	0.67	13	PP	25	ID	
22	10	18	DOS		0.25	2H	0.06	70	Bobbin	31		
22	10	21	DIS		1.70	4H	-0.15	18	Bobbin	31		
22	10	21	SAI		0.23	4H	-0.23	12	PP	22	ID	
22	10	30	SAI		0.49	1H	-0.27	19	PP	22	ID	SCI-ID @ 1H & SAI-ID/SCI-OD
22	10	30	SCI		0.35	1H	0.09	18	PP	22	ID	SCI-ID @ 1H & SAI-ID/SCI-OD
22	10	30	SCI		0.15	1H	-0.03	121	PP	22	OD	SCI-ID @ 1H & SAI-ID/SCI-OD
22	10	32	SAI		0.22	1H	0.51	8	PP	22	ID	
22	10	47	DOS		0.59	1H	0.10	102	Bobbin	32		
22	10	48	SAI		0.43	TSH	-3.12	13	PP	22	ID	
22	10	52	DOS		0.20	1H	0.04	117	Bobbin	32		
22	10	56	SAI		0.69	TSH	-1.03	16	PP	22	ID	
22	10	61	DOS		0.17	1H	0.10	107	Bobbin	34		
22	10	75	DOS		0.24	2H	0.00	59	Bobbin	34		
22	10	76	DOS		0.78	2H	0.06	87	Bobbin	34		
22	11	4	DOS		0.32	2C	-0.06	156	Bobbin	29		
22	11	15	DOS		0.30	2H	0.04	117	Bobbin	31		
22	11	17	SAI		0.48	1H	-0.47	15	PP	22	ID	
22	11	30	SAI		0.62	1H	0.57	16	PP	22	ID	SAI-ID @ 1H >40%TW DOP
22	11	30	SAI		1.31	1H	-0.40	17	PP	22	ID	SAI-ID @ 1H >40%TW DOP
22	11	30	SAI		0.72	1H	-0.19	15	PP	22	ID	SAI-ID @ 1H >40%TW DOP
22	11	31	SCI		0.31	1H	-0.18	104	PP	29	OD	SCI-OD @ 1H
22	11	40	PVN		10.70	3C	25.25	16	Bobbin	35		
22	11	49	DOS		0.58	3H	0.02	46	Bobbin	31		
22	11	61	DOS		0.69	1H	0.13	111	Bobbin	33		
22	11	63	DOS		0.60	4H	0.04	148	Bobbin	33		
22	11	68	DOS		0.22	1H	0.13	120	Bobbin	33		
22	11	69	DOS		0.35	1H	0.02	85	Bobbin	33		
22	11	70	DOS		0.76	1H	0.04	77	Bobbin	33		
22	11	79	DOS		0.39	1H	0.06	66	Bobbin	33		
22	11	79	SAI		0.20	1H	-0.03	95	PP	48	OD	
22	11	79	SAI		0.15	1H	0.01	112	PP	48	OD	
22	11	90	DOS		0.30	3H	0.06	99	Bobbin	36		
22	12	3	TWD	16	1.05	1C	-0.04	128	Bobbin	29		
22	12	3	VOL		0.64	1C	-0.03	125	PP	64	OD	
22	12	20	DOS		0.50	2H	0.06	41	Bobbin	32		

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SG	Row	Col	Ind	%TW	Volts	Loc	Inch	Deg	Probe	Cal	IDOD	Reason for Plugging
22	12	20	PVN		15.00	4C	-0.71	14	Bobbin	32		
22	12	24	PVN		12.88	3C	1.41	16	Bobbin	32		
22	12	39	DIS		0.78	1H	-0.14	115	Bobbin	36		
22	12	39	SAI		0.74	1H	-0.13	13	PP	22	ID	
22	12	45	DOS		0.66	1H	-0.13	98	Bobbin	31		
22	12	47	DOS		0.46	2H	0.08	72	Bobbin	32		
22	12	63	DOS		1.42	1H	0.08	101	Bobbin	34		
22	12	73	PVN		22.56	4H	48.14	12	Bobbin	34		
22	12	75	PVN		10.01	2H	48.39	15	Bobbin	34		
22	12	76	DOS		0.40	2H	0.06	93	Bobbin	34		
22	12	78	DOS		0.79	1H	0.12	125	Bobbin	34		
22	12	86	DOS		0.25	2H	0.02	133	Bobbin	35		
22	12	87	DOS		0.52	4C	0.02	108	Bobbin	36		
22	12	88	DOS		1.01	3H	0.08	45	Bobbin	36		
22	13	3	TWD	16	1.07	1C	-0.07	130	Bobbin	29		
22	13	3	TWD	14	0.91	2C	-0.09	132	Bobbin	29		
22	13	5	TWD	8	0.49	1C	-0.02	141	Bobbin	29		
22	13	12	DOS		0.50	1H	0.06	108	Bobbin	29		
22	13	22	SAI		0.17	1H	-0.15	76	PP	27	OD	
22	13	24	SCI		0.17	1H	-0.28	72	PP	28	OD	SCI-OD @ 1H
22	13	25	DIS		0.66	3H	0.02	40	Bobbin	32		
22	13	25	SAI		0.78	3H	-0.08	15	PP	22	ID	
22	13	26	PVN		10.42	4C	23.76	20	Bobbin	31		
22	13	41	DIS		0.16	1H	-0.02	49	Bobbin	35		
22	13	41	SAI		0.72	1H	-0.13	12	PP	22	ID	
22	13	43	SAI		0.35	TSH	-1.50	18	PP	22	ID	
22	13	59	DOS		0.31	1H	0.11	102	Bobbin	33		
22	13	61	DOS		0.80	1H	0.11	87	Bobbin	33		
22	13	68	DOS		0.45	1H	0.07	86	Bobbin	33		
22	13	76	DOS		0.32	4H	0.02	56	Bobbin	33		
22	14	13	PVN		15.00	4C	1.01	13	Bobbin	20		
22	14	16	DOS		0.45	3H	0.04	101	Bobbin	24		
22	14	18	DOS		0.35	1H	-0.16	62	Bobbin	24		
22	14	35	DOS		0.23	2H	0.13	63	Bobbin	37		
22	14	39	SCI		0.14	1H	-0.39	80	PP	57	OD	SCI-OD @ 1H
22	14	42	DIS		0.88	1H	-0.24	30	Bobbin	28		
22	14	42	SAI		0.25	1H	-0.23	140	PP	57	OD	
22	14	43	DOS		0.44	2H	0.04	106	Bobbin	28		
22	14	45	DIS		2.61	1H	-0.24	12	Bobbin	28		
22	14	45	SAI		0.43	1H	-0.07	8	PP	22	ID	
22	14	46	DIS		0.86	2H	-0.22	36	Bobbin	28		
22	14	46	DOS		0.72	3H	0.04	52	Bobbin	28		
22	14	46	SAI		0.11	3H	-0.01	108	PP	57	OD	
22	14	46	SAI		0.18	3H	0.01	102	PP	57	OD	
22	14	46	SAI		0.09	3H	0.01	93	PP	57	OD	
22	14	50	DIS		0.83	1H	-0.22	31	Bobbin	15		
22	14	50	SAI		0.16	1H	0.08	108	PP	55	OD	
22	14	70	DOS		0.44	2H	-0.04	95	Bobbin	10		
22	14	74	DOS		0.37	1H	-0.04	144	Bobbin	10		

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**Service Induced Indications Identified During 2R13**

SG	Row	Col	Ind	%TW	Volts	Loc	Inch	Deg	Probe	Cal	IDOD	Reason for Plugging
22	14	86	DOS		0.23	2H	-0.04	121	Bobbin	15		
22	14	91	DOS		0.18	1H	0.02	106	Bobbin	15		
22	14	91	TWD	6	0.39	3C	-0.02	57	Bobbin	15		
22	15	14	DOS		0.31	2H	0.02	72	Bobbin	37		
22	15	22	SAI		0.60	1H	-0.03	12	PP	22	ID	
22	15	26	DIS		2.56	1H	-0.20	20	Bobbin	22		
22	15	31	DIS		0.92	1H	-0.21	34	Bobbin	25		
22	15	41	SAI		0.32	1H	-0.19	106	PP	57	OD	AONDB @ >5V DENT @ 1H
22	15	42	DIS		0.32	1H	-0.13	38	Bobbin	27		
22	15	42	SAI		0.49	1H	0.03	12	PP	22	ID	
22	15	43	DOS		0.15	1H	0.00	131	Bobbin	27		
22	15	45	DOS		0.35	1H	-0.08	122	Bobbin	27		
22	15	51	DIS		1.78	1H	-0.32	15	Bobbin	16		
22	15	51	SAI		0.42	1H	-0.18	7	PP	22	ID	
22	15	53	SCI		0.21	1H	0.03	93	PP	55	OD	SCI-OD @ 1H
22	15	57	DOS		0.84	5H	0.24	104	Bobbin	37		
22	15	59	DOS		0.36	2H	-0.02	123	Bobbin	37		
22	15	63	DOS		0.40	1H	0.00	71	Bobbin	7		
22	15	66	DOS		1.29	1H	-0.06	84	Bobbin	7		
22	15	68	DOS		0.70	1H	0.04	93	Bobbin	7		
22	15	73	DOS		0.67	1H	-0.04	37	Bobbin	10		
22	15	73	SAI		0.46	1H	0.00	92	PP	49	OD	
22	15	90	DOS		0.18	2H	0.00	82	Bobbin	14		
22	16	10	PVN		19.36	3C	38.56	13	Bobbin	20		
22	16	32	DOS		0.99	2H	-0.24	45	Bobbin	26		
22	16	32	SAI		0.17	2H	0.18	130	PP	30	OD	
22	16	40	DIS		0.60	6H	-0.22	33	Bobbin	27		
22	16	42	DOS		0.49	2H	0.00	80	Bobbin	28		
22	16	42	SAI		0.39	2H	-0.07	108	PP	57	OD	
22	16	42	SAI		0.23	2H	0.04	108	PP	57	OD	
22	16	44	DOS		0.35	1H	0.06	118	Bobbin	28		
22	16	49	DIS		0.76	1H	-0.08	22	Bobbin	27		
22	16	49	SAI		0.97	1H	-0.15	12	PP	22	ID	
22	16	50	DOS		1.43	1H	-0.10	126	Bobbin	14		
22	16	50	SAI		0.20	1H	0.02	125	PP	55	OD	
22	16	50	SAI		0.34	1H	-0.06	86	PP	55	OD	
22	16	50	DOS		0.27	3H	-0.02	105	Bobbin	14		
22	16	50	PVN		10.14	3H	15.17	14	Bobbin	14		
22	16	64	DOS		1.82	1H	0.04	89	Bobbin	37		
22	16	64	SAI		0.28	1H	-0.02	90	PP	50	OD	
22	16	64	SAI		1.17	1H	0.06	78	PP	50	OD	
22	16	64	SAI		0.54	1H	0.02	102	PP	50	OD	
22	16	64	DOS		0.21	2H	0.02	112	Bobbin	37		
22	16	64	DOS		0.27	2H	-0.02	102	Bobbin	8		
22	16	72	DOS		0.40	2H	0.00	111	Bobbin	11		
22	16	75	DOS		0.25	1H	-0.07	103	Bobbin	10		
22	16	79	PVN		11.46	3H	11.73	15	Bobbin	12		
22	17	5	TWD	7	0.44	2C	-0.21	133	Bobbin	19		
22	17	5	VOL		0.26	2C	-0.20	136	PP	64	OD	

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**Service Induced Indications Identified During 2R13**

SG	Row	Col	Ind	%TW	Volts	Loc	Inch	Deg	Probe	Cal	IDOD	Reason for Plugging
22	17	12	DIS		3.13	1H	-0.16	12	Bobbin	19		
22	17	12	SAI		0.69	1H	0.19	11	PP	22	ID	
22	17	12	SAI		0.31	1H	-0.42	5	PP	22	ID	
22	17	12	SAI		0.48	1H	-0.09	14	PP	22	ID	
22	17	19	DOS		0.30	1H	0.10	84	Bobbin	26		
22	17	20	DOS		0.43	1H	-0.02	49	Bobbin	25		
22	17	29	SCI		0.21	4H	-0.10	47	PP	29	OD	SCI-OD @ 4H
22	17	33	DOS		0.45	2H	0.02	114	Bobbin	25		
22	17	40	DOS		0.43	2H	0.08	44	Bobbin	28		
22	17	42	SAI		0.30	1H	-0.25	120	PP	31	OD	
22	17	45	DOS		0.63	1H	0.06	101	Bobbin	27		
22	17	65	DOS		0.24	1H	0.04	114	Bobbin	8		
22	17	71	DOS		0.55	1H	-0.12	58	Bobbin	11		
22	17	73	DOS		0.24	2H	-0.02	51	Bobbin	10		
22	17	74	DOS		0.92	2H	-0.02	75	Bobbin	11		
22	17	78	DOS		0.24	2H	-0.06	62	Bobbin	11		
22	17	82	DOS		0.36	3H	-0.04	58	Bobbin	13		
22	17	84	DOS		0.34	1H	0.04	130	Bobbin	13		
22	17	87	DOS		0.29	3H	-0.08	84	Bobbin	14		
22	17	88	DOS		0.60	1H	0.10	59	Bobbin	14		
22	17	88	SAI		0.21	1H	-0.04	97	PP	59	OD	
22	17	88	SAI		0.18	1H	-0.14	114	PP	59	OD	
22	17	88	SAI		0.14	1H	-0.10	117	PP	59	OD	
22	17	88	SAI		0.35	1H	0.04	101	PP	59	OD	
22	17	89	DOS		0.71	2H	0.02	25	Bobbin	14		
22	17	89	SAI		0.30	2H	-0.09	106	PP	59	OD	
22	17	89	DOS		0.39	3H	-0.02	116	Bobbin	14		
22	18	10	SAI		0.48	1H	-0.32	11	PP	22	ID	
22	18	10	DOS		0.43	3C	0.00	111	Bobbin	20		
22	18	21	DOS		0.66	1H	0.00	81	Bobbin	26		
22	18	45	DOS		0.71	2H	0.00	103	Bobbin	28		
22	18	47	DOS		0.28	1H	0.04	37	Bobbin	28		
22	18	66	DOS		0.55	1H	0.02	122	Bobbin	8		
22	18	66	DOS		0.52	2H	0.02	100	Bobbin	8		
22	18	66	DOS		0.24	3H	-0.04	106	Bobbin	8		
22	18	69	DOS		0.82	1H	-0.12	80	Bobbin	11		
22	18	76	DOS		0.67	1H	-0.09	144	Bobbin	10		
22	18	78	DOS		0.18	1H	-0.07	132	Bobbin	12		
22	18	78	DOS		0.59	3H	0.00	84	Bobbin	12		
22	18	83	DOS		0.37	1H	-0.06	121	Bobbin	13		
22	18	83	SAI		0.16	1H	-0.06	86	PP	47	OD	
22	18	83	SAI		0.15	1H	-0.03	119	PP	47	OD	
22	18	85	DOS		0.51	2H	-0.14	60	Bobbin	14		
22	18	85	DOS		0.20	3H	-0.14	104	Bobbin	14		
22	18	86	DOS		0.20	1H	0.00	73	Bobbin	15		
22	19	15	DIS		0.99	1H	0.12	11	Bobbin	24		
22	19	15	SAI		0.48	1H	0.03	7	PP	22	ID	
22	19	26	SCI		0.19	1H	-0.17	115	PP	29	OD	SCI-OD @ 1H
22	19	27	SCI		0.16	1H	0.31	125	PP	29	OD	Multi SCI-OD @ 1H

**Table 1**  
**Service Induced Indications Identified During 2R13**

SG	Row	Col	Ind	%TW	Volts	Loc	Inch	Deg	Probe	Cal	IDOD	Reason for Plugging
22	19	27	SCI		0.20	1H	-0.31	92	PP	29	OD	Multi SCI-OD @ 1H
22	19	32	SCI		0.12	1H	-0.02	122	PP	29	OD	SCI-OD @ 1H
22	19	33	DOS		0.69	1H	-0.06	66	Bobbin	25		
22	19	45	DIS		0.53	1H	0.09	21	Bobbin	27		
22	19	45	SAI		0.34	1H	-0.19	121	PP	57	OD	
22	19	45	DOS		0.33	2H	-0.04	144	Bobbin	27		
22	19	52	TWD	16	0.25	7H	25.70	0	Bobbin	16		
22	19	52	TWD	22	0.39	7H	50.42	0	Bobbin	16		
22	19	52	TWD	16	0.25	7H	37.30	0	Bobbin	16		
22	19	61	DOS		1.18	1H	0.02	55	Bobbin	20		
22	19	61	SAI		0.16	1H	0.05	105	PP	52	OD	
22	19	61	SAI		0.12	1H	0.07	111	PP	52	OD	
22	19	61	SAI		0.15	1H	0.04	109	PP	52	OD	
22	19	61	SAI		0.51	1H	-0.03	87	PP	52	OD	
22	19	61	DOS		0.33	2H	-0.08	45	Bobbin	20		
22	19	63	TWD	26	0.57	7H	36.35	0	Bobbin	8		
22	19	63	TWD	27	0.63	7H	50.00	0	Bobbin	8		
22	19	65	TWD	31	0.86	7H	49.24	0	Bobbin	8		
22	19	65	TWD	25	0.56	7H	34.88	0	Bobbin	8		
22	19	65	TWD	28	0.67	7H	63.09	0	Bobbin	8		
22	19	65	TWD	35	1.81	7H	36.72	0	Bobbin	38		
22	19	68	DOS		0.54	2H	0.00	86	Bobbin	7		
22	19	68	DOS		0.46	4C	-0.02	93	Bobbin	7		
22	19	68	DOS		0.38	4H	0.00	74	Bobbin	7		
22	19	70	DOS		0.40	2H	-0.08	127	Bobbin	11		
22	19	70	SAI		0.13	2H	-0.08	118	PP	49	OD	
22	19	70	SAI		0.14	2H	0.17	136	PP	49	OD	
22	19	70	SAI		0.04	2H	-0.08	114	PP	49	OD	
22	19	75	DIS		0.61	1H	-0.02	29	Bobbin	11		
22	19	75	SAI		0.27	1H	0.00	119	PP	56	OD	
22	19	75	DOS		0.39	2H	-0.04	92	Bobbin	11		
22	19	77	DOS		0.57	1H	-0.04	74	Bobbin	10		
22	19	78	DOS		0.68	2H	0.02	57	Bobbin	13		
22	19	78	SAI		0.34	2H	0.05	122	PP	47	OD	
22	19	81	DOS		0.85	2H	-0.04	80	Bobbin	13		
22	19	81	DOS		1.35	3H	-0.12	93	Bobbin	13		
22	19	83	DOS		0.34	1H	0.00	40	Bobbin	12		
22	19	83	SAI		0.21	1H	0.01	132	PP	48	OD	
22	19	84	DOS		0.43	3H	-0.02	106	Bobbin	15		
22	19	85	DOS		2.07	2H	0.02	85	Bobbin	15		DOS>2V & SAI-OD @ 2H
22	19	85	SAI		0.77	2H	-0.10	100	PP	48	OD	DOS>2V & SAI-OD @ 2H
22	19	85	SAI		1.57	2H	0.02	84	PP	48	OD	DOS>2V & SAI-OD @ 2H
22	19	87	DIS		0.46	3H	0.06	15	Bobbin	14		
22	20	10	DIS		1.38	1H	-0.06	15	Bobbin	20		
22	20	10	DIS		1.59	2H	0.22	27	Bobbin	20		
22	20	22	DOS		0.26	1C	0.00	108	Bobbin	25		
22	20	31	DOS		0.67	1H	0.08	116	Bobbin	26		
22	20	33	DOS		0.21	1H	0.08	135	Bobbin	26		
22	20	34	DOS		0.19	3H	0.00	62	Bobbin	26		



**Table 1**  
**Service Induced Indications Identified During 2R13**

SG	Row	Col	Ind	%TW	Volts	Loc	Inch	Deg	Probe	Cal	IDOD	Reason for Plugging
22	20	41	DOS		0.39	7C	0.21	76	Bobbin	26		
22	20	47	DOS		0.13	1H	0.06	105	Bobbin	28		
22	20	55	DOS		1.34	1H	0.02	84	Bobbin	19		
22	20	55	TWD	12	0.17	7H	52.90	0	Bobbin	19		
22	20	55	TWD	21	0.38	7H	38.22	0	Bobbin	19		
22	20	55	TWD	19	0.33	7H	66.63	0	Bobbin	19		
22	20	58	TWD	16	0.26	7H	52.65	0	Bobbin	19		
22	20	65	TWD	27	0.84	7H	67.68	0	Bobbin	7		
22	20	65	TWD	25	0.73	7H	37.38	0	Bobbin	7		
22	20	65	TWD	36	1.59	7H	37.97	0	Bobbin	7		
22	20	65	TWD	34	1.39	7H	52.46	0	Bobbin	7		
22	20	70	DOS		0.69	2H	-0.04	94	Bobbin	10		
22	20	71	DOS		0.23	2H	-0.04	115	Bobbin	11		
22	20	73	DOS		0.69	2H	-0.02	57	Bobbin	10		
22	20	76	DOS		0.32	2H	-0.09	79	Bobbin	10		
22	20	77	DOS		0.40	1H	0.00	96	Bobbin	11		
22	20	78	DOS		0.88	1H	-0.13	90	Bobbin	12		
22	20	78	SAI		0.78	1H	-0.12	98	PP	48	OD	
22	20	78	DOS		0.98	3H	-0.11	102	Bobbin	12		
22	20	86	DOS		0.47	1H	0.09	75	Bobbin	15		
22	20	86	DOS		0.59	2H	-0.07	55	Bobbin	15		
22	20	87	DOS		0.63	2H	0.26	61	Bobbin	15		
22	21	31	DOS		0.63	2H	-0.04	90	Bobbin	25		
22	21	35	DIS		0.57	2H	0.38	28	Bobbin	22		
22	21	35	SAI		0.47	2H	-0.17	10	PP	22	ID	
22	21	36	TWD	16	0.29	7H	39.14	0	Bobbin	22		
22	21	39	PVN		11.48	3C	21.03	17	Bobbin	21		
22	21	40	DIS		2.07	1H	-0.25	22	Bobbin	21		
22	21	40	SAI		0.63	1H	-0.21	11	PP	22	ID	
22	21	41	DIS		0.75	1H	0.38	28	Bobbin	25		
22	21	41	SAI		0.70	1H	0.29	12	PP	22	ID	
22	21	46	DOS		1.27	1H	0.09	106	Bobbin	27		
22	21	47	TWD	26	0.70	7H	40.21	0	Bobbin	27		
22	21	54	DOS		0.66	4H	-0.26	65	Bobbin	17		
22	21	60	DOS		0.89	1H	-0.16	103	Bobbin	20		
22	21	60	SAI		0.59	1H	-0.08	96	PP	51	OD	
22	21	60	DIS		1.52	5H	-0.30	17	Bobbin	20		
22	21	69	DOS		0.44	1H	-0.07	126	Bobbin	10		
22	21	82	DOS		0.38	1H	-0.04	76	Bobbin	12		
22	21	82	DOS		0.45	2H	-0.11	98	Bobbin	12		
22	21	85	DOS		0.45	1H	-0.02	124	Bobbin	15		
22	21	85	SAI		0.12	1H	0.06	115	PP	48	OD	
22	21	85	SAI		0.12	1H	-0.04	136	PP	48	OD	
22	21	85	DOS		0.43	2H	0.02	78	Bobbin	15		
22	21	85	SAI		0.30	2H	0.04	122	PP	48	OD	
22	21	85	SAI		0.15	2H	-0.05	113	PP	48	OD	
22	21	85	DOS		0.54	3H	0.04	65	Bobbin	15		
22	22	17	DOS		0.67	3H	0.02	48	Bobbin	24		
22	22	24	SCI		0.16	TSH	-0.05	78	PP	27	OD	SCI-OD @ TSH -0.05

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**Service Induced Indications Identified During 2R13**

SG	Row	Col	Ind	%TW	Volts	Loc	Inch	Deg	Probe	Cal	IDOD	Reason for Plugging
22	22	28	DOS		1.36	1H	0.13	100	Bobbin	37		
22	22	28	DIS		0.96	2H	-0.26	23	Bobbin	19		
22	22	28	SAI		0.17	2H	-0.09	112	PP	30	OD	
22	22	31	TWD	32	1.04	7H	40.07	0	Bobbin	22		
22	22	32	DOS		0.80	1H	0.06	65	Bobbin	21		
22	22	42	DOS		0.70	1H	0.13	70	Bobbin	25		
22	22	43	DOS		0.27	1H	0.15	130	Bobbin	27		
22	22	43	DOS		0.52	2H	0.02	69	Bobbin	27		
22	22	44	DIS		0.52	4H	-0.21	54	Bobbin	27		
22	22	44	SAI		0.40	4H	-0.35	9	PP	22	ID	
22	22	50	DOS		0.46	4H	0.31	79	Bobbin	15		
22	22	55	DIS		2.59	1H	-0.22	12	Bobbin	19		
22	22	55	SAI		0.50	1H	0.16	12	PP	22	ID	
22	22	59	DIS		1.44	4H	-0.28	19	Bobbin	21		
22	22	62	DIS		0.62	1H	0.04	33	Bobbin	8		
22	22	62	SAI		0.14	1H	0.09	74	PP	56	OD	
22	22	63	TWD	27	0.81	7H	40.54	0	Bobbin	7		
22	22	63	TWD	32	1.20	7H	57.52	0	Bobbin	7		
22	22	63	TWD	8	0.15	7H	74.16	0	Bobbin	7		
22	22	63	TWD	15	0.33	7H	41.09	0	Bobbin	7		
22	22	63	TWD	21	0.51	7H	25.54	0	Bobbin	7		
22	22	69	DOS		0.51	2H	-0.04	75	Bobbin	11		
22	22	69	SAI		0.55	2H	-0.01	98	PP	50	OD	
22	22	69	TWD	20	0.42	7H	58.10	0	Bobbin	11		
22	22	69	TWD	23	0.53	7H	41.34	0	Bobbin	11		
22	22	69	TWD	18	0.34	7H	25.38	0	Bobbin	11		
22	22	80	DOS		0.40	2H	0.00	79	Bobbin	12		
22	22	86	DOS		0.39	2H	-0.02	73	Bobbin	15		
22	22	87	TWD	13	0.83	1C	-0.15	137	Bobbin	15		
22	23	14	DIS		0.80	1H	0.67	23	Bobbin	21		SAI-ID @ 1H >40%TW DOP
22	23	14	SAI		0.59	1H	0.57	18	PP	22	ID	SAI-ID @ 1H >40%TW DOP
22	23	23	DOS		0.69	1H	0.08	98	Bobbin	26		
22	23	31	TWD	23	0.53	7H	41.88	0	Bobbin	21		
22	23	31	TWD	18	0.38	7H	60.22	0	Bobbin	21		
22	23	31	TWD	19	0.40	7H	78.73	0	Bobbin	21		
22	23	31	TWD	21	0.47	7H	27.81	0	Bobbin	21		
22	23	32	TWD	26	0.63	7H	42.29	0	Bobbin	22		
22	23	32	TWD	5	0.11	7H	27.18	0	Bobbin	22		
22	23	32	TWD	13	0.22	7H	60.32	0	Bobbin	22		
22	23	32	TWD	13	0.21	7H	77.96	0	Bobbin	22		
22	23	34	DOS		0.56	2H	-0.21	52	Bobbin	25		
22	23	37	DOS		0.38	2H	-0.02	108	Bobbin	22		
22	23	38	DOS		0.29	2H	0.04	83	Bobbin	22		
22	23	38	TWD	26	0.69	7H	60.12	0	Bobbin	22		
22	23	38	TWD	11	0.17	7H	42.30	0	Bobbin	22		
22	23	38	TWD	10	0.19	7H	78.71	0	Bobbin	22		
22	23	40	DOS		0.18	2H	0.08	89	Bobbin	26		
22	23	40	TWD	12	0.21	7H	43.16	0	Bobbin	26		
22	23	40	TWD	19	0.41	7H	78.53	0	Bobbin	26		

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**Service Induced Indications Identified During 2R13**

SG	Row	Col	Ind	%TW	Volts	Loc	Inch	Deg	Probe	Cal	IDOD	Reason for Plugging
22	23	40	TWD	12	0.21	7H	60.16	0	Bobbin	26		
22	23	41	TWD	12	0.20	7H	77.72	0	Bobbin	25		
22	23	41	TWD	18	0.35	7H	27.46	0	Bobbin	25		
22	23	41	TWD	23	0.51	7H	42.98	0	Bobbin	25		
22	23	41	TWD	34	1.17	7H	43.48	0	Bobbin	25		
22	23	41	TWD	32	1.00	7H	60.88	0	Bobbin	25		
22	23	43	DOS		0.49	2H	-0.08	100	Bobbin	28		
22	23	44	TWD	34	1.40	7H	60.73	0	Bobbin	28		
22	23	44	TWD	23	0.54	7H	27.50	0	Bobbin	28		
22	23	46	PVN		10.93	3C	24.36	14	Bobbin	28		
22	23	47	DOS		1.17	2H	0.00	67	Bobbin	27		
22	23	48	DOS		0.38	2H	0.09	138	Bobbin	27		
22	23	49	TWD	27	0.70	7H	60.34	0	Bobbin	27		
22	23	49	TWD	35	1.35	7H	43.79	0	Bobbin	27		
22	23	49	TWD	27	0.72	7H	27.81	0	Bobbin	27		
22	23	51	DOS		1.11	1H	-0.11	146	Bobbin	17		DING OD SAI @ TSC+40
22	23	51	SAI		0.35	1H	-0.10	120	PP	51	OD	DING OD SAI @ TSC+40
22	23	51	SAI		0.79	TSC	40.47	11	PP	65	OD	DING OD SAI @ TSC+40
22	23	53	DOS		0.42	2H	-0.02	45	Bobbin	16		40%TW AVB Wear
22	23	53	SAI		0.34	2H	-0.08	96	PP	51	OD	40%TW AVB Wear
22	23	53	TWD	40	1.91	7H	60.81	0	Bobbin	16		40%TW AVB Wear
22	23	53	TWD	20	0.34	7H	77.31	0	Bobbin	16		40%TW AVB Wear
22	23	53	TWD	37	1.50	7H	43.42	0	Bobbin	16		40%TW AVB Wear
22	23	53	TWD	19	0.30	7H	27.25	0	Bobbin	16		40%TW AVB Wear
22	23	55	DOS		1.05	2H	-0.22	77	Bobbin	18		
22	23	55	DOS		0.48	3H	-0.08	121	Bobbin	18		
22	23	56	DOS		0.66	3H	-0.10	103	Bobbin	18		
22	23	59	DIS		0.88	2H	0.24	31	Bobbin	20		
22	23	61	DOS		1.35	1H	0.06	86	Bobbin	20		
22	23	69	DOS		0.52	2H	-0.04	95	Bobbin	10		
22	23	77	DOS		0.41	2H	-0.04	74	Bobbin	10		
22	23	77	SAI		0.33	2H	-0.02	101	PP	47	OD	
22	23	86	DOS		0.26	1H	-0.06	75	Bobbin	14		
22	23	86	PVN		11.67	3H	45.79	12	Bobbin	14		
22	23	87	DOS		0.39	4H	0.26	72	Bobbin	14		
22	24	16	DOS		0.23	2H	0.02	83	Bobbin	24		
22	24	30	SCI		0.30	1H	0.07	146	PP	30	OD	SCI-OD @ 1H
22	24	30	DOS		0.45	2C	-0.08	84	Bobbin	20		SCI-OD @ 1H
22	24	31	DOS		1.40	1H	0.24	100	Bobbin	22		
22	24	38	PVN		11.09	3C	11.83	15	Bobbin	21		
22	24	40	DIS		0.88	2H	0.06	28	Bobbin	26		
22	24	40	SAI		0.18	2H	-0.03	104	PP	32	OD	
22	24	52	DOS		0.24	3H	-0.04	71	Bobbin	17		
22	24	52	SAI		0.08	3H	-0.10	112	PP	55	OD	
22	24	56	DIS		0.66	3H	-0.04	19	Bobbin	19		
22	24	62	PVN		13.72	4H	-0.02	193	Bobbin	8		
22	24	68	DOS		0.16	1H	-0.07	99	Bobbin	8		
22	24	68	DOS		0.33	2H	-0.04	97	Bobbin	8		
22	24	87	TWD	21	1.42	2C	-0.09	117	Bobbin	15		

**Table 1**  
**Service Induced Indications Identified During 2R13**

SG	Row	Col	Ind	%TW	Volts	Loc	Inch	Deg	Probe	Cal	IDOD	Reason for Plugging
22	25	8	SAI		0.23	1H	-0.08	122	PP	23	OD	
22	25	11	DOS		0.55	2H	0.04	66	Bobbin	19		
22	25	11	DOS		0.27	3H	0.10	76	Bobbin	19		
22	25	11	SAI		0.21	3H	0.03	115	PP	55	OD	
22	25	13	DOS		1.40	1H	0.02	86	Bobbin	21		
22	25	15	DIS		0.59	1H	-0.21	38	Bobbin	24		
22	25	21	DOS		0.28	1H	0.09	79	Bobbin	25		
22	25	21	SAI		0.24	1H	0.04	100	PP	56	OD	
22	25	28	DOS		0.75	3H	-0.12	65	Bobbin	20		
22	25	43	DOS		1.63	1H	-0.02	97	Bobbin	21		
22	25	44	DOS		0.92	1H	0.08	164	Bobbin	21		
22	25	44	DIS		1.44	5H	0.32	21	Bobbin	21		
22	25	44	SAI		0.48	5H	-0.03	8	PP	22	ID	
22	25	45	DOS		0.34	2H	-0.02	108	Bobbin	21		
22	25	46	DIS		0.96	2H	0.04	27	Bobbin	21		
22	25	46	SAI		0.40	2H	0.08	114	PP	32	OD	
22	25	47	DOS		0.72	2H	-0.08	49	Bobbin	27		
22	25	48	DOS		1.04	2H	0.04	83	Bobbin	27		
22	25	49	PVN		10.21	3C	17.21	12	Bobbin	25		
22	25	52	DOS		0.37	1H	-0.22	113	Bobbin	16		
22	25	52	DOS		0.14	4H	-0.08	67	Bobbin	16		
22	25	63	TWD	25	0.53	7H	46.44	0	Bobbin	8		
22	25	65	DOS		0.28	2H	-0.04	83	Bobbin	8		
22	25	67	DOS		0.52	2H	-0.09	87	Bobbin	8		
22	25	70	TWD	10	0.15	7H	65.69	0	Bobbin	11		
22	25	85	PVN		12.41	3H	13.00	18	Bobbin	15		
22	26	16	DOS		0.24	3H	0.08	110	Bobbin	14		
22	26	17	DOS		0.16	1H	0.13	81	Bobbin	13		
22	26	17	DOS		0.70	2H	-0.11	111	Bobbin	13		
22	26	17	DIS		1.00	3H	0.02	30	Bobbin	13		
22	26	17	SAI		0.12	3H	0.01	96	PP	41	OD	
22	26	17	SAI		0.20	3H	0.02	98	PP	41	OD	
22	26	19	DOS		0.46	2H	0.04	124	Bobbin	13		
22	26	33	PVN		10.45	4C	1.19	14	Bobbin	15		
22	26	40	DOS		1.13	2H	-0.09	106	Bobbin	17		
22	26	42	DOS		0.29	2H	0.11	79	Bobbin	17		
22	26	43	DOS		0.45	1H	0.04	97	Bobbin	17		
22	26	43	DOS		0.66	2H	0.06	77	Bobbin	17		
22	26	44	DOS		0.54	1H	0.02	96	Bobbin	17		
22	26	44	DOS		0.52	2H	0.09	122	Bobbin	17		
22	26	45	DOS		0.30	1H	0.15	89	Bobbin	17		
22	26	49	DOS		0.83	1H	0.00	75	Bobbin	19		
22	26	53	DIS		0.49	2H	-0.02	38	Bobbin	17		
22	26	64	TWD	34	1.09	7H	67.23	0	Bobbin	8		
22	26	64	TWD	35	1.26	7H	47.73	0	Bobbin	8		
22	26	65	TWD	15	0.32	7H	26.50	0	Bobbin	7		
22	26	65	TWD	22	0.57	7H	47.63	0	Bobbin	7		
22	26	65	TWD	34	1.38	7H	67.56	0	Bobbin	7		
22	26	65	TWD	16	0.34	7H	89.14	0	Bobbin	7		

**Table 1**  
**Service Induced Indications Identified During 2R13**

SG	Row	Col	Ind	%TW	Volts	Loc	Inch	Deg	Probe	Cal	IDOD	Reason for Plugging
22	26	71	DOS		0.29	3H	-0.08	103	Bobbin	11		
22	26	85	DOS		0.51	3H	0.20	142	Bobbin	14		
22	27	12	DOS		0.68	1H	0.00	54	Bobbin	14		
22	27	12	TWD	5	0.31	2C	-0.02	153	Bobbin	14		
22	27	12	VOL		0.16	2C	0.02	118	PP	64	OD	
22	27	15	DOS		0.49	1H	0.02	37	Bobbin	14		
22	27	33	DOS		0.31	2H	0.08	54	Bobbin	16		
22	27	34	DOS		0.22	2H	0.06	100	Bobbin	15		
22	27	35	DOS		0.50	2H	-0.10	125	Bobbin	16		
22	27	44	TWD	35	1.06	7H	70.69	0	Bobbin	18		
22	27	44	TWD	20	0.30	7H	48.78	0	Bobbin	18		
22	27	44	TWD	24	0.42	7H	29.04	0	Bobbin	18		
22	27	49	TWD	14	0.24	7H	49.46	0	Bobbin	20		
22	27	49	TWD	27	0.68	7H	70.39	0	Bobbin	20		
22	27	49	TWD	18	0.33	7H	91.64	0	Bobbin	20		
22	27	50	DIS		0.68	3H	0.24	22	Bobbin	14		
22	27	50	SAI		0.18	3H	-0.13	121	PP	41	OD	
22	27	53	DOS		0.63	4H	0.18	120	Bobbin	16		
22	27	55	TWD	33	0.98	7H	48.82	0	Bobbin	18		
22	27	57	TWD	15	0.22	7H	28.02	0	Bobbin	19		
22	27	58	TWD	10	0.13	7H	92.71	0	Bobbin	18		
22	27	58	TWD	22	0.40	7H	70.39	0	Bobbin	18		
22	27	69	PVN		16.32	4H	-2.55	195	Bobbin	10		
22	27	70	DIS		0.31	2H	0.00	21	Bobbin	11		
22	27	76	DOS		0.35	1H	-0.02	107	Bobbin	11		
22	27	81	PVN		22.11	TSC	46.19	22	Bobbin	13		
22	28	17	DOS		0.19	1H	0.02	129	Bobbin	14		
22	28	22	DOS		0.67	3H	0.02	51	Bobbin	14		
22	28	24	PVN		12.19	4C	48.70	14	Bobbin	13		
22	28	32	TWD	35	1.78	7H	72.90	0	Bobbin	38		
22	28	32	TWD	22	0.49	7H	30.62	0	Bobbin	15		
22	28	32	TWD	32	1.02	7H	49.41	0	Bobbin	15		
22	28	32	TWD	38	1.67	7H	50.38	0	Bobbin	15		
22	28	34	DOS		0.19	2H	0.06	109	Bobbin	16		
22	28	53	DOS		0.76	2H	0.00	65	Bobbin	17		
22	28	53	DOS		0.25	3H	-0.09	67	Bobbin	17		
22	28	54	DOS		0.62	3H	0.00	61	Bobbin	18		
22	28	55	DOS		0.35	2H	0.00	125	Bobbin	19		
22	28	62	DIS		1.25	2H	0.18	30	Bobbin	8		
22	28	64	TWD	26	0.61	7H	72.26	0	Bobbin	8		
22	28	64	TWD	14	0.23	7H	50.06	0	Bobbin	8		
22	28	66	TWD	19	0.33	7H	73.14	0	Bobbin	8		
22	28	70	DOS		0.40	2H	0.00	96	Bobbin	11		
22	28	71	DOS		0.19	2H	-0.04	88	Bobbin	11		
22	28	72	TWD	12	0.19	7H	72.23	0	Bobbin	10		
22	28	72	TWD	29	0.76	7H	93.78	0	Bobbin	10		
22	28	84	TWD	12	0.77	2C	-0.08	152	Bobbin	14		
22	28	84	TWD	8	0.50	3C	0.02	141	Bobbin	14		
22	29	14	PVN		10.74	3C	12.19	12	Bobbin	14		

**Table 1**  
**Service Induced Indications Identified During 2R13**

SG	Row	Col	Ind	%TW	Volts	Loc	Inch	Deg	Probe	Cal	IDOD	Reason for Plugging
22	29	25	DOS		0.98	2H	0.12	119	Bobbin	14		
22	29	25	PVN		11.50	3C	-0.52	187	Bobbin	14		
22	29	27	DOS		0.52	2H	-0.06	103	Bobbin	14		
22	29	28	DOS		0.25	2C	-0.04	93	Bobbin	14		
22	29	31	DOS		1.00	2H	0.11	74	Bobbin	15		
22	29	31	SAI		0.25	2H	-0.02	102	PP	56	OD	
22	29	31	SAI		0.36	2H	-0.01	91	PP	56	OD	
22	29	32	DOS		0.58	1H	-0.02	104	Bobbin	16		
22	29	36	DIS		0.24	2H	0.11	38	Bobbin	15		
22	29	36	SAI		0.12	2H	0.00	115	PP	55	OD	
22	29	36	TWD	16	0.28	7H	75.85	0	Bobbin	15		
22	29	37	DOS		0.23	2H	0.10	49	Bobbin	18		
22	29	39	SAI		0.56	1H	-0.18	6	PP	37	ID	
22	29	41	TWD	24	0.42	7H	52.66	0	Bobbin	18		
22	29	41	TWD	14	0.17	7H	30.71	0	Bobbin	18		
22	29	41	TWD	17	0.23	7H	98.97	0	Bobbin	18		
22	29	42	TWD	12	0.24	7H	30.00	0	Bobbin	17		
22	29	42	TWD	16	0.32	7H	51.29	0	Bobbin	17		
22	29	44	DOS		1.64	2H	-0.06	82	Bobbin	18		
22	29	45	TWD	37	1.37	7H	52.15	0	Bobbin	18		
22	29	45	TWD	20	0.29	7H	98.98	0	Bobbin	18		
22	29	45	TWD	34	1.01	7H	75.97	0	Bobbin	18		
22	29	45	TWD	20	0.31	7H	30.76	0	Bobbin	18		
22	29	48	DOS		0.27	2H	0.04	93	Bobbin	19		
22	29	49	DOS		0.35	3H	-0.06	108	Bobbin	20		
22	29	51	TWD	26	0.62	7H	51.58	0	Bobbin	17		
22	29	51	TWD	13	0.23	7H	75.62	0	Bobbin	17		
22	29	51	TWD	15	0.25	7H	98.86	0	Bobbin	17		
22	29	51	TWD	13	0.23	7H	29.08	0	Bobbin	17		
22	29	52	DOS		0.39	4H	-0.16	43	Bobbin	16		
22	29	58	DOS		0.87	2H	0.20	107	Bobbin	18		
22	29	76	DOS		0.44	1H	0.12	122	Bobbin	11		
22	29	83	TWD	23	1.61	2C	0.00	121	Bobbin	15		
22	30	14	TWD	12	0.77	2C	-0.13	142	Bobbin	13		
22	30	18	DOS		0.40	2H	0.00	84	Bobbin	13		
22	30	20	DOS		0.15	1H	0.11	109	Bobbin	13		
22	30	24	DIS		0.62	3H	0.04	32	Bobbin	13		
22	30	26	DOS		0.48	2H	-0.06	85	Bobbin	13		
22	30	26	SAI		0.19	2H	0.14	116	PP	56	OD	
22	30	26	SAI		0.30	2H	0.09	129	PP	56	OD	
22	30	40	DOS		1.01	1H	-0.11	101	Bobbin	17		
22	30	40	SAI		0.84	1H	-0.13	78	PP	55	OD	
22	30	40	DOS		0.32	2C	-0.02	81	Bobbin	17		
22	30	42	DOS		0.46	3H	0.02	75	Bobbin	18		
22	30	48	DOS		0.69	2H	0.04	47	Bobbin	20		
22	30	53	DOS		0.46	3H	-0.07	49	Bobbin	17		
22	30	55	DOS		0.81	2H	-0.12	86	Bobbin	18		
22	30	55	TWD	15	0.23	7H	78.32	0	Bobbin	18		
22	30	56	DOS		1.56	2H	0.00	71	Bobbin	19		

**Table 1**  
**Service Induced Indications Identified During 2R13**

SG	Row	Col	Ind	%TW	Volts	Loc	Inch	Deg	Probe	Cal	IDOD	Reason for Plugging
22	30	56	SAI		0.64	2H	-0.10	92	PP	42	OD	
22	30	58	DOS		0.31	1H	0.07	52	Bobbin	19		
22	30	58	DOS		0.16	2H	0.04	118	Bobbin	19		
22	30	63	PVN		16.59	3H	36.85	16	Bobbin	7		
22	30	68	DOS		0.20	1H	-0.07	134	Bobbin	8		
22	30	68	SAI		0.17	1H	-0.06	104	PP	43	OD	
22	30	82	TWD	17	1.11	2C	-0.04	145	Bobbin	13		
22	31	14	TWD	24	1.69	2C	-0.20	142	Bobbin	13		
22	31	14	VOL		0.48	2C	-0.13	109	PP	64	OD	
22	31	22	DIS		1.30	2H	-0.04	33	Bobbin	14		
22	31	22	SAI		0.32	2H	-0.10	109	PP	40	OD	
22	31	25	DTS		3.03	TEH	19.62	45	Bobbin	14		
22	31	25	SAI		4.76	TSH	-1.79	30	PP	22	ID	
22	31	29	DOS		0.38	2H	0.09	58	Bobbin	13		
22	31	29	SAI		0.28	2H	-0.03	98	PP	56	OD	
22	31	30	DOS		0.40	1H	0.04	97	Bobbin	13		
22	31	37	DOS		1.48	1H	0.06	78	Bobbin	18		
22	31	40	DOS		0.96	2H	-0.04	62	Bobbin	18		
22	31	40	SAI		0.82	2H	-0.10	88	PP	55	OD	
22	31	41	DOS		0.35	1H	0.06	133	Bobbin	18		
22	31	43	DOS		0.53	2C	0.06	149	Bobbin	18		
22	31	44	DOS		0.53	1H	0.19	123	Bobbin	17		
22	31	45	DOS		1.22	2H	0.00	94	Bobbin	18		
22	31	46	DOS		0.68	2H	0.02	110	Bobbin	17		
22	31	61	DOS		0.23	3H	-0.04	61	Bobbin	21		
22	31	80	TWD	18	1.18	2C	0.00	117	Bobbin	13		
22	31	80	TWD	12	0.78	3C	-0.06	139	Bobbin	13		
22	31	82	TWD	10	0.59	1C	0.16	137	Bobbin	14		
22	31	82	VOL		0.16	1C	0.21	117	PP	64	OD	
22	32	16	TWD	12	0.73	2C	-0.14	147	Bobbin	14		
22	32	16	VOL		0.46	2C	-0.08	111	PP	64	OD	
22	32	23	FSI		0.41	TSH	28.59	94	Bobbin	13		
22	32	32	DIS		1.07	1H	-0.17	23	Bobbin	15		
22	32	32	DOS		0.97	2H	0.00	79	Bobbin	15		
22	32	32	SAI		0.71	2H	-0.04	90	PP	56	OD	
22	32	32	SAI		0.17	2H	-0.06	93	PP	56	OD	
22	32	36	DOS		0.17	3H	0.08	132	Bobbin	16		
22	32	56	DIS		0.37	5H	0.02	25	Bobbin	18		
22	32	56	TWD	14	0.20	7H	109.94	0	Bobbin	18		
22	32	56	TWD	21	0.37	7H	56.37	0	Bobbin	18		
22	32	56	TWD	25	0.49	7H	83.07	0	Bobbin	18		
22	32	57	DOS		0.28	1H	-0.10	41	Bobbin	18		
22	32	70	DOS		0.64	2H	-0.07	95	Bobbin	10		
22	32	74	DOS		0.74	1H	-0.11	66	Bobbin	10		
22	32	74	SAI		0.57	1H	-0.13	88	PP	46	OD	
22	32	79	TWD	10	0.61	1C	0.18	145	Bobbin	12		
22	32	79	VOL		0.28	1C	0.16	112	PP	64	OD	
22	32	79	TWD	25	1.71	3C	0.11	122	Bobbin	12		
22	32	79	TWD	15	0.25	7H	107.03	0	Bobbin	12		

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**Service Induced Indications Identified During 2R13**

SG	Row	Col	Ind	%TW	Volts	Loc	Inch	Deg	Probe	Cal	IDOD	Reason for Plugging
22	33	17	TWD	7	0.42	2C	-0.04	140	Bobbin	13		
22	33	17	VOL		0.26	2C	-0.08	123	PP	64	OD	
22	33	22	DIS		0.52	1H	0.09	40	Bobbin	13		
22	33	22	SAI		0.17	1H	0.01	107	PP	55	OD	
22	33	22	DOS		0.83	2H	0.00	87	Bobbin	13		
22	33	22	SAI		0.26	2H	-0.03	109	PP	55	OD	
22	33	22	SAI		0.12	2H	-0.15	131	PP	55	OD	
22	33	22	SAI		0.19	2H	-0.05	102	PP	55	OD	
22	33	22	SAI		0.14	2H	-0.14	94	PP	55	OD	
22	33	25	DOS		0.29	2H	0.04	44	Bobbin	14		
22	33	25	SAI		0.22	2H	-0.03	109	PP	55	OD	
22	33	27	DOS		0.98	2H	0.06	77	Bobbin	13		
22	33	27	DOS		0.77	3H	-0.02	91	Bobbin	13		
22	33	28	DOS		0.85	2H	0.00	95	Bobbin	13		
22	33	36	DOS		0.22	1H	0.02	103	Bobbin	15		
22	33	36	DOS		1.28	2H	0.00	105	Bobbin	15		
22	33	44	DOS		0.39	1H	0.04	138	Bobbin	17		
22	33	46	DOS		0.29	4H	0.00	62	Bobbin	17		
22	33	48	DOS		0.48	2H	0.09	55	Bobbin	19		
22	33	50	DOS		0.75	2H	-0.08	87	Bobbin	16		
22	33	53	TWD	19	0.31	7H	113.18	0	Bobbin	16		
22	33	53	TWD	14	0.19	7H	58.20	0	Bobbin	16		
22	33	55	DOS		0.34	2H	-0.02	86	Bobbin	19		
22	33	65	TWD	17	0.28	7H	30.72	0	Bobbin	8		
22	33	65	TWD	16	0.26	7H	57.97	0	Bobbin	8		
22	33	71	TWD	8	0.12	7H	58.45	0	Bobbin	10		
22	33	75	DIS		0.30	5H	-0.02	35	Bobbin	11		
22	34	27	TWD	9	0.14	7H	88.20	0	Bobbin	14		
22	34	35	DOS		0.50	1H	0.02	95	Bobbin	15		
22	34	49	PVN		18.09	2C	27.68	17	Bobbin	19		
22	34	66	DOS		0.32	2H	-0.02	60	Bobbin	8		
22	34	66	TWD	15	0.25	7H	115.59	0	Bobbin	8		
22	34	66	TWD	17	0.29	7H	60.00	0	Bobbin	8		
22	34	71	TWD	11	0.17	7H	87.49	0	Bobbin	11		
22	34	74	TWD	12	0.20	7H	60.07	0	Bobbin	10		
22	34	77	TWD	16	1.01	2C	-0.06	153	Bobbin	11		
22	34	79	DOS		0.63	1C	0.36	42	Bobbin	14		
22	34	79	TWD	13	0.81	2C	-0.14	128	Bobbin	14		
22	35	22	DOS		0.18	3H	0.07	98	Bobbin	13		
22	35	52	DIS		2.05	6H	0.22	16	Bobbin	16		
22	35	61	DOS		0.66	2H	-0.04	101	Bobbin	21		
22	35	61	SAI		0.32	2H	-0.11	93	PP	44	OD	
22	35	61	SAI		0.46	2H	-0.11	102	PP	44	OD	
22	35	67	DIS		0.27	2H	-0.02	40	Bobbin	8		
22	35	67	SAI		0.11	2H	-0.07	116	PP	44	OD	
22	35	78	TWD	44	3.54	3C	0.20	117	Bobbin	14		44%TW CLT @ 3C
22	36	29	DOS		0.64	1H	0.14	45	Bobbin	14		
22	36	29	DOS		0.24	2H	-0.02	77	Bobbin	14		
22	36	40	TWD	20	0.46	7H	34.08	0	Bobbin	17		



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**Service Induced Indications Identified During 2R13**

SG	Row	Col	Ind	%TW	Volts	Loc	Inch	Deg	Probe	Cal	IDOD	Reason for Plugging
22	36	42	TWD	31	0.74	7H	33.69	0	Bobbin	18		
22	36	42	TWD	33	0.91	7H	62.11	0	Bobbin	18		
22	36	47	DOS		0.37	1H	-0.02	90	Bobbin	17		
22	36	47	DOS		0.21	2H	0.08	131	Bobbin	17		
22	36	48	DIS		0.28	1H	0.02	27	Bobbin	18		
22	36	53	DOS		0.44	2H	-0.07	128	Bobbin	17		
22	36	53	SAI		0.24	2H	-0.09	109	PP	41	OD	
22	36	54	DOS		0.49	1H	0.00	136	Bobbin	19		
22	36	54	SAI		0.29	1H	0.02	108	PP	42	OD	
22	36	54	SAI		0.14	1H	-0.07	106	PP	42	OD	
22	36	58	DOS		0.29	2H	-0.06	50	Bobbin	18		
22	36	71	DOS		0.76	2H	-0.18	90	Bobbin	11		
22	37	26	DOS		0.27	3H	0.15	93	Bobbin	13		
22	37	43	DOS		1.24	2H	0.06	79	Bobbin	18		
22	37	46	DIS		0.63	1H	0.09	16	Bobbin	17		
22	37	46	DIS		0.81	2H	0.00	28	Bobbin	17		
22	37	46	SAI		0.28	2H	-0.07	88	PP	35	OD	
22	37	47	DIS		1.27	1H	-0.16	30	Bobbin	18		
22	37	49	TWD	25	0.59	7H	95.51	0	Bobbin	20		
22	37	50	TWD	29	0.69	7H	95.74	0	Bobbin	16		
22	37	52	TWD	15	0.21	7H	64.63	0	Bobbin	16		
22	37	53	DIS		1.23	1H	-0.16	19	Bobbin	16		
22	37	56	TWD	34	1.02	7H	64.24	0	Bobbin	18		
22	37	60	DOS		1.01	2H	-0.14	114	Bobbin	18		
22	37	70	DOS		0.97	1H	-0.07	72	Bobbin	10		
22	38	22	DIS		1.25	1H	0.00	19	Bobbin	14		
22	38	22	TWD	13	0.24	7H	97.48	0	Bobbin	14		
22	38	22	TWD	21	0.45	7H	65.81	0	Bobbin	14		
22	38	26	DOS		0.96	2H	0.02	95	Bobbin	14		
22	38	26	DOS		0.55	3H	0.08	62	Bobbin	14		
22	38	28	DOS		0.76	3H	0.18	97	Bobbin	14		
22	38	42	PVN		10.57	1H	18.04	19	Bobbin	18		
22	38	46	DOS		0.40	5H	0.33	68	Bobbin	18		
22	38	52	DOS		0.50	2H	0.02	83	Bobbin	16		
22	38	54	DOS		0.44	1H	-0.24	119	Bobbin	19		
22	38	60	DOS		0.37	4H	-0.09	79	Bobbin	19		
22	38	63	DOS		0.73	2H	-0.14	71	Bobbin	7		
22	38	67	DOS		1.01	2H	-0.04	87	Bobbin	7		
22	38	70	DOS		0.55	2H	0.28	123	Bobbin	14		
22	39	23	TWD	10	0.64	2C	-0.19	131	Bobbin	13		
22	39	25	DOS		0.42	1H	0.11	86	Bobbin	13		
22	39	25	DOS		0.69	2H	0.02	83	Bobbin	13		
22	39	27	TWD	24	0.57	7H	100.51	0	Bobbin	13		
22	39	29	DOS		0.35	2H	0.02	107	Bobbin	13		
22	39	30	DOS		0.45	4H	0.11	61	Bobbin	13		
22	39	45	DOS		0.76	2H	-0.18	65	Bobbin	18		
22	39	69	TWD	20	1.33	2C	0.24	132	Bobbin	7		
22	39	71	TWD	5	0.30	1C	-0.09	121	Bobbin	15		
22	39	71	TWD	6	0.38	2C	-0.13	144	Bobbin	15		

**Table 1**  
**Service Induced Indications Identified During 2R13**

SG	Row	Col	Ind	%TW	Volts	Loc	Inch	Deg	Probe	Cal.	IDOD	Reason for Plugging
22	39	71	DOS		1.30	3H	0.02	59	Bobbin	15		
22	40	27	TWD	15	1.00	2C	-0.17	137	Bobbin	17		
22	40	29	DOS		0.58	3H	-0.02	47	Bobbin	17		
22	40	31	TWD	15	0.96	2C	-0.26	138	Bobbin	17		
22	40	34	DOS		0.74	1H	0.08	100	Bobbin	16		
22	40	34	DOS		0.34	2H	0.10	130	Bobbin	16		
22	40	40	DOS		0.49	2H	0.11	89	Bobbin	17		
22	40	57	TWD	19	0.32	7H	35.44	0	Bobbin	18		
22	40	57	TWD	25	0.49	7H	68.76	0	Bobbin	18		
22	40	62	DIS		0.50	3H	-0.02	21	Bobbin	7		
22	40	63	DOS		0.47	3H	-0.02	80	Bobbin	7		
22	40	68	TWD	8	0.50	1C	-0.17	133	Bobbin	8		
22	40	71	TWD	17	1.11	1C	-0.18	125	Bobbin	14		
22	41	26	TWD	14	0.91	2C	-0.12	139	Bobbin	18		
22	41	27	DOS		0.72	2H	0.06	35	Bobbin	18		
22	41	32	DIS		0.36	4H	0.08	30	Bobbin	18		
22	41	39	TWD	16	0.22	7H	36.94	0	Bobbin	18		
22	41	40	DOS		0.35	3H	0.12	97	Bobbin	18		
22	41	42	DOS		0.75	3H	-0.06	102	Bobbin	17		
22	41	42	SAI		0.24	3H	-0.16	112	PP	55	OD	
22	41	42	SAI		0.22	3H	-0.07	111	PP	55	OD	
22	41	43	DOS		0.74	2H	0.08	102	Bobbin	18		
22	41	50	DOS		0.59	7H	0.16	113	Bobbin	16		
22	41	52	DOS		0.89	2H	-0.14	84	Bobbin	16		
22	41	54	DOS		0.58	3H	-0.08	44	Bobbin	18		
22	42	31	TWD	21	1.44	2C	-0.24	134	Bobbin	17		
22	42	33	TWD	46	3.87	2C	-0.20	114	Bobbin	15		46%TW CLT @ 2C
22	42	35	TWD	36	2.75	2C	-0.17	120	Bobbin	15		
22	42	38	DOS		0.94	1H	0.04	120	Bobbin	17		
22	42	39	DOS		0.36	1H	0.13	100	Bobbin	17		
22	42	39	SAI		0.21	1H	0.06	129	PP	55	OD	
22	42	41	PVN		11.09	3C	2.64	16	Bobbin	17		
22	42	53	DOS		0.61	2H	-0.09	99	Bobbin	17		
22	42	53	DOS		1.51	3H	-0.07	68	Bobbin	17		
22	42	53	DOS		0.26	7H	0.00	132	Bobbin	17		
22	42	60	TWD	6	0.39	2C	-0.06	121	Bobbin	19		
22	42	62	TWD	9	0.54	2C	0.28	149	Bobbin	8		
22	42	67	PVN		9.03	3H	5.61	12	Bobbin	7		
22	43	31	TWD	27	1.94	2C	-0.28	122	Bobbin	18		
22	43	32	TWD	13	0.86	2C	-0.16	131	Bobbin	18		
22	43	33	TWD	8	0.48	2C	-0.28	127	Bobbin	16		
22	43	36	DOS		0.37	4C	0.00	63	Bobbin	15		
22	43	42	DOS		0.36	3H	0.00	77	Bobbin	17		
22	44	44	DOS		0.30	1H	0.04	108	Bobbin	18		
22	44	55	DIS		1.20	2H	-0.08	10	Bobbin	18		
22	44	57	DOS		0.45	3H	0.02	138	Bobbin	18		
22	44	58	TWD	9	0.59	2C	-0.10	120	Bobbin	18		
22	44	59	FSI		0.75	TSH	14.42	57	Bobbin	19		
22	44	59	FSI		0.74	TSH	16.01	60	Bobbin	19		

**Table 1**  
**Service Induced Indications Identified During 2R13**

SG	Row	Col	Ind	%TW	Volts	Loc	Inch	Deg	Probe	Cal	IDOD	Reason for Plugging
22	44	60	TWD	7	0.45	2C	0.00	145	Bobbin	19		
22	45	37	PVN		22.08	2C	27.58	13	Bobbin	18		
22	45	37	TWD	10	0.62	2C	-0.20	140	Bobbin	18		
22	45	39	DIS		1.14	2H	0.08	27	Bobbin	18		
22	45	39	SAI		0.46	2H	-0.03	95	PP	38	OD	
22	45	41	DOS		0.24	2H	0.00	129	Bobbin	18		
22	45	45	TWD	12	0.76	2C	-0.28	109	Bobbin	18		
22	45	46	DOS		0.76	3H	0.11	122	Bobbin	17		
22	45	46	TWD	16	0.32	7H	75.44	0	Bobbin	17		
22	45	47	TWD	8	0.50	2C	-0.24	128	Bobbin	18		
22	45	47	VOL		0.31	2C	-0.21	138	PP	64	OD	
22	45	53	TWD	8	0.51	2C	-0.02	122	Bobbin	16		
22	45	54	TWD	22	0.41	7H	76.28	0	Bobbin	18		
22	45	57	TWD	17	0.28	7H	77.15	0	Bobbin	19		
22	45	57	TWD	20	0.36	7H	116.49	0	Bobbin	19		
22	46	51	TWD	16	1.07	2C	-0.09	142	Bobbin	17		

**Table 1**  
**Service Induced Indications Identified During 2R13**

SG	Row	Col	Ind	%TW	Volts	Loc	Inch	Deg	Probe	Cal	IDOD	Reason for Plugging
23	1	9	DIS		0.65	4H	0.26	17	Bobbin	4		
23	1	10	DIS		1.43	1H	0.19	13	Bobbin	4		
23	1	10	DIS		1.30	2H	-0.04	10	Bobbin	4		
23	1	12	DIS		0.96	2H	-0.11	14	Bobbin	4		
23	1	13	DOS		0.48	1H	0.17	50	Bobbin	4		
23	1	15	DOS		0.37	1H	0.09	55	Bobbin	4		
23	1	15	DIS		2.17	2H	0.23	10	Bobbin	4		
23	1	18	DIS		0.38	4H	-0.02	33	Bobbin	4		
23	1	31	DOS		1.46	2H	0.06	94	Bobbin	4		
23	1	37	SAI		0.65	7H	3.70	16	PP	78	ID	SAI-ID in Ubend
23	1	45	SAI		0.72	7H	3.70	27	PP	75	ID	SAI-ID in Ubend
23	1	54	DIS		0.20	1H	-0.04	22	Bobbin	6		
23	1	64	DOS		0.24	2H	-0.09	146	Bobbin	6		
23	1	65	PVN		17.80	4C	0.00	192	Bobbin	10		
23	1	66	DOS		0.33	1H	0.04	91	Bobbin	6		
23	1	66	DOS		0.28	2H	-0.04	52	Bobbin	6		
23	1	75	DIS		1.54	1H	0.09	19	Bobbin	7		
23	1	76	DIS		0.33	1H	-0.23	38	Bobbin	9		
23	1	78	DIS		1.76	1H	0.11	17	Bobbin	7		
23	1	78	DIS		1.08	4H	0.21	18	Bobbin	7		
23	1	79	DIS		0.96	1H	0.19	16	Bobbin	9		
23	1	79	DIS		1.62	2H	0.23	13	Bobbin	9		
23	1	80	DIS		1.57	2H	0.24	11	Bobbin	9		
23	1	82	DIS		2.34	1H	0.24	12	Bobbin	9		
23	1	83	DIS		1.66	1H	0.24	14	Bobbin	9		
23	1	84	DIS		1.41	1H	0.21	14	Bobbin	9		
23	1	84	DIS		1.91	2H	0.26	7	Bobbin	9		
23	1	85	DIS		1.18	1H	-0.24	22	Bobbin	9		
23	1	85	DIS		2.09	1H	0.17	13	Bobbin	9		
23	1	85	DIS		1.90	2C	0.00	8	Bobbin	8		
23	1	85	DIS		1.32	2H	0.19	15	Bobbin	9		
23	2	2	TWD	20	1.33	2C	-0.09	140	Bobbin	12		
23	2	8	PVN		14.42	3H	38.86	16	Bobbin	4		
23	2	11	DIS		1.32	1H	0.19	16	Bobbin	4		
23	2	13	DIS		0.11	4H	0.02	20	Bobbin	4		
23	2	18	DOS		0.35	2H	0.14	64	Bobbin	3		
23	2	18	DOS		0.50	4H	0.09	144	Bobbin	3		
23	2	34	DIS		0.60	1H	-0.37	21	Bobbin	10		
23	2	41	DOS		0.29	1H	-0.13	80	Bobbin	6		
23	2	43	DOS		0.25	2H	-0.30	118	Bobbin	6		
23	2	50	DOS		0.40	2H	-0.05	96	Bobbin	5		
23	2	51	DIS		0.27	1H	0.02	24	Bobbin	6		
23	2	55	DOS		0.18	2H	-0.02	55	Bobbin	6		
23	2	76	DOS		0.32	5H	-0.34	85	Bobbin	7		
23	2	86	DIS		0.98	2H	-0.32	19	Bobbin	7		
23	2	91	DTS		1.11	TSH	-0.74	59	Bobbin	9		
23	2	91	SAI		0.88	TSH	-0.80	27	PP	26	ID	
23	3	7	DOS		0.41	3H	-0.07	41	Bobbin	3		

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SG	Row	Col	Ind	%TW	Volts	Loc	Inch	Deg	Probe	Cal	IDOD	Reason for Plugging
23	3	49	DOS		0.74	1H	0.07	88	Bobbin	5		
23	3	55	DOS		0.79	1H	0.00	63	Bobbin	5		
23	3	55	SAI		0.76	1H	-0.02	93	PP	69	OD	
23	3	63	DOS		0.49	5C	-0.06	111	Bobbin	9		
23	3	69	SAI		2.12	TSH	-1.05	28	PP	26	ID	
23	3	77	DOS		0.28	3H	0.02	47	Bobbin	7		
23	3	82	DIS		1.61	1H	0.26	12	Bobbin	9		
23	3	83	DIS		0.70	5H	0.27	20	Bobbin	7		
23	3	92	DOS		0.45	2H	0.02	151	Bobbin	9		
23	3	94	TWD	10	0.62	2C	0.04	147	Bobbin	7		
23	4	25	DOS		0.74	1H	-0.15	116	Bobbin	4		
23	4	27	DOS		0.14	2H	-0.02	112	Bobbin	4		
23	4	27	SAI		0.22	2H	0.01	114	PP	71	OD	
23	4	33	PVN		26.29	2H	45.93	11	Bobbin	10		
23	4	39	DOS		0.20	1H	-0.05	128	Bobbin	10		
23	4	47	DOS		0.57	1H	-0.06	131	Bobbin	6		
23	4	50	DOS		0.37	1H	-0.02	97	Bobbin	6		
23	4	51	DOS		0.66	1H	-0.04	126	Bobbin	6		
23	4	87	PVN		15.45	3C	4.55	16	Bobbin	7		
23	4	88	DIS		0.30	5H	0.05	23	Bobbin	7		
23	4	90	SAI		0.87	TSH	-1.08	19	PP	26	ID	
23	4	93	TWD	8	0.46	2C	-0.09	153	Bobbin	8		
23	4	93	VOL		0.18	2C	-0.03	150	PP	68	OD	
23	5	13	DIS		0.23	3H	-0.02	27	Bobbin	3		
23	5	33	DIS		0.64	1H	-0.35	19	Bobbin	10		
23	5	50	DOS		0.36	2H	0.02	104	Bobbin	5		
23	5	51	SAI		0.52	TSH	-2.22	25	PP	26	ID	
23	5	53	DOS		0.18	1H	0.00	60	Bobbin	5		
23	5	53	DIS		0.92	4H	-0.02	46	Bobbin	5		
23	5	55	DTS		1.83	TEH	19.25	34	Bobbin	5		
23	5	55	SAI		1.96	TSH	-2.21	28	PP	26	ID	
23	5	56	DOS		0.56	1H	0.09	119	Bobbin	5		
23	5	59	DOS		0.63	1H	-0.16	107	Bobbin	5		
23	5	60	DOS		0.33	1H	-0.09	69	Bobbin	5		
23	5	62	DIS		0.57	3H	0.05	23	Bobbin	5		
23	5	62	DOS		0.22	5H	-0.05	69	Bobbin	5		
23	5	66	DIS		1.50	3H	-0.16	27	Bobbin	5		
23	5	66	SAI		0.19	3H	-0.04	99	PP	65	OD	
23	5	70	DIS		1.70	3H	0.23	31	Bobbin	5		
23	5	70	DIS		0.97	5H	0.07	36	Bobbin	5		
23	6	13	DOS		1.24	3H	0.00	77	Bobbin	33		
23	6	33	DOS		0.37	2H	-0.02	100	Bobbin	47		
23	6	44	DOS		0.74	1H	-0.04	108	Bobbin	39		
23	6	48	DOS		2.00	2H	0.11	93	Bobbin	38		
23	6	48	SAI		0.97	2H	0.03	87	PP	81	OD	
23	6	48	SAI		0.98	2H	0.03	88	PP	71	OD	
23	6	56	DOS		0.73	1H	-0.07	70	Bobbin	44		
23	6	60	DOS		1.67	1H	0.00	59	Bobbin	44		
23	6	63	DOS		0.76	2H	0.02	139	Bobbin	44		

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SG	Row	Col	Ind	%TW	Volts	Loc	Inch	Deg	Probe	Cal	IDOD	Reason for Plugging
23	6	67	DOS		0.33	2H	0.07	30	Bobbin	44		
23	6	70	DOS		0.34	1H	0.00	81	Bobbin	45		
23	6	76	DOS		0.08	2H	0.04	72	Bobbin	45		
23	6	76	SAI		0.13	2H	0.14	115	PP	60	OD	
23	6	77	SAI		0.24	TSH	-1.94	10	PP	26	ID	
23	6	82	DOS		0.60	1H	0.07	70	Bobbin	45		
23	7	1	TWD	14	0.92	1C	-0.08	141	Bobbin	34		
23	7	29	DOS		0.67	2H	0.00	111	Bobbin	46		
23	7	30	DOS		0.47	1H	0.04	98	Bobbin	46		
23	7	32	SCI		0.42	7H	10.02	13	PP	66	ID	Ubend SCI
23	7	34	DOS		1.46	2H	0.10	91	Bobbin	46		
23	7	45	DOS		0.51	1H	0.11	95	Bobbin	38		
23	7	51	DOS		0.76	1H	0.22	117	Bobbin	42		
23	7	52	DTS		7.69	TSH	-1.04	41	Bobbin	42		
23	7	52	SAI		4.82	TSH	-1.23	32	PP	26	ID	
23	7	59	DTS		1.68	TEH	19.95	35	Bobbin	44		
23	7	59	SAI		1.78	TSH	-1.67	27	PP	26	ID	
23	7	62	DOS		0.42	1H	0.02	58	Bobbin	44		
23	7	69	DOS		0.42	2C	-0.22	132	Bobbin	44		
23	7	88	PVN		11.39	3C	37.88	10	Bobbin	47		
23	7	91	PVN		12.70	3C	13.12	15	Bobbin	47		
23	7	92	SAI		1.21	TSH	-0.97	21	PP	26	ID	
23	8	5	DOS		0.30	3C	0.11	81	Bobbin	33		
23	8	32	DOS		0.90	2H	0.04	88	Bobbin	47		
23	8	47	DIS		1.00	2C	0.04	26	Bobbin	38		
23	8	55	DOS		0.90	1H	0.00	80	Bobbin	44		
23	8	55	DOS		0.70	2H	0.00	95	Bobbin	44		
23	8	57	DOS		0.31	2H	0.11	64	Bobbin	44		
23	8	61	DOS		0.70	1H	-0.02	91	Bobbin	44		
23	8	62	DOS		0.23	1H	0.02	103	Bobbin	44		
23	8	65	PVN		16.74	5C	16.31	16	Bobbin	44		
23	8	72	DOS		0.07	2H	0.04	128	Bobbin	45		
23	8	83	PVN		12.22	3C	32.71	14	Bobbin	46		
23	8	93	SAI		1.27	TSH	-0.71	17	PP	26	ID	
23	9	5	DOS		0.51	2H	0.06	91	Bobbin	34		
23	9	17	DOS		0.46	5C	0.02	55	Bobbin	35		
23	9	34	DOS		0.60	1H	0.18	84	Bobbin	46		
23	9	43	PVN		12.21	3H	16.67	15	Bobbin	48		
23	9	51	DOS		0.67	1H	-0.02	107	Bobbin	41		
23	9	59	DOS		0.74	1H	-0.09	63	Bobbin	44		
23	9	63	SAI		0.42	TSH	-1.29	15	PP	26	ID	
23	9	79	PVN		12.98	3C	43.55	17	Bobbin	45		
23	9	87	DOS		0.99	1H	0.00	82	Bobbin	46		
23	9	93	TWD	28	1.98	2C	-0.15	122	Bobbin	47		
23	10	2	DOS		0.77	5H	0.06	112	Bobbin	34		
23	10	4	DIS		0.27	2H	0.00	36	Bobbin	33		
23	10	8	DOS		0.47	3C	0.07	92	Bobbin	33		
23	10	32	DOS		1.06	1H	0.24	117	Bobbin	47		
23	10	55	DOS		0.69	2H	0.11	95	Bobbin	39		

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**Service Induced Indications Identified During 2R13**

SG	Row	Col	Ind	%TW	Volts	Loc	Inch	Deg	Probe	Cal	IDOD	Reason for Plugging
23	10	65	DOS		1.15	1H	0.04	21	Bobbin	44		
23	10	65	SAI		0.12	1H	-0.13	115	PP	58	OD	
23	10	65	SAI		0.16	1H	0.03	122	PP	58	OD	
23	10	92	TWD	24	1.70	2C	-0.07	122	Bobbin	47		
23	10	93	TWD	12	0.76	3C	0.00	138	Bobbin	46		
23	11	2	DOS		0.46	1H	0.07	120	Bobbin	33		
23	11	24	DOS		0.80	1H	0.04	92	Bobbin	36		
23	11	24	DOS		0.16	2H	0.11	108	Bobbin	36		
23	11	33	DOS		0.58	1H	0.12	65	Bobbin	46		
23	11	39	DOS		0.85	1H	0.06	54	Bobbin	48		
23	11	47	DOS		0.34	2H	0.04	90	Bobbin	38		
23	11	48	DOS		0.58	2H	0.04	46	Bobbin	38		
23	11	91	PVN		14.84	3C	19.63	18	Bobbin	47		
23	12	8	DOS		2.13	2H	0.04	79	Bobbin	33		DOS>2V & SAI-OD @ 2H
23	12	8	SAI		1.54	2H	-0.08	86	PP	71	OD	DOS>2V & SAI-OD @ 2H
23	12	29	DOS		0.38	2C	-0.04	110	Bobbin	38		
23	12	41	DOS		0.61	2H	0.09	97	Bobbin	49		
23	12	48	SAI		0.21	TSH	-2.24	18	PP	26	ID	
23	12	50	PVN		10.70	3C	18.04	14	Bobbin	40		
23	12	51	DOS		0.24	2H	0.04	78	Bobbin	40		
23	12	51	DOS		0.45	3H	0.02	80	Bobbin	40		
23	12	57	DOS		0.43	2H	-0.02	106	Bobbin	40		
23	12	64	DOS		0.21	1H	0.09	28	Bobbin	44		
23	12	64	DOS		0.33	2H	0.07	72	Bobbin	44		
23	12	68	PVN		10.20	3C	13.74	21	Bobbin	44		
23	12	92	TWD	17	1.12	2C	-0.04	122	Bobbin	47		
23	12	93	TWD	21	1.43	2C	-0.09	120	Bobbin	47		
23	13	28	DOS		0.33	1H	-0.15	134	Bobbin	38		
23	13	58	DIS		0.24	1H	0.12	36	Bobbin	40		
23	13	58	SAI		0.26	1H	0.11	100	PP	58	OD	
23	13	58	DOS		0.34	2C	0.00	93	Bobbin	40		
23	13	61	DOS		0.83	1H	0.08	66	Bobbin	40		
23	13	61	PVN		10.59	5C	19.36	14	Bobbin	40		
23	13	81	PVN		15.12	5C	4.98	17	Bobbin	45		
23	13	83	DOS		0.70	2H	-0.04	132	Bobbin	45		
23	14	11	PVN		10.28	3H	2.20	17	Bobbin	23		
23	14	16	DOS		0.75	2C	0.09	155	Bobbin	23		
23	14	24	SAI		0.40	TSH	-1.95	12	PP	26	ID	
23	14	26	DOS		0.22	3H	0.04	105	Bobbin	25		
23	14	33	DOS		0.95	1H	0.06	94	Bobbin	24		
23	14	36	DOS		0.46	1H	0.04	62	Bobbin	27		
23	14	36	DOS		1.06	2H	-0.09	102	Bobbin	27		
23	14	38	PVN		17.12	2H	48.69	14	Bobbin	27		
23	14	42	DOS		0.36	1H	0.09	109	Bobbin	27		
23	14	44	DOS		0.63	1H	0.02	92	Bobbin	26		
23	14	47	PVN		20.23	2H	43.84	191	Bobbin	27		
23	14	53	DOS		0.39	2H	0.00	103	Bobbin	31		
23	14	57	DOS		0.66	1H	-0.06	100	Bobbin	23		
23	14	58	DOS		0.35	2H	-0.14	94	Bobbin	23		

**Table 1**  
**Service Induced Indications Identified During 2R13**

SG	Row	Col	Ind	%TW	Volts	Loc	Inch	Deg	Probe	Cal	IDOD	Reason for Plugging
23	14	59	PVN		15.22	3C	13.64	23	Bobbin	23		
23	14	61	PVN		10.29	3C	25.22	18	Bobbin	26		
23	14	62	DOS		0.71	2H	0.09	58	Bobbin	27		
23	14	62	SAI		0.35	2H	0.06	102	PP	58	OD	
23	14	64	DOS		0.58	1H	0.06	72	Bobbin	27		
23	14	64	SAI		0.37	1H	-0.02	102	PP	58	OD	
23	14	66	PVN		11.24	3C	30.75	13	Bobbin	29		
23	14	91	TWD	26	1.83	1C	-0.06	114	Bobbin	31		
23	14	92	PVN		13.20	2C	16.48	17	Bobbin	31		
23	14	92	TWD	13	0.84	2C	-0.06	126	Bobbin	31		
23	15	18	PVN		12.42	3H	0.36	190	Bobbin	24		
23	15	20	PVN		13.88	2H	48.47	20	Bobbin	25		
23	15	39	DOS		1.55	2H	0.02	84	Bobbin	48		
23	15	41	DOS		0.72	1H	0.08	54	Bobbin	26		
23	15	42	DOS		0.37	1H	0.00	130	Bobbin	26		
23	15	43	DOS		0.95	3H	0.02	61	Bobbin	26		
23	15	47	DOS		0.95	1H	0.02	102	Bobbin	26		
23	15	47	DIS		0.70	2H	-0.24	87	Bobbin	26		
23	15	47	SAI		0.17	2H	-0.13	10	PP	26	ID	
23	15	49	PVN		12.54	3C	4.47	18	Bobbin	27		
23	15	55	DOS		0.79	1H	-0.10	102	Bobbin	23		
23	15	91	PVN		11.12	3C	-5.02	9	Bobbin	30		
23	16	10	PVN		19.59	3H	0.26	192	Bobbin	23		
23	16	24	SAI		0.33	TSH	-1.37	20	PP	26	ID	
23	16	29	DOS		0.45	1H	0.11	138	Bobbin	25		
23	16	29	DOS		0.62	2H	0.06	56	Bobbin	25		
23	16	32	DOS		0.44	1H	0.06	92	Bobbin	25		
23	16	32	SAI		0.17	1H	-0.11	136	PP	30	OD	
23	16	33	DOS		0.22	3H	0.02	147	Bobbin	25		
23	16	37	DOS		0.63	1H	0.00	74	Bobbin	27		
23	16	52	DOS		0.63	2H	0.06	65	Bobbin	31		
23	16	52	SAI		0.34	2H	-0.01	112	PP	56	OD	
23	16	52	SAI		0.10	2H	-0.23	129	PP	56	OD	
23	16	54	PVN		12.17	3C	15.69	16	Bobbin	31		
23	16	56	DOS		0.22	2H	-0.08	106	Bobbin	23		
23	16	61	DOS		1.47	1H	0.04	88	Bobbin	40		
23	16	91	TWD	9	0.56	2C	-0.02	154	Bobbin	31		
23	17	18	DOS		1.63	3H	-0.04	72	Bobbin	24		
23	17	22	DOS		0.32	3H	0.04	52	Bobbin	25		
23	17	22	SAI		0.14	3H	-0.07	131	PP	71	OD	
23	17	24	DOS		0.16	1H	0.04	98	Bobbin	25		
23	17	37	DOS		0.85	2H	0.10	63	Bobbin	26		
23	17	43	DOS		0.95	2H	0.14	69	Bobbin	26		
23	17	52	DOS		0.34	1H	0.00	82	Bobbin	22		
23	17	59	DOS		0.95	1H	-0.09	111	Bobbin	22		
23	17	59	DOS		0.52	2H	-0.15	60	Bobbin	22		
23	17	59	SAI		0.17	2H	-0.11	121	PP	58	OD	
23	17	62	DOS		0.73	5H	0.32	58	Bobbin	26		
23	17	66	DOS		0.40	2H	-0.02	107	Bobbin	27		



**Table 1**  
**Service Induced Indications Identified During 2R13**

SG	Row	Col	Ind	%TW	Volts	Loc	Inch	Deg	Probe	Cal	IDOD	Reason for Plugging
23	17	68	DOS		0.55	1H	0.04	97	Bobbin	29		
23	17	68	SAI		0.54	1H	0.04	97	PP	59	OD	
23	17	70	DOS		0.75	1H	0.02	114	Bobbin	28		
23	17	80	DIS		1.13	1H	0.06	28	Bobbin	30		
23	17	80	SAI		0.23	1H	-0.02	94	PP	61	OD	
23	17	80	SAI		0.49	1H	-0.04	88	PP	61	OD	
23	18	29	DOS		0.42	2C	0.02	144	Bobbin	25		
23	18	31	DOS		1.63	1H	0.11	88	Bobbin	25		
23	18	32	DOS		0.87	1H	0.00	88	Bobbin	25		
23	18	35	DOS		0.59	2H	0.02	108	Bobbin	25		
23	18	41	DOS		0.40	1H	0.06	87	Bobbin	27		
23	18	44	DOS		0.72	1H	0.08	55	Bobbin	26		
23	18	45	DOS		0.20	1H	0.06	128	Bobbin	27		
23	18	48	DOS		1.78	1H	0.02	76	Bobbin	32		
23	18	48	SAI		0.30	1H	-0.14	70	PP	71	OD	
23	18	48	SAI		0.94	1H	-0.02	71	PP	71	OD	
23	18	48	SAI		0.40	1H	-0.01	106	PP	71	OD	
23	18	50	DOS		0.98	1H	0.00	72	Bobbin	23		
23	18	50	SAI		0.17	1H	-0.11	118	PP	56	OD	
23	18	50	SAI		0.23	1H	0.04	101	PP	56	OD	
23	18	50	SAI		0.58	1H	-0.10	87	PP	56	OD	
23	18	51	DOS		0.66	2H	-0.11	111	Bobbin	31		
23	18	53	DOS		0.55	1H	-0.21	108	Bobbin	22		
23	18	53	DOS		0.25	2H	-0.04	54	Bobbin	22		
23	18	53	SAI		0.21	2H	0.01	96	PP	56	OD	
23	18	58	DOS		0.33	2H	0.06	111	Bobbin	22		
23	18	59	DOS		0.51	2H	-0.06	99	Bobbin	23		
23	18	73	DOS		0.32	2H	-0.08	84	Bobbin	31		
23	18	75	DOS		0.18	2H	0.04	102	Bobbin	31		
23	18	85	DOS		0.35	1H	0.04	97	Bobbin	31		
23	18	85	SAI		0.08	1H	-0.11	114	PP	62	OD	
23	18	85	SAI		0.18	1H	-0.07	123	PP	62	OD	
23	19	7	DOS		0.67	3H	0.00	73	Bobbin	22		
23	19	18	DOS		0.67	1H	-0.08	109	Bobbin	24		
23	19	28	DOS		0.14	2H	0.06	61	Bobbin	25		
23	19	34	DOS		0.49	1H	0.19	96	Bobbin	24		
23	19	41	TWD	23	0.48	7H	37.43	0	Bobbin	26		
23	19	56	DOS		0.38	2H	-0.02	30	Bobbin	22		
23	19	56	TWD	18	0.40	7H	51.08	0	Bobbin	22		
23	19	60	DOS		0.32	2H	0.00	61	Bobbin	23		
23	19	71	SAI		1.00	TSH	-2.09	19	PP	26	ID	
23	19	77	DIS		0.49	2H	0.04	30	Bobbin	30		
23	19	77	SAI		0.11	2H	0.05	139	PP	59	OD	
23	19	77	SAI		0.10	2H	0.00	100	PP	59	OD	
23	19	84	DOS		0.87	1H	0.00	46	Bobbin	30		
23	19	84	SAI		0.10	1H	0.04	113	PP	61	OD	
23	19	84	SAI		0.09	1H	-0.02	129	PP	61	OD	
23	19	84	SAI		0.09	1H	-0.17	122	PP	61	OD	
23	19	84	SAI		0.09	1H	-0.11	99	PP	61	OD	

**Table 1**  
**Service Induced Indications Identified During 2R13**

SG	Row	Col	Ind	%TW	Volts	Loc	Inch	Deg	Probe	Cal	IDOD	Reason for Plugging
23	20	32	DOS		2.10	1H	0.00	75	Bobbin	25		DOS>2V & SAI-OD @ 1H
23	20	32	SAI		1.51	1H	-0.07	77	PP	71	OD	DOS>2V & SAI-OD @ 1H
23	20	35	DOS		0.13	1H	0.09	50	Bobbin	25		
23	20	36	DOS		0.32	1H	0.06	82	Bobbin	25		
23	20	36	DOS		0.27	2H	0.09	100	Bobbin	25		
23	20	48	DOS		1.11	2H	-0.13	111	Bobbin	27		
23	20	49	PVN		14.74	3C	10.67	15	Bobbin	26		
23	20	66	DOS		0.25	1H	0.13	102	Bobbin	27		
23	20	74	DOS		0.30	1H	0.04	45	Bobbin	29		
23	21	38	DTS		1.06	TSH	-1.16	80	Bobbin	26		
23	21	38	SAI		0.90	TSH	-1.47	32	PP	26	ID	
23	21	42	DOS		1.48	2H	0.02	85	Bobbin	32		
23	21	43	PVN		10.98	4H	0.00	189	Bobbin	26		
23	21	48	DIS		1.26	3H	-0.20	21	Bobbin	26		
23	21	51	PVN		12.74	4C	0.00	190	Bobbin	26		
23	21	56	DOS		0.37	2H	-0.06	123	Bobbin	22		
23	21	64	PVN		11.93	4C	0.00	190	Bobbin	26		
23	21	65	PVN		14.59	4C	0.06	190	Bobbin	26		
23	21	69	DOS		0.27	2H	0.06	98	Bobbin	29		
23	21	69	PVN		14.60	4C	0.02	190	Bobbin	29		
23	21	78	DIS		1.17	3H	-0.10	45	Bobbin	28		
23	21	78	SAI		1.03	3H	-0.08	15	PP	26	ID	
23	21	83	DTS		1.91	TEH	20.47	18	Bobbin	28		
23	21	83	SAI		0.71	TSH	-1.01	21	PP	26	ID	
23	22	10	DIS		0.25	1H	0.12	47	Bobbin	22		
23	22	10	SAI		0.15	1H	0.07	139	PP	36	OD	
23	22	30	TWD	30	0.80	7H	43.74	0	Bobbin	25		
23	22	42	DOS		0.38	2H	0.19	70	Bobbin	27		
23	22	46	DOS		0.23	1H	0.04	104	Bobbin	27		
23	22	47	PVN		15.60	3H	19.61	18	Bobbin	27		
23	22	48	DOS		0.58	1H	0.04	79	Bobbin	27		
23	22	48	PVN		18.00	3C	32.25	16	Bobbin	27		
23	22	52	DOS		3.19	2H	-0.10	81	Bobbin	23		DOS>2V & SAI-OD @ 2H
23	22	52	SAI		1.98	2H	-0.14	62	PP	56	OD	DOS>2V & SAI-OD @ 2H
23	22	52	SAI		0.61	2H	-0.10	80	PP	56	OD	DOS>2V & SAI-OD @ 2H
23	22	54	DOS		0.76	2H	0.11	102	Bobbin	22		
23	22	55	DOS		0.29	1H	-0.09	44	Bobbin	22		
23	22	57	DOS		0.32	1H	-0.10	49	Bobbin	23		
23	22	58	DOS		0.51	1H	-0.04	94	Bobbin	23		
23	22	59	TWD	20	0.29	7H	58.26	0	Bobbin	23		
23	22	64	DOS		0.42	1H	0.06	62	Bobbin	27		
23	22	75	DOS		0.46	1H	-0.02	118	Bobbin	29		
23	23	9	TWD	12	0.76	1C	-0.24	144	Bobbin	22		
23	23	17	DOS		0.45	3H	0.06	76	Bobbin	22		
23	23	17	SAI		0.33	3H	0.00	102	PP	71	OD	
23	23	18	DOS		0.26	2H	0.10	51	Bobbin	22		
23	23	40	TWD	24	0.51	7H	60.68	0	Bobbin	26		
23	23	40	TWD	21	0.38	7H	43.55	0	Bobbin	26		
23	23	40	TWD	19	0.33	7H	77.51	0	Bobbin	26		

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**Service Induced Indications Identified During 2R13**

SG	Row	Col	Ind	%TW	Volts	Loc	Inch	Deg	Probe	Cal	IDOD	Reason for Plugging
23	23	40	TWD	28	0.74	7H	27.26	0	Bobbin	26		
23	23	41	TWD	21	0.40	7H	60.48	0	Bobbin	26		
23	23	41	TWD	19	0.34	7H	44.14	0	Bobbin	26		
23	23	42	TWD	33	1.18	7H	60.24	0	Bobbin	26		
23	23	42	TWD	27	0.68	7H	44.09	0	Bobbin	26		
23	23	42	TWD	24	0.51	7H	31.24	0	Bobbin	26		
23	23	43	TWD	17	0.28	7H	43.87	0	Bobbin	26		
23	23	45	DOS		0.85	1H	-0.08	121	Bobbin	26		
23	23	54	TWD	15	0.19	7H	76.42	0	Bobbin	23		
23	23	54	TWD	25	0.44	7H	44.79	0	Bobbin	23		
23	23	54	TWD	19	0.27	7H	60.22	0	Bobbin	23		
23	23	56	DOS		0.44	1H	-0.04	78	Bobbin	22		
23	23	57	DOS		0.19	1H	0.00	110	Bobbin	22		
23	23	61	DOS		0.62	1H	0.00	87	Bobbin	26		
23	23	64	TWD	22	0.43	7H	61.26	0	Bobbin	26		
23	23	64	TWD	14	0.21	7H	44.17	0	Bobbin	26		
23	23	65	DOS		0.31	1H	0.02	96	Bobbin	26		
23	23	75	DOS		0.28	3H	0.10	124	Bobbin	28		
23	23	79	PVN		10.10	4C	6.53	13	Bobbin	28		
23	24	13	DOS		0.30	1H	0.10	70	Bobbin	22		
23	24	14	DOS		0.11	2H	0.02	58	Bobbin	23		
23	24	16	DOS		0.52	1H	0.13	79	Bobbin	23		
23	24	16	SAI		0.29	1H	0.00	89	PP	71	OD	
23	24	32	DOS		0.15	3H	-0.04	141	Bobbin	25		
23	24	45	DOS		0.31	1H	0.02	80	Bobbin	27		
23	24	45	SAI		0.08	1H	0.00	99	PP	29	OD	
23	24	51	DOS		0.41	1H	-0.08	101	Bobbin	23		
23	24	52	DOS		0.28	1H	-0.10	104	Bobbin	23		
23	24	59	DOS		1.47	1H	-0.09	81	Bobbin	22		
23	25	32	DOS		0.38	1H	0.14	120	Bobbin	24		
23	25	37	DTS		1.20	TSH	-0.96	36	Bobbin	26		
23	25	37	SAI		1.25	TSH	-1.29	20	PP	26	ID	
23	25	40	DOS		0.37	1H	0.08	108	Bobbin	26		
23	25	55	DOS		1.13	1H	0.06	116	Bobbin	22		
23	25	56	DOS		0.41	1H	-0.02	106	Bobbin	22		
23	25	57	DOS		1.14	1H	-0.09	77	Bobbin	22		
23	25	66	DOS		0.41	3H	-0.18	89	Bobbin	26		
23	26	24	DOS		0.37	1H	-0.08	116	Bobbin	13		
23	26	25	DOS		0.76	1H	0.06	84	Bobbin	13		
23	26	32	DOS		0.11	1H	0.08	75	Bobbin	15		
23	26	49	DOS		0.69	2H	0.08	108	Bobbin	22		
23	26	55	DOS		0.36	1H	-0.04	137	Bobbin	17		
23	26	56	DOS		0.45	1H	0.02	110	Bobbin	16		
23	26	62	DOS		1.10	1H	-0.14	94	Bobbin	18		
23	26	73	TWD	16	0.21	7H	27.83	0	Bobbin	20		
23	26	77	DIS		0.60	4H	0.02	9	Bobbin	21		
23	26	80	DIS		0.59	2H	-0.02	24	Bobbin	20		
23	26	80	SAI		0.11	2H	-0.03	121	PP	71	OD	
23	26	85	DOS		0.33	2H	-0.04	45	Bobbin	21		

**Table 1**  
**Service Induced Indications Identified During 2R13**

SG	Row	Col	Ind	%TW	Volts	Loc	Inch	Deg	Probe	Cal	IDOD	Reason for Plugging
23	26	86	PVN		10.02	3C	29.42	12	Bobbin	21		
23	27	16	DOS		0.11	2H	-0.02	102	Bobbin	13		
23	27	24	DOS		0.86	2H	0.00	111	Bobbin	14		
23	27	40	DOS		0.48	1H	0.09	79	Bobbin	19		
23	27	49	DOS		0.17	1H	0.06	75	Bobbin	23		
23	27	49	PVN		14.67	5H	10.54	16	Bobbin	23		
23	27	51	DOS		1.35	1H	0.08	96	Bobbin	41		
23	27	53	DOS		0.29	3C	-0.06	115	Bobbin	13		
23	27	56	DOS		0.80	1H	0.00	66	Bobbin	17		
23	27	58	DOS		0.56	2H	-0.06	111	Bobbin	19		
23	27	62	PVN		10.69	4C	13.97	14	Bobbin	17		
23	27	70	DOS		0.19	1H	-0.02	52	Bobbin	19		
23	27	71	DOS		0.42	1H	0.02	47	Bobbin	20		
23	27	71	SAI		0.07	1H	-0.05	120	PP	71	OD	
23	27	71	SAI		0.10	1H	0.10	81	PP	71	OD	
23	27	75	DIS		0.37	3H	-0.04	16	Bobbin	20		
23	27	76	DOS		0.11	1H	-0.02	101	Bobbin	21		
23	27	78	DOS		0.24	1H	0.06	123	Bobbin	21		
23	27	79	DOS		0.22	1H	-0.10	74	Bobbin	20		
23	27	79	SAI		0.10	1H	-0.11	139	PP	71	OD	
23	27	80	DOS		0.54	1H	-0.17	131	Bobbin	21		
23	27	81	DOS		0.50	1H	-0.11	76	Bobbin	21		
23	27	81	DOS		0.99	2H	-0.02	77	Bobbin	21		
23	28	18	DOS		0.37	1H	0.06	58	Bobbin	14		
23	28	18	DIS		0.35	2H	0.09	31	Bobbin	14		
23	28	29	DIS		0.40	1H	0.02	22	Bobbin	13		
23	28	43	DOS		0.38	1H	0.06	81	Bobbin	20		
23	28	43	DIS		0.23	2H	-0.12	36	Bobbin	20		
23	28	73	DOS		0.51	1H	-0.02	70	Bobbin	20		
23	28	73	DOS		0.15	2H	-0.06	90	Bobbin	20		
23	28	74	DOS		0.28	1H	-0.04	57	Bobbin	20		
23	28	74	DOS		0.35	2H	0.06	135	Bobbin	20		
23	28	74	DOS		0.12	3H	-0.06	81	Bobbin	20		
23	29	12	TWD	9	0.53	3C	-0.14	145	Bobbin	13		
23	29	12	VOL		0.18	3C	-0.14	120	PP	67	OD	
23	29	15	TWD	14	0.88	2C	-0.22	136	Bobbin	14		
23	29	28	DOS		0.66	2H	0.04	86	Bobbin	13		
23	29	40	PVN		11.69	3H	43.41	187	Bobbin	19		
23	29	41	DIS		0.84	3H	-0.02	32	Bobbin	19		
23	29	41	SAI		0.46	3H	-0.05	13	PP	26	ID	
23	29	46	DOS		0.30	2C	0.02	161	Bobbin	22		
23	29	52	DOS		0.30	2H	0.00	74	Bobbin	16		
23	29	53	DOS		0.46	2C	0.00	141	Bobbin	13		
23	29	59	DOS		1.32	1H	-0.15	78	Bobbin	17		
23	29	61	DIS		0.78	1H	-0.06	33	Bobbin	18		
23	29	61	SAI		0.31	1H	0.05	114	PP	67	OD	
23	29	61	SAI		0.19	1H	-0.09	113	PP	67	OD	
23	29	61	SAI		0.11	1H	-0.15	113	PP	67	OD	
23	29	61	TWD	39	1.31	7H	52.09	0	Bobbin	18		

**Table 1**  
**Service Induced Indications Identified During 2R13**

SG	Row	Col	Ind	%TW	Volts	Loc	Inch	Deg	Probe	Cal	IDOD	Reason for Plugging
23	29	61	TWD	21	0.30	7H	75.56	0	Bobbin	18		
23	29	66	DIS		0.17	2H	-0.02	33	Bobbin	19		
23	29	66	SAI		0.15	2H	-0.04	108	PP	67	OD	
23	29	76	DIS		0.63	1H	0.19	32	Bobbin	21		
23	29	81	DOS		0.13	1H	-0.23	86	Bobbin	21		
23	30	12	TWD	13	0.83	1C	0.02	148	Bobbin	14		
23	30	12	VOL		0.62	1C	-0.03	108	PP	67	OD	
23	30	15	DIS		0.34	1H	0.08	47	Bobbin	13		
23	30	15	SAI		0.24	1H	0.03	107	PP	71	OD	
23	30	18	DIS		0.22	3H	0.11	40	Bobbin	14		
23	30	19	DIS		0.44	6H	0.02	20	Bobbin	13		
23	30	28	DOS		0.55	2H	0.09	80	Bobbin	14		
23	30	40	DOS		0.25	1H	0.08	86	Bobbin	18		
23	30	43	DOS		0.32	2H	0.02	123	Bobbin	20		
23	30	45	DOS		0.29	1H	0.16	127	Bobbin	20		
23	30	46	DOS		0.48	1H	0.06	79	Bobbin	23		
23	30	83	DOS		0.36	1H	0.21	72	Bobbin	21		
23	31	14	DIS		0.58	1H	0.06	48	Bobbin	14		
23	31	15	DOS		0.61	1H	0.11	71	Bobbin	14		
23	31	16	DOS		0.22	2H	0.00	107	Bobbin	13		
23	31	29	DOS		0.73	1H	0.15	108	Bobbin	14		
23	31	30	DOS		0.32	1H	0.09	57	Bobbin	16		
23	31	33	DOS		0.51	1H	0.06	136	Bobbin	32		
23	31	36	DOS		0.54	1H	0.00	145	Bobbin	15		
23	31	45	DOS		0.79	1H	0.09	112	Bobbin	21		
23	31	45	DOS		0.44	2H	0.04	55	Bobbin	21		
23	31	45	SAI		0.19	2H	-0.06	110	PP	71	OD	
23	31	50	DOS		0.34	1H	-0.08	70	Bobbin	16		
23	31	58	DOS		0.39	1H	-0.06	45	Bobbin	19		
23	31	62	DOS		0.43	4C	0.19	53	Bobbin	17		
23	31	67	DOS		0.38	3H	-0.30	44	Bobbin	18		
23	31	67	SAI		0.10	3H	-0.06	107	PP	67	OD	
23	31	80	DIS		0.36	6C	0.04	22	Bobbin	21		
23	32	19	DIS		0.47	6H	0.00	9	Bobbin	13		
23	32	22	DOS		0.62	1H	0.08	71	Bobbin	13		
23	32	28	DOS		0.29	2H	0.00	60	Bobbin	14		
23	32	42	DOS		0.34	1H	0.12	105	Bobbin	20		
23	32	46	DOS		0.80	1H	0.09	151	Bobbin	23		
23	32	55	DTS		11.81	TEH	0.68	48	Bobbin	15		
23	32	55	DTS		1.28	TEH	20.47	36	Bobbin	15		
23	32	55	SAI		2.14	TEH	1.74	29	PP	71	ID	
23	32	55	SAI		3.09	TEH	1.81	30	PP	71	ID	
23	32	55	SAI		1.74	TEH	20.55	27	PP	71	ID	
23	32	55	SAI		2.76	TEH	0.97	25	PP	71	ID	
23	32	55	SAI		2.39	TEH	1.71	26	PP	71	ID	
23	32	55	SAI		2.88	TEH	1.68	34	PP	71	ID	
23	32	55	SAI		2.62	TEH	0.91	29	PP	71	ID	
23	32	55	SAI		1.22	TEH	1.78	23	PP	71	ID	
23	32	55	SAI		1.83	TEH	1.68	26	PP	71	ID	

**Table 1**  
**Service Induced Indications Identified During 2R13**

SG	Row	Col	Ind	%TW	Volts	Loc	Inch	Deg	Probe	Cal	IDOD	Reason for Plugging
23	32	55	SAI		1.75	TSH	-1.08	25	PP	26	ID	
23	32	59	DOS		0.31	2H	-0.18	119	Bobbin	18		
23	32	70	DOS		0.52	1H	0.00	49	Bobbin	20		
23	32	70	SAI		0.29	1H	0.10	91	PP	71	OD	
23	32	70	SAI		0.11	1H	-0.13	147	PP	71	OD	
23	33	16	TWD	14	0.86	3C	-0.04	124	Bobbin	13		
23	33	20	DOS		0.31	1H	0.11	42	Bobbin	14		
23	33	34	DOS		0.74	2H	0.08	96	Bobbin	15		
23	33	35	DIS		0.48	2H	0.00	39	Bobbin	15		
23	33	35	SAI		0.08	2H	-0.02	103	PP	67	OD	
23	33	36	TWD	32	1.20	7H	59.76	0	Bobbin	15		
23	33	36	TWD	28	0.87	7H	85.93	0	Bobbin	15		
23	33	42	TWD	19	0.33	7H	85.61	0	Bobbin	19		
23	33	47	DOS		0.45	3H	0.00	97	Bobbin	23		
23	33	53	DOS		0.27	4C	0.15	95	Bobbin	13		
23	33	55	DOS		0.31	1H	-0.02	104	Bobbin	16		
23	33	55	DOS		0.38	2H	0.02	39	Bobbin	16		
23	33	57	DOS		0.89	1H	-0.06	58	Bobbin	17		
23	33	57	SAI		0.36	1H	-0.09	104	PP	71	OD	
23	33	57	SAI		0.18	1H	-0.02	106	PP	71	OD	
23	33	57	DIS		0.65	2H	-0.02	27	Bobbin	17		
23	33	57	SAI		0.16	2H	-0.01	93	PP	67	OD	
23	33	57	SAI		0.15	2H	0.04	77	PP	67	OD	
23	33	57	DOS		0.23	3H	-0.13	83	Bobbin	17		
23	33	61	TWD	17	0.23	7H	86.82	0	Bobbin	18		
23	33	61	TWD	12	0.14	7H	111.54	0	Bobbin	18		
23	33	63	DOS		0.26	1H	-0.09	72	Bobbin	17		
23	33	67	TWD	6	0.06	7H	110.69	0	Bobbin	18		
23	33	67	TWD	19	0.27	7H	59.47	0	Bobbin	18		
23	33	67	TWD	28	0.53	7H	86.69	0	Bobbin	18		
23	33	77	DIS		0.83	4H	-0.24	24	Bobbin	20		
23	34	46	DIS		0.75	3H	0.00	44	Bobbin	23		
23	34	51	TWD	23	0.37	7H	60.98	0	Bobbin	12		
23	34	51	TWD	31	0.74	7H	89.05	0	Bobbin	12		
23	34	58	TWD	25	0.41	7H	88.82	0	Bobbin	18		
23	34	58	TWD	31	0.65	7H	60.77	0	Bobbin	18		
23	34	65	DOS		0.49	1H	-0.04	80	Bobbin	18		
23	34	68	DIS		0.61	3H	-0.30	31	Bobbin	18		
23	34	77	DOS		0.27	3C	-0.23	47	Bobbin	21		
23	35	27	DOS		0.75	1H	-0.09	130	Bobbin	14		
23	35	43	DOS		0.34	2H	0.02	88	Bobbin	20		
23	35	46	DOS		0.13	1H	0.08	68	Bobbin	22		
23	35	46	DOS		0.57	2H	0.02	51	Bobbin	22		
23	35	49	PVN		12.19	3C	13.61	16	Bobbin	23		
23	35	53	DOS		0.41	2H	-0.11	68	Bobbin	13		
23	35	61	DOS		0.62	3H	-0.04	73	Bobbin	18		
23	35	71	DIS		0.11	1H	-0.08	61	Bobbin	20		
23	35	71	SAI		0.07	1H	-0.07	113	PP	71	OD	
23	35	78	DOS		0.16	1H	-0.02	60	Bobbin	21		

**Table 1**  
**Service Induced Indications Identified During 2R13**

SG	Row	Col	Ind	%TW	Volts	Loc	Inch	Deg	Probe	Cal	IDOD	Reason for Plugging
23	36	19	TWD	21	1.39	1C	0.00	122	Bobbin	13		
23	36	20	DIS		1.11	6H	0.08	17	Bobbin	13		
23	36	36	TWD	19	0.39	7H	123.00	0	Bobbin	15		
23	36	36	TWD	23	0.56	7H	64.08	0	Bobbin	15		
23	36	36	TWD	21	0.45	7H	93.72	0	Bobbin	15		
23	36	38	TWD	15	0.23	7H	94.64	0	Bobbin	17		
23	36	55	DIS		0.62	2H	0.08	30	Bobbin	26		
23	36	70	TWD	13	0.16	7H	34.41	0	Bobbin	20		
23	36	76	DOS		1.38	2H	-0.10	70	Bobbin	20		
23	36	76	DOS		0.12	3H	-0.02	84	Bobbin	20		
23	37	19	DOS		0.54	1H	0.09	66	Bobbin	14		
23	37	19	SAI		0.42	1H	0.05	104	PP	68	OD	
23	37	20	TWD	12	0.74	2C	-0.13	147	Bobbin	14		
23	37	21	DOS		0.41	1H	-0.02	110	Bobbin	14		
23	37	36	DIS		0.73	4H	-0.06	15	Bobbin	15		
23	37	41	DOS		0.20	2H	0.08	47	Bobbin	18		
23	37	47	DOS		0.44	2H	0.06	74	Bobbin	23		
23	37	61	SAI		0.13	1H	0.08	107	PP	67	OD	
23	37	66	DOS		0.55	1H	-0.04	119	Bobbin	19		
23	38	55	DOS		0.27	2H	0.00	123	Bobbin	26		
23	39	40	DOS		0.69	2H	0.04	76	Bobbin	19		
23	39	43	DOS		0.17	2H	0.10	140	Bobbin	20		
23	39	51	DOS		0.22	2H	-0.13	87	Bobbin	11		
23	39	56	DOS		0.15	5C	-0.06	113	Bobbin	17		
23	39	68	DOS		1.01	1H	-0.14	71	Bobbin	20		
23	40	39	DOS		0.37	1H	0.06	40	Bobbin	18		
23	40	43	DOS		0.29	4H	-0.02	114	Bobbin	21		
23	40	50	DOS		0.24	3H	-0.08	90	Bobbin	14		
23	41	35	DOS		0.48	1H	0.02	75	Bobbin	15		
23	41	41	DOS		0.16	7H	0.12	115	Bobbin	18		
23	41	45	DOS		0.34	2H	0.04	54	Bobbin	21		
23	41	47	DOS		0.22	3H	0.02	45	Bobbin	23		
23	41	66	TWD	6	0.39	2C	0.00	157	Bobbin	19		
23	41	67	DIS		0.49	1H	0.10	40	Bobbin	18		
23	41	69	DOS		0.48	1H	-0.04	103	Bobbin	19		
23	41	69	TWD	13	0.86	2C	-0.02	160	Bobbin	19		
23	42	29	DIS		0.54	1H	0.06	35	Bobbin	16		
23	42	30	DOS		0.42	2H	0.04	35	Bobbin	15		
23	42	31	TWD	10	0.65	1C	-0.18	135	Bobbin	15		
23	42	35	DOS		0.28	2H	0.10	63	Bobbin	15		
23	42	43	DOS		0.59	2H	0.09	69	Bobbin	21		
23	42	44	DOS		0.55	1H	0.13	120	Bobbin	21		
23	42	44	DOS		0.51	3H	0.02	41	Bobbin	21		
23	42	45	DOS		0.42	2H	0.18	77	Bobbin	20		
23	42	54	DOS		0.49	2H	-0.12	67	Bobbin	14		
23	42	54	SAI		0.09	2H	-0.08	117	PP	71	OD	
23	42	54	SAI		0.18	2H	-0.09	114	PP	71	OD	
23	42	62	DOS		0.89	1H	0.14	133	Bobbin	14		
23	42	64	TWD	12	0.75	2C	-0.20	138	Bobbin	26		

**Table 1**  
**Service Induced Indications Identified During 2R13**

SG	Row	Col	Ind	%TW	Volts	Loc	Inch	Deg	Probe	Cal	IDOD	Reason for Plugging
23	42	65	DOS		0.61	1H	0.04	106	Bobbin	18		
23	42	65	TWD	12	0.78	2C	-0.10	165	Bobbin	18		
23	42	66	DIS		0.21	6H	-0.09	32	Bobbin	19		
23	43	34	DIS		0.32	2H	0.12	36	Bobbin	15		
23	43	41	DOS		0.17	5H	0.06	40	Bobbin	18		
23	43	47	DIS		1.18	2H	-0.04	18	Bobbin	23		
23	43	57	DOS		0.40	6C	0.16	37	Bobbin	14		
23	43	59	DOS		0.56	1H	0.10	110	Bobbin	14		
23	43	65	TWD	22	1.48	2C	-0.08	118	Bobbin	17		
23	44	36	DOS		0.16	1H	0.20	73	Bobbin	32		
23	44	41	TWD	20	1.31	2C	-0.17	124	Bobbin	19		
23	44	42	DOS		0.27	2H	0.02	82	Bobbin	19		
23	44	42	DOS		1.52	3H	0.04	91	Bobbin	19		
23	44	42	SAI		0.76	3H	-0.08	96	PP	71	OD	
23	44	44	DOS		1.04	1H	0.21	112	Bobbin	21		
23	44	46	DOS		0.41	2H	0.09	79	Bobbin	21		
23	44	47	DOS		0.32	2H	0.10	59	Bobbin	22		
23	44	51	DOS		0.32	1H	0.16	136	Bobbin	12		
23	44	57	DOS		1.23	1H	0.00	104	Bobbin	13		
23	45	37	TWD	7	0.45	4C	-0.07	150	Bobbin	17		
23	45	37	DTS		1.64	TEH	20.03	33	Bobbin	17		
23	45	37	SAI		1.45	TSH	-1.54	21	PP	26	ID	
23	45	43	DOS		0.49	2H	0.00	97	Bobbin	20		
23	45	45	TWD	5	0.29	2C	-0.19	126	Bobbin	21		
23	45	45	DOS		0.37	2H	0.02	81	Bobbin	21		
23	45	46	TWD	18	1.22	2C	-0.24	118	Bobbin	20		
23	45	48	DIS		0.98	2H	0.10	29	Bobbin	22		
23	45	48	DOS		0.39	5H	0.16	57	Bobbin	22		
23	45	50	DOS		0.24	1H	0.00	64	Bobbin	11		
23	45	56	DIS		0.58	1H	0.22	78	Bobbin	14		
23	45	56	SAI		0.52	1H	0.22	10	PP	26	ID	
23	45	56	TWD	13	0.83	2C	-0.12	135	Bobbin	14		
23	45	57	DOS		1.40	1H	0.10	132	Bobbin	14		
23	45	57	TWD	18	1.22	3C	-0.04	125	Bobbin	14		
23	45	59	TWD	13	0.84	3C	-0.16	131	Bobbin	14		
23	46	41	DOS		0.51	6H	0.04	140	Bobbin	19		
23	46	46	TWD	14	0.93	2C	-0.21	141	Bobbin	21		
23	46	46	DIS		0.68	2H	0.00	36	Bobbin	21		
23	46	46	DOS		0.61	3H	0.28	119	Bobbin	21		
23	46	47	DOS		0.38	1H	0.11	105	Bobbin	23		
23	46	48	TWD	34	2.52	2C	-0.28	119	Bobbin	23		
23	46	51	TWD	13	0.86	2C	-0.14	139	Bobbin	12		



**Table 1**  
**Service Induced Indications Identified During 2R13**

SG	Row	Col	Ind	%TW	Volts	Loc	Inch	Deg	Probe	Cal	IDOD	Reason for Plugging
24	1	3	PVN		10.18	4C	-0.09	188	Bobbin	3		
24	1	7	DOS		0.23	5C	0.00	113	Bobbin	3		
24	1	15	DOS		0.34	1H	0.08	80	Bobbin	4		
24	1	15	DOS		0.51	4H	0.10	101	Bobbin	4		
24	1	17	DOS		0.30	3H	0.04	111	Bobbin	4		
24	1	23	DOS		0.38	2H	0.06	50	Bobbin	4		
24	1	23	DOS		0.34	3H	-0.12	72	Bobbin	4		
24	1	25	DOS		0.48	5C	0.11	76	Bobbin	6		
24	1	30	DOS		0.25	1H	0.00	71	Bobbin	4		
24	1	31	DOS		0.44	2H	-0.08	122	Bobbin	4		
24	1	34	DOS		0.44	3H	-0.04	77	Bobbin	4		
24	1	41	DOS		0.39	2H	-0.06	109	Bobbin	4		
24	1	42	DOS		0.48	1H	-0.02	118	Bobbin	6		
24	1	44	DOS		0.50	3H	-0.04	63	Bobbin	6		
24	1	47	DOS		0.67	2H	-0.06	100	Bobbin	6		
24	1	48	DOS		0.39	2H	-0.04	71	Bobbin	6		
24	1	49	DOS		0.40	2H	0.00	88	Bobbin	6		
24	1	50	DOS		0.33	1H	-0.02	140	Bobbin	6		
24	1	50	DOS		1.14	2H	-0.08	91	Bobbin	6		
24	1	50	DOS		0.36	3H	-0.12	93	Bobbin	6		
24	1	51	DOS		0.18	2H	-0.06	92	Bobbin	4		
24	1	51	DOS		0.33	3H	0.02	59	Bobbin	4		
24	1	53	DOS		0.19	3H	-0.04	92	Bobbin	6		
24	1	56	DOS		0.31	2H	-0.10	119	Bobbin	6		
24	1	57	DOS		0.38	2H	-0.08	94	Bobbin	6		
24	1	59	DOS		0.74	2H	-0.15	116	Bobbin	6		
24	1	60	DOS		3.75	2H	-0.15	64	Bobbin	6		DOS>2V & SAI-OD @ 2H
24	1	60	SAI		0.11	2H	-0.01	123	PP	48	OD	DOS>2V & SAI-OD @ 2H
24	1	60	SAI		2.87	2H	-0.17	56	PP	48	OD	DOS>2V & SAI-OD @ 2H
24	1	60	SAI		0.21	2H	0.07	121	PP	48	OD	DOS>2V & SAI-OD @ 2H
24	1	64	DOS		1.31	2H	0.00	96	Bobbin	6		
24	1	64	DOS		0.31	3H	-0.08	45	Bobbin	6		
24	1	65	DOS		0.29	2H	-0.04	43	Bobbin	6		
24	1	68	DOS		0.40	1H	0.06	129	Bobbin	6		
24	1	89	DIS		0.27	6H	-0.02	21	Bobbin	6		
24	1	94	DOS		0.35	2H	0.04	119	Bobbin	6		
24	2	10	DOS		0.78	5H	0.06	125	Bobbin	4		
24	2	10	SAI		0.36	TSH	-1.59	16	PP	18	ID	
24	2	13	DIS		1.05	1H	0.15	17	Bobbin	3		
24	2	21	DIS		0.98	3H	-0.23	38	Bobbin	4		
24	2	21	SAI		0.28	3H	-0.14	57	PP	20	OD	
24	2	32	DOS		0.75	2H	-0.19	103	Bobbin	4		
24	2	33	DOS		0.35	6C	0.17	106	Bobbin	7		
24	2	35	DOS		1.55	2H	-0.04	84	Bobbin	4		
24	2	36	DIS		0.52	2H	0.00	21	Bobbin	4		
24	2	36	SAI		0.18	2H	0.00	107	PP	28	OD	
24	2	37	DOS		0.40	2H	-0.08	81	Bobbin	3		
24	2	38	DOS		0.31	3H	-0.04	86	Bobbin	4		

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**Service Induced Indications Identified During 2R13**

SG	Row	Col	Ind	%TW	Volts	Loc	Inch	Deg	Probe	Cal	IDOD	Reason for Plugging
24	2	39	DOS		0.47	2H	-0.10	116	Bobbin	3		
24	2	40	DOS		0.82	1H	-0.06	94	Bobbin	4		
24	2	40	DOS		0.97	2H	-0.14	100	Bobbin	4		
24	2	44	DOS		0.50	2H	-0.02	87	Bobbin	6		
24	2	48	DOS		0.32	1H	-0.02	92	Bobbin	5		
24	2	48	DOS		0.13	2C	-0.02	103	Bobbin	9		
24	2	53	DOS		0.74	2H	0.00	72	Bobbin	5		
24	2	54	DOS		1.30	2H	-0.21	102	Bobbin	5		
24	2	54	DOS		0.51	6C	0.21	113	Bobbin	5		
24	2	55	DOS		0.33	1H	-0.04	81	Bobbin	5		
24	2	55	DOS		0.99	2H	-0.13	82	Bobbin	5		
24	2	55	DOS		0.65	3H	-0.21	100	Bobbin	5		
24	2	60	DOS		0.20	2H	0.00	72	Bobbin	5		
24	2	61	DOS		0.28	1H	-0.06	91	Bobbin	5		
24	2	64	DOS		1.62	2H	0.08	88	Bobbin	6		
24	2	71	DOS		1.34	4H	-0.04	88	Bobbin	5		
24	2	81	DOS		0.51	1H	0.08	59	Bobbin	5		
24	2	93	TWD	9	0.57	2C	-0.17	142	Bobbin	8		
24	2	94	TWD	5	0.28	3C	-0.02	112	Bobbin	8		
24	2	94	VOL		0.14	3C	0.02	144	PP	52	OD	
24	3	5	SAI		2.77	TSH	-1.40	39	PP	18	ID	
24	3	12	DIS		0.86	3H	-0.13	24	Bobbin	3		
24	3	12	SAI		1.07	3H	-0.04	18	PP	25	ID	
24	3	12	DTS		0.97	TEH	19.41	35	Bobbin	3		
24	3	12	SAI		0.88	TSH	-2.54	29	PP	18	ID	
24	3	12	SAI		0.44	TSH	-2.96	24	PP	18	ID	
24	3	17	SAI		0.69	TSH	-4.06	25	PP	18	ID	
24	3	27	DOS		0.37	1H	-0.15	107	Bobbin	4		
24	3	27	DOS		0.50	4H	-0.21	56	Bobbin	4		
24	3	30	DOS		0.58	2H	-0.04	76	Bobbin	4		
24	3	30	SAI		0.34	2H	-0.07	113	PP	51	OD	
24	3	30	SAI		0.18	2H	-0.10	110	PP	51	OD	
24	3	35	DOS		0.59	1H	-0.17	102	Bobbin	3		
24	3	37	DOS		0.68	1H	0.00	63	Bobbin	3		
24	3	40	DOS		0.22	1H	-0.04	105	Bobbin	3		
24	3	41	DOS		0.84	2H	-0.02	74	Bobbin	4		
24	3	44	DIS		0.51	7H	-0.08	34	Bobbin	5		
24	3	45	DOS		0.50	3H	-0.02	86	Bobbin	5		
24	3	45	SAI		0.40	3H	0.01	90	PP	49	OD	
24	3	49	DOS		0.63	1H	-0.02	106	Bobbin	5		
24	3	58	DOS		1.44	2H	0.00	97	Bobbin	5		
24	3	63	DOS		0.92	2H	-0.11	128	Bobbin	5		
24	3	64	DOS		0.74	2H	-0.13	104	Bobbin	5		
24	3	70	DOS		1.14	2H	0.00	70	Bobbin	5		
24	3	70	SAI		0.69	2H	-0.05	74	PP	48	OD	
24	3	70	SAI		0.82	2H	0.15	82	PP	48	OD	
24	3	70	SAI		0.12	2H	0.00	114	PP	48	OD	
24	3	70	SAI		0.36	2H	0.01	97	PP	48	OD	
24	3	70	DOS		0.63	3H	0.04	96	Bobbin	5		

**Table 1**  
**Service Induced Indications Identified During 2R13**

SG	Row	Col	Ind	%TW	Volts	Loc	Inch	Deg	Probe	Cal	IDOD	Reason for Plugging
24	3	93	TWD	18	1.20	2C	-0.12	127	Bobbin	7		
24	4	3	DOS		0.42	1H	0.00	101	Bobbin	3		
24	4	6	SAI		0.55	TSH	-0.39	31	PP	30	ID	Failed W* Criteria
24	4	21	DOS		0.45	3H	-0.17	87	Bobbin	4		
24	4	24	DOS		0.88	1H	-0.02	85	Bobbin	4		Failed W* Criteria
24	4	24	SAI		0.44	TSH	-0.49	23	PP	22	ID	Failed W* Criteria
24	4	27	DOS		0.97	1H	-0.17	90	Bobbin	4		
24	4	31	DOS		0.77	2H	-0.15	96	Bobbin	4		
24	4	33	DOS		0.30	1H	-0.10	97	Bobbin	3		
24	4	33	DOS		0.23	2H	-0.02	68	Bobbin	3		
24	4	35	SAI		1.26	TSH	-1.68	25	PP	18	ID	
24	4	43	DOS		0.74	1H	0.00	75	Bobbin	5		
24	4	43	DOS		0.42	2H	-0.15	77	Bobbin	5		
24	4	47	DOS		0.21	1H	-0.04	108	Bobbin	5		
24	4	47	DOS		1.25	2H	-0.10	99	Bobbin	5		
24	4	47	DOS		0.36	3H	-0.06	73	Bobbin	5		
24	4	48	DOS		1.09	1H	-0.10	74	Bobbin	5		
24	4	48	DOS		0.44	2H	-0.10	110	Bobbin	5		
24	4	48	DOS		0.27	3H	-0.04	106	Bobbin	5		
24	4	52	DOS		1.06	1H	0.00	93	Bobbin	6		
24	4	52	DOS		0.24	3H	-0.08	125	Bobbin	6		
24	4	56	DOS		1.40	1H	0.00	95	Bobbin	6		
24	4	59	DOS		0.97	1H	-0.08	81	Bobbin	5		
24	4	60	DOS		1.88	1H	0.00	89	Bobbin	5		
24	4	60	SAI		0.12	1H	-0.04	107	PP	48	OD	
24	4	60	SAI		0.13	1H	0.16	101	PP	48	OD	
24	4	60	SAI		0.40	1H	-0.07	94	PP	48	OD	
24	4	60	SAI		0.90	1H	-0.11	79	PP	48	OD	
24	4	60	SAI		0.14	1H	-0.09	111	PP	48	OD	
24	4	60	DOS		0.42	2H	-0.06	98	Bobbin	5		
24	4	61	DOS		1.99	1H	-0.10	85	Bobbin	5		
24	4	61	SAI		0.54	1H	0.09	112	PP	48	OD	
24	4	61	SAI		1.76	1H	-0.09	76	PP	48	OD	
24	4	61	DOS		0.55	2H	-0.02	91	Bobbin	5		
24	4	63	DOS		0.35	1H	-0.06	91	Bobbin	6		
24	4	66	DOS		1.09	1H	-0.04	97	Bobbin	6		
24	4	66	DOS		0.66	2H	-0.10	117	Bobbin	6		
24	4	66	DOS		0.47	4H	-0.19	100	Bobbin	6		
24	4	66	DOS		0.42	5H	-0.10	76	Bobbin	6		
24	4	69	DOS		0.51	1H	-0.08	81	Bobbin	6		
24	4	69	DOS		1.11	2H	-0.12	89	Bobbin	6		
24	4	69	SAI		0.44	2H	-0.14	106	PP	48	OD	
24	4	69	SAI		0.21	2H	-0.04	109	PP	48	OD	
24	4	69	SAI		0.35	2H	-0.02	95	PP	48	OD	
24	4	69	SAI		0.29	2H	-0.02	106	PP	48	OD	
24	4	69	SAI		0.18	2H	0.05	106	PP	48	OD	
24	4	70	DOS		0.38	3H	-0.04	78	Bobbin	6		
24	4	92	PVN		11.29	3H	43.64	11	Bobbin	6		
24	4	94	TWD	6	0.37	2C	-0.11	162	Bobbin	8		

**Table 1**  
**Service Induced Indications Identified During 2R13**

SG	Row	Col	Ind	%TW	Volts	Loc	Inch	Deg	Probe	Cal	IDOD	Reason for Plugging
24	4	94	VOL		0.14	2C	-0.06	131	PP	55	OD	
24	5	4	DOS		0.64	1H	-0.04	70	Bobbin	3		
24	5	5	DOS		0.31	1H	0.00	89	Bobbin	3		
24	5	5	PVN		11.30	3C	29.70	12	Bobbin	3		
24	5	12	DOS		0.26	2H	-0.06	73	Bobbin	3		
24	5	15	DIS		0.46	1H	-0.04	23	Bobbin	3		
24	5	15	SAI		0.31	1H	0.01	7	PP	18	ID	
24	5	19	DOS		0.14	1H	-0.06	93	Bobbin	3		
24	5	19	SAI		0.15	1H	-0.03	100	PP	51	OD	
24	5	24	DOS		0.21	1H	-0.04	108	Bobbin	3		
24	5	24	SAI		0.15	1H	0.01	120	PP	51	OD	
24	5	27	DIS		0.31	1H	0.27	30	Bobbin	4		
24	5	27	SAI		0.10	1H	0.18	91	PP	21	OD	
24	5	29	DOS		0.37	2H	-0.10	88	Bobbin	4		
24	5	31	DOS		0.43	1H	-0.02	71	Bobbin	4		
24	5	31	SAI		0.94	TSH	-1.18	26	PP	18	ID	
24	5	36	DOS		1.21	1H	-0.19	86	Bobbin	3		
24	5	36	SAI		0.62	TSH	-2.02	28	PP	18	ID	
24	5	37	SAI		2.28	TSH	-4.18	31	PP	18	ID	
24	5	39	DOS		0.50	1H	-0.04	75	Bobbin	3		
24	5	42	DOS		0.37	4C	0.17	97	Bobbin	7		
24	5	45	DOS		0.24	1H	-0.06	95	Bobbin	5		
24	5	45	DOS		1.08	2H	0.00	74	Bobbin	5		
24	5	49	DOS		0.23	1H	-0.08	98	Bobbin	5		
24	5	51	DOS		0.47	1H	-0.04	109	Bobbin	5		
24	5	51	DOS		0.66	2H	-0.10	60	Bobbin	5		
24	5	53	DTS		1.37	TEH	19.84	45	Bobbin	5		
24	5	53	SAI		1.94	TSH	-1.83	27	PP	18	ID	
24	5	56	DOS		0.34	2H	-0.02	81	Bobbin	5		
24	5	56	DOS		0.28	5H	-0.02	86	Bobbin	5		
24	5	57	FSI		0.70	7H	16.15	7	Bobbin	34		
24	5	57	FSI		1.73	7H	10.00	14	Bobbin	34		
24	5	61	SAI		0.44	TSH	-10.31	25	PP	18	ID	
24	5	64	DOS		0.45	1H	-0.04	115	Bobbin	5		
24	5	64	DOS		0.44	2H	-0.02	123	Bobbin	5		
24	5	65	DOS		1.46	1H	-0.11	85	Bobbin	5		
24	5	67	DOS		0.62	2H	-0.04	45	Bobbin	5		
24	5	67	SAI		0.26	2H	-0.06	106	PP	40	OD	
24	5	69	DOS		0.56	1H	-0.06	59	Bobbin	5		
24	5	70	DOS		0.38	2H	-0.10	104	Bobbin	5		
24	5	70	DOS		0.35	3H	-0.06	69	Bobbin	5		
24	5	71	DOS		0.32	2H	-0.06	81	Bobbin	5		
24	5	74	DOS		0.96	4H	-0.15	107	Bobbin	5		
24	5	93	TWD	9	0.58	1C	-0.17	134	Bobbin	7		
24	5	93	DOS		0.57	4H	0.10	124	Bobbin	6		
24	6	5	DOS		0.41	2H	0.14	102	Bobbin	19		
24	6	11	DOS		0.88	1H	-0.14	103	Bobbin	19		
24	6	15	DOS		0.72	1H	0.08	89	Bobbin	19		
24	6	16	DOS		0.77	2H	0.00	99	Bobbin	19		

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**Service Induced Indications Identified During 2R13**

SG	Row	Col	Ind	%TW	Volts	Loc	Inch	Deg	Probe	Cal	IDOD	Reason for Plugging
24	6	31	DOS		0.71	3H	-0.18	109	Bobbin	27		
24	6	33	DTS		2.79	TEH	17.66	33	Bobbin	27		
24	6	33	SAI		1.53	TSH	-2.94	27	PP	18	ID	
24	6	43	DOS		0.40	3H	-0.08	91	Bobbin	21		
24	6	45	DOS		0.38	1H	0.08	100	Bobbin	21		
24	6	47	DOS		1.09	1H	-0.04	87	Bobbin	21		
24	6	47	DOS		1.38	2H	0.06	76	Bobbin	21		
24	6	47	DOS		0.98	3H	-0.10	54	Bobbin	21		
24	6	49	DOS		0.58	2H	0.00	110	Bobbin	21		
24	6	52	DOS		0.51	1H	-0.06	83	Bobbin	30		
24	6	55	DOS		0.31	2H	-0.12	102	Bobbin	16		
24	6	55	DOS		0.20	3H	-0.10	84	Bobbin	16		
24	6	56	DOS		2.05	1H	-0.02	80	Bobbin	16		DOS>2V & SAI-OD @ 1H
24	6	56	SAI		0.43	1H	-0.10	106	PP	48	OD	DOS>2V & SAI-OD @ 1H
24	6	56	SAI		0.70	1H	-0.03	79	PP	48	OD	DOS>2V & SAI-OD @ 1H
24	6	56	SAI		1.24	1H	0.00	88	PP	48	OD	DOS>2V & SAI-OD @ 1H
24	6	56	SAI		0.10	1H	0.05	96	PP	48	OD	DOS>2V & SAI-OD @ 1H
24	6	56	SAI		0.09	1H	0.05	116	PP	48	OD	DOS>2V & SAI-OD @ 1H
24	6	56	DOS		1.32	2H	-0.10	72	Bobbin	16		DOS>2V & SAI-OD @ 1H
24	6	57	DOS		0.81	1H	-0.08	95	Bobbin	15		
24	6	58	DOS		0.22	1H	0.00	123	Bobbin	30		
24	6	62	DOS		0.66	1H	-0.04	61	Bobbin	30		
24	6	62	SAI		0.12	1H	-0.04	130	PP	48	OD	
24	6	62	SAI		0.24	1H	0.04	106	PP	48	OD	
24	6	62	SAI		0.25	1H	-0.05	91	PP	48	OD	
24	6	63	DOS		0.56	2H	-0.14	78	Bobbin	31		
24	6	64	DOS		3.82	2H	0.02	59	Bobbin	31		DOS>2V & SAI-OD @ 2H
24	6	64	SAI		0.25	2H	0.29	110	PP	48	OD	DOS>2V & SAI-OD @ 2H
24	6	64	SAI		2.16	2H	-0.07	61	PP	48	OD	DOS>2V & SAI-OD @ 2H
24	6	65	DOS		0.55	2H	-0.10	55	Bobbin	31		
24	6	66	DOS		0.75	2H	0.04	52	Bobbin	31		
24	6	66	SAI		0.14	2H	0.00	95	PP	48	OD	
24	6	66	SAI		0.25	2H	0.00	94	PP	48	OD	
24	6	66	SAI		0.12	2H	-0.03	102	PP	48	OD	
24	6	69	DOS		0.51	1H	-0.06	120	Bobbin	30		
24	6	70	DOS		1.14	2H	-0.04	81	Bobbin	13		
24	6	73	DOS		0.47	2H	0.04	115	Bobbin	14		
24	6	88	DOS		0.81	5H	0.08	115	Bobbin	14		
24	7	4	SAI		0.74	TSH	-1.24	23	PP	18	ID	
24	7	5	DOS		0.44	1H	-0.06	139	Bobbin	18		
24	7	8	DOS		0.62	1H	0.04	103	Bobbin	18		
24	7	10	DOS		2.81	2H	0.02	67	Bobbin	18		DOS>2V & SAI-OD @ 2H
24	7	10	SAI		0.21	2H	-0.03	102	PP	51	OD	DOS>2V & SAI-OD @ 2H
24	7	10	SAI		2.14	2H	-0.05	59	PP	51	OD	DOS>2V & SAI-OD @ 2H
24	7	18	DOS		0.72	1H	-0.16	98	Bobbin	18		
24	7	18	SAI		0.30	1H	-0.16	114	PP	51	OD	
24	7	18	SAI		0.41	1H	-0.16	118	PP	51	OD	
24	7	19	DOS		0.49	1H	-0.12	101	Bobbin	18		
24	7	22	DOS		0.73	1H	-0.02	71	Bobbin	20		

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**Service Induced Indications Identified During 2R13**

SG	Row	Col	Ind	%TW	Volts	Loc	Inch	Deg	Probe	Cal	IDOD	Reason for Plugging
24	7	25	DOS		0.42	2H	0.04	94	Bobbin	20		
24	7	25	DOS		1.04	3H	0.00	108	Bobbin	20		
24	7	27	DOS		0.95	1H	-0.02	118	Bobbin	20		
24	7	30	DOS		0.20	2H	-0.02	80	Bobbin	26		
24	7	35	DOS		0.41	1H	-0.12	109	Bobbin	26		
24	7	35	DOS		0.34	3H	0.00	62	Bobbin	26		
24	7	36	DOS		0.28	1H	0.12	101	Bobbin	26		
24	7	38	DTS		3.34	TEH	14.56	26	Bobbin	27		
24	7	38	SAI		2.06	TSH	-6.87	28	PP	18	ID	
24	7	38	SAI		2.74	TSH	-4.32	27	PP	18	ID	
24	7	40	DOS		0.36	1H	0.00	124	Bobbin	20		
24	7	40	DOS		0.94	2H	-0.04	74	Bobbin	20		
24	7	40	SAI		0.10	3H	0.07	110	PP	29	OD	
24	7	45	DOS		1.05	1H	-0.02	87	Bobbin	20		
24	7	45	DOS		0.62	2H	-0.06	107	Bobbin	20		
24	7	47	DOS		0.91	1H	0.08	122	Bobbin	20		
24	7	50	DOS		0.79	1H	0.04	108	Bobbin	30		
24	7	50	DOS		1.68	2H	-0.02	80	Bobbin	30		
24	7	50	DOS		0.98	3H	-0.08	101	Bobbin	30		
24	7	53	DOS		0.41	3H	-0.04	59	Bobbin	15		
24	7	53	SAI		0.28	TSH	-2.74	22	PP	18	ID	
24	7	55	DOS		1.41	2H	-0.14	74	Bobbin	15		
24	7	56	DOS		0.42	2H	0.02	58	Bobbin	15		
24	7	56	DOS		1.97	3H	-0.04	78	Bobbin	15		
24	7	56	SAI		0.92	3H	-0.01	83	PP	48	OD	
24	7	56	SAI		0.83	3H	-0.01	78	PP	48	OD	
24	7	58	DOS		1.32	1H	-0.02	67	Bobbin	31		
24	7	59	DOS		0.62	1H	0.06	98	Bobbin	31		
24	7	59	DOS		0.55	2H	0.00	98	Bobbin	31		
24	7	60	DOS		0.50	1H	0.06	67	Bobbin	30		
24	7	61	DOS		0.23	1H	0.06	113	Bobbin	31		
24	7	64	DOS		0.46	1H	0.12	122	Bobbin	30		
24	7	65	DOS		0.62	3H	0.00	43	Bobbin	30		
24	7	65	SAI		0.29	3H	-0.01	109	PP	44	OD	
24	7	68	DOS		1.34	1H	0.16	96	Bobbin	30		
24	7	68	DOS		0.63	3H	-0.02	106	Bobbin	30		
24	7	75	DOS		0.64	2H	-0.06	55	Bobbin	13		
24	7	77	DOS		1.07	3H	0.00	92	Bobbin	14		
24	7	77	DOS		0.24	4H	0.02	91	Bobbin	14		
24	7	78	DOS		4.16	3H	-0.10	66	Bobbin	13		DOS>2V & SAI-OD @ 3H
24	7	78	SAI		2.89	3H	-0.04	55	PP	48	OD	DOS>2V & SAI-OD @ 3H
24	7	81	DOS		1.97	2H	0.00	46	Bobbin	13		
24	7	81	SAI		0.40	2H	0.06	101	PP	48	OD	
24	7	81	SAI		0.32	2H	-0.15	111	PP	48	OD	
24	7	81	SAI		0.45	2H	-0.06	96	PP	48	OD	
24	7	81	SAI		0.11	2H	-0.05	113	PP	48	OD	
24	7	82	DOS		0.66	2H	-0.16	126	Bobbin	13		
24	7	85	DOS		0.57	4H	-0.08	49	Bobbin	13		
24	7	86	DOS		0.48	3C	0.10	94	Bobbin	13		

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**Service Induced Indications Identified During 2R13**

SG	Row	Col	Ind	%TW	Volts	Loc	Inch	Deg	Probe	Cal	IDOD	Reason for Plugging
24	7	92	DOS		0.37	1C	0.34	66	Bobbin	13		
24	7	93	TWD	8	0.51	1C	-0.12	136	Bobbin	14		
24	7	93	VOL		0.20	1C	-0.12	109	PP	52	OD	
24	8	5	DOS		0.31	1H	0.00	78	Bobbin	19		
24	8	11	DOS		0.94	1H	0.02	47	Bobbin	19		
24	8	18	DOS		1.07	1H	0.00	70	Bobbin	19		
24	8	20	DIS		1.13	1H	-0.20	46	Bobbin	21		
24	8	20	SAI		0.99	1H	-0.16	15	PP	18	ID	
24	8	25	DOS		1.31	2H	-0.02	97	Bobbin	21		Multi SCI-ID in Ubend
24	8	25	SCI		1.06	7H	38.37	27	PP	48	ID	Multi SCI-ID in Ubend
24	8	25	SCI		0.56	7H	26.15	22	PP	48	ID	Multi SCI-ID in Ubend
24	8	25	SCI		0.69	7H	38.13	25	PP	48	ID	Multi SCI-ID in Ubend
24	8	26	DOS		0.85	1H	0.02	90	Bobbin	21		
24	8	29	DOS		1.18	1H	0.10	140	Bobbin	27		
24	8	30	DOS		1.36	2H	-0.16	79	Bobbin	27		
24	8	33	DOS		0.33	2H	0.00	81	Bobbin	27		
24	8	34	DOS		0.44	4H	0.06	119	Bobbin	27		
24	8	37	DOS		0.49	1H	0.08	104	Bobbin	27		
24	8	39	DOS		0.22	2H	0.06	110	Bobbin	27		
24	8	41	DIS		0.36	1H	0.02	48	Bobbin	21		
24	8	41	SAI		0.27	1H	-0.07	110	PP	49	OD	
24	8	44	DOS		0.66	2H	-0.08	82	Bobbin	21		
24	8	49	DOS		0.42	1H	0.08	136	Bobbin	21		
24	8	50	PVN		10.01	3H	39.40	13	Bobbin	14		
24	8	51	DOS		0.87	2H	-0.16	110	Bobbin	14		
24	8	51	DOS		0.25	4H	0.04	102	Bobbin	14		
24	8	52	DOS		0.64	1H	-0.02	83	Bobbin	14		
24	8	55	DOS		0.34	2H	-0.06	111	Bobbin	16		
24	8	57	DOS		0.55	1H	-0.10	102	Bobbin	15		
24	8	57	DOS		0.56	2H	-0.06	123	Bobbin	15		
24	8	61	DOS		0.53	1H	0.00	106	Bobbin	30		
24	8	62	DOS		0.98	1H	-0.16	95	Bobbin	31		
24	8	62	DOS		1.37	2H	0.00	104	Bobbin	31		
24	8	64	DOS		0.47	1H	0.12	112	Bobbin	31		
24	8	66	DOS		0.26	1H	0.08	110	Bobbin	31		
24	8	67	DOS		0.87	1H	-0.08	91	Bobbin	30		
24	8	67	DOS		0.32	2H	0.04	97	Bobbin	30		
24	8	67	DOS		0.41	4H	0.06	87	Bobbin	30		
24	8	69	DOS		1.11	1H	0.02	71	Bobbin	30		DOS>2V & SAI-OD @ 2H
24	8	69	SAI		0.81	1H	-0.05	90	PP	48	OD	DOS>2V & SAI-OD @ 2H
24	8	69	DOS		2.19	2H	0.04	112	Bobbin	30		DOS>2V & SAI-OD @ 2H
24	8	69	SAI		0.65	2H	-0.04	95	PP	48	OD	DOS>2V & SAI-OD @ 2H
24	8	69	SAI		1.02	2H	-0.01	100	PP	48	OD	DOS>2V & SAI-OD @ 2H
24	8	69	SAI		0.37	2H	0.05	100	PP	48	OD	DOS>2V & SAI-OD @ 2H
24	8	69	DOS		0.66	3H	-0.02	82	Bobbin	30		DOS>2V & SAI-OD @ 2H
24	8	70	DOS		0.48	2H	0.06	71	Bobbin	14		
24	8	71	DOS		0.35	2H	-0.08	86	Bobbin	14		
24	8	72	DOS		0.23	1H	0.02	109	Bobbin	14		
24	8	72	DOS		0.47	2H	0.02	39	Bobbin	14		

**Table 1**  
**Service Induced Indications Identified During 2R13**

SG	Row	Col	Ind	%TW	Volts	Loc	Inch	Deg	Probe	Cal	IDOD	Reason for Plugging
24	8	72	SAI		0.22	2H	-0.14	92	PP	48	OD	
24	8	72	SAI		0.13	2H	0.05	95	PP	48	OD	
24	8	72	SAI		0.14	2H	0.05	87	PP	48	OD	
24	8	72	DOS		1.12	3H	-0.07	38	Bobbin	14		
24	8	72	SAI		0.16	3H	-0.07	104	PP	48	OD	
24	8	72	SAI		0.33	3H	-0.07	52	PP	48	OD	
24	8	73	DOS		0.83	2H	-0.04	84	Bobbin	14		
24	8	73	DOS		0.61	4H	-0.07	120	Bobbin	14		
24	8	74	DOS		1.17	2H	-0.10	60	Bobbin	14		
24	8	74	SAI		0.21	2H	-0.20	99	PP	48	OD	
24	8	74	SAI		0.22	2H	-0.02	108	PP	48	OD	
24	8	74	SAI		0.31	2H	-0.14	86	PP	48	OD	
24	8	74	SAI		0.08	2H	-0.01	114	PP	48	OD	
24	8	74	SAI		0.20	2H	-0.17	117	PP	48	OD	
24	8	74	DOS		0.52	3H	-0.08	81	Bobbin	14		
24	8	76	DOS		3.09	2H	0.00	67	Bobbin	14		DOS>2V & SAI-OD @ 2H
24	8	76	SAI		0.13	2H	-0.04	96	PP	48	OD	DOS>2V & SAI-OD @ 2H
24	8	76	SAI		0.14	2H	-0.05	98	PP	48	OD	DOS>2V & SAI-OD @ 2H
24	8	76	SAI		1.85	2H	-0.03	63	PP	48	OD	DOS>2V & SAI-OD @ 2H
24	8	76	SAI		0.45	2H	-0.03	102	PP	48	OD	DOS>2V & SAI-OD @ 2H
24	8	76	SAI		0.19	2H	0.02	102	PP	48	OD	DOS>2V & SAI-OD @ 2H
24	8	76	SAI		0.14	2H	-0.11	124	PP	48	OD	DOS>2V & SAI-OD @ 2H
24	8	76	DOS		0.62	3H	-0.18	35	Bobbin	14		DOS>2V & SAI-OD @ 2H
24	8	77	DOS		0.69	2H	0.08	101	Bobbin	13		
24	8	78	DOS		1.37	2H	-0.02	71	Bobbin	14		
24	8	81	DOS		0.57	4H	-0.06	101	Bobbin	14		
24	8	84	DOS		0.85	4H	0.00	95	Bobbin	14		
24	8	87	DOS		0.60	3H	-0.13	74	Bobbin	14		
24	8	88	DOS		0.31	2H	0.14	111	Bobbin	14		
24	8	93	DOS		1.47	2H	-0.02	92	Bobbin	13		
24	9	11	DOS		0.58	1H	-0.04	54	Bobbin	18		
24	9	13	DOS		0.61	1H	-0.02	66	Bobbin	18		
24	9	15	DOS		1.01	1H	0.00	76	Bobbin	18		
24	9	18	DOS		0.60	1H	0.00	95	Bobbin	18		
24	9	23	DOS		0.30	1H	0.04	125	Bobbin	21		
24	9	26	DOS		0.75	2H	-0.12	71	Bobbin	20		
24	9	27	DOS		0.46	1H	-0.10	121	Bobbin	26		
24	9	29	DOS		1.00	1H	0.16	118	Bobbin	26		
24	9	31	DOS		0.42	1H	0.02	89	Bobbin	26		
24	9	32	DIS		0.58	2H	-0.26	43	Bobbin	26		
24	9	34	DOS		0.22	2H	0.02	88	Bobbin	26		
24	9	34	SAI		0.21	2H	0.02	113	PP	51	OD	
24	9	40	DOS		0.29	1H	-0.04	79	Bobbin	20		
24	9	42	DOS		1.06	1H	0.02	79	Bobbin	20		
24	9	42	DOS		0.36	2H	-0.02	109	Bobbin	20		
24	9	43	DOS		0.41	1H	-0.22	66	Bobbin	20		
24	9	43	DOS		0.52	4H	-0.14	89	Bobbin	20		
24	9	44	DOS		0.44	2H	0.06	87	Bobbin	20		
24	9	46	DOS		0.56	2H	0.00	99	Bobbin	20		



**Table 1**  
**Service Induced Indications Identified During 2R13**

SG	Row	Col	Ind	%TW	Volts	Loc	Inch	Deg	Probe	Cal	IDOD	Reason for Plugging
24	9	47	DOS		1.37	1H	0.00	74	Bobbin	21		
24	9	50	DOS		1.29	2H	-0.04	67	Bobbin	13		
24	9	51	DOS		0.94	1H	-0.06	89	Bobbin	13		
24	9	55	DOS		0.24	2H	-0.04	77	Bobbin	15		
24	9	58	DOS		0.42	2H	0.14	136	Bobbin	31		
24	9	60	DOS		0.37	2H	0.04	48	Bobbin	31		
24	9	60	DOS		0.28	3H	-0.27	91	Bobbin	31		
24	9	61	DOS		1.67	1H	0.08	99	Bobbin	31		
24	9	61	DOS		0.98	2H	-0.04	83	Bobbin	31		
24	9	63	DOS		0.56	2H	-0.16	98	Bobbin	31		
24	9	66	DOS		0.67	1H	0.00	72	Bobbin	30		
24	9	66	DOS		0.90	2H	0.06	114	Bobbin	30		
24	9	79	DOS		1.78	2H	-0.07	100	Bobbin	14		
24	9	79	SAI		0.36	2H	0.04	114	PP	48	OD	
24	9	79	SAI		0.23	2H	0.06	83	PP	48	OD	
24	9	79	SAI		0.17	2H	-0.04	91	PP	48	OD	
24	9	79	SAI		1.50	2H	-0.06	81	PP	48	OD	
24	9	80	DOS		0.50	4H	-0.02	121	Bobbin	13		
24	9	84	DOS		0.95	2H	-0.14	86	Bobbin	13		
24	9	85	DOS		0.34	3H	0.02	122	Bobbin	13		
24	9	87	DOS		0.25	1H	-0.12	143	Bobbin	13		
24	9	88	DOS		0.48	3H	0.00	67	Bobbin	13		
24	9	90	DOS		1.17	3H	-0.10	69	Bobbin	13		
24	9	91	PVN		10.30	2H	19.84	14	Bobbin	13		
24	10	11	DOS		1.21	1H	0.04	54	Bobbin	19		
24	10	11	SAI		0.73	1H	-0.01	94	PP	51	OD	
24	10	17	DOS		1.09	1H	0.00	98	Bobbin	18		
24	10	27	DIS		2.38	3H	0.35	14	Bobbin	27		
24	10	29	DOS		0.81	1H	0.00	80	Bobbin	27		
24	10	29	DIS		1.41	3H	0.31	23	Bobbin	27		
24	10	29	SAI		0.17	3H	-0.25	116	PP	24	OD	
24	10	34	DOS		0.72	1H	0.00	96	Bobbin	27		
24	10	34	DOS		0.48	2H	-0.26	136	Bobbin	27		
24	10	36	DOS		0.72	1H	0.06	57	Bobbin	27		
24	10	36	SAI		0.19	1H	-0.03	80	PP	51	OD	
24	10	36	SAI		0.40	1H	-0.19	116	PP	51	OD	
24	10	36	SAI		0.32	1H	-0.04	105	PP	51	OD	
24	10	37	DOS		0.21	1H	0.08	109	Bobbin	27		
24	10	38	DOS		0.40	2H	-0.10	100	Bobbin	26		
24	10	39	DOS		1.05	1H	0.00	92	Bobbin	27		
24	10	47	DOS		0.22	1H	0.06	59	Bobbin	20		
24	10	48	DOS		1.41	1H	-0.08	88	Bobbin	21		
24	10	49	DOS		1.46	1H	0.06	110	Bobbin	21		
24	10	49	DOS		0.52	2H	0.02	43	Bobbin	21		
24	10	51	DOS		0.37	2H	-0.08	122	Bobbin	14		
24	10	55	DOS		0.76	1H	0.00	99	Bobbin	16		
24	10	58	DOS		0.82	2H	-0.08	109	Bobbin	30		
24	10	59	DOS		0.69	4H	-0.12	78	Bobbin	31		
24	10	60	DOS		1.92	2H	0.18	88	Bobbin	30		

**Table 1**  
**Service Induced Indications Identified During 2R13**

SG	Row	Col	Ind	%TW	Volts	Loc	Inch	Deg	Probe	Cal	IDOD	Reason for Plugging
24	10	60	SAI		1.03	2H	0.25	89	PP	48	OD	
24	10	60	SAI		0.14	2H	-0.04	88	PP	48	OD	
24	10	60	SAI		1.36	2H	0.05	86	PP	48	OD	
24	10	64	DOS		1.38	2H	0.06	92	Bobbin	30		
24	10	69	DOS		0.40	2H	0.06	89	Bobbin	31		
24	10	74	DOS		1.70	2H	0.04	80	Bobbin	14		
24	10	74	SAI		0.24	2H	0.05	104	PP	48	OD	
24	10	74	SAI		0.13	2H	0.10	81	PP	48	OD	
24	10	74	SAI		0.51	2H	0.06	84	PP	48	OD	
24	10	74	SAI		0.26	2H	0.06	100	PP	48	OD	
24	10	74	SAI		0.28	2H	-0.07	109	PP	48	OD	
24	10	74	SAI		0.14	2H	0.05	107	PP	48	OD	
24	10	74	DOS		1.00	3H	-0.08	93	Bobbin	14		
24	10	74	DOS		0.26	4H	-0.06	101	Bobbin	14		
24	10	75	DOS		1.31	2H	-0.04	80	Bobbin	14		
24	10	77	DOS		0.48	3H	-0.12	68	Bobbin	13		
24	10	77	SAI		0.20	3H	-0.04	106	PP	42	OD	
24	10	77	SAI		0.11	3H	-0.02	107	PP	42	OD	
24	10	79	DOS		1.59	2H	-0.14	67	Bobbin	13		
24	10	83	DOS		0.33	2H	-0.04	58	Bobbin	14		
24	10	84	DOS		0.70	2H	-0.08	69	Bobbin	13		
24	10	84	SAI		0.24	2H	-0.08	119	PP	42	OD	
24	10	84	SAI		0.08	2H	-0.09	118	PP	42	OD	
24	10	87	DOS		0.65	3H	-0.09	73	Bobbin	14		
24	10	88	DOS		1.11	2H	-0.02	82	Bobbin	14		
24	10	92	TWD	17	1.08	2C	-0.06	143	Bobbin	14		
24	11	16	SCI		0.39	3H	-0.13	21	PP	19	ID	SCI-ID @ 3H
24	11	27	PVN		10.49	3C	27.48	15	Bobbin	26		
24	11	29	DOS		1.11	2H	-0.08	122	Bobbin	26		
24	11	37	DOS		1.17	1H	0.14	95	Bobbin	26		
24	11	37	SAI		0.23	1H	0.04	93	PP	51	OD	
24	11	37	SAI		0.67	1H	-0.05	101	PP	51	OD	
24	11	37	DIS		0.54	4H	0.04	40	Bobbin	26		
24	11	37	SAI		0.10	4H	-0.12	134	PP	51	OD	
24	11	37	SAI		0.27	4H	0.02	105	PP	51	OD	
24	11	39	DOS		0.34	1H	0.16	113	Bobbin	26		
24	11	43	DOS		1.21	1H	0.00	97	Bobbin	20		
24	11	44	DOS		0.24	2H	0.02	101	Bobbin	20		
24	11	45	DOS		0.90	4H	-0.16	40	Bobbin	20		
24	11	51	DOS		0.21	2H	0.00	105	Bobbin	13		
24	11	53	DOS		0.31	1H	-0.10	71	Bobbin	16		
24	11	56	DOS		0.51	2H	0.08	114	Bobbin	15		
24	11	57	DOS		0.48	2H	-0.04	81	Bobbin	15		
24	11	60	DOS		1.63	1H	0.12	90	Bobbin	30		
24	11	61	DOS		0.48	1H	0.00	54	Bobbin	31		
24	11	63	DOS		1.25	2H	-0.14	91	Bobbin	31		
24	11	66	DOS		1.03	1H	0.04	76	Bobbin	30		
24	11	66	DOS		0.62	2H	-0.04	110	Bobbin	30		
24	11	67	DOS		0.45	2H	0.02	68	Bobbin	30		

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Service Induced Indications Identified During 2R13**

SG	Row	Col	Ind	%TW	Volts	Loc	Inch	Deg	Probe	Cal	IDOD	Reason for Plugging
24	11	69	DOS		0.40	1H	0.04	89	Bobbin	30		
24	11	69	DOS		0.52	2H	0.14	89	Bobbin	30		
24	11	70	DOS		0.35	2H	-0.10	109	Bobbin	13		
24	11	70	DOS		1.09	3H	-0.08	91	Bobbin	13		
24	11	70	DOS		0.68	4H	-0.08	92	Bobbin	13		
24	11	71	DOS		0.43	2H	-0.04	62	Bobbin	13		
24	11	73	DOS		2.23	2H	-0.12	86	Bobbin	13		DOS>2V & SAI-OD @ 2H
24	11	73	SAI		0.85	2H	-0.14	86	PP	48	OD	DOS>2V & SAI-OD @ 2H
24	11	73	SAI		0.15	2H	-0.10	107	PP	48	OD	DOS>2V & SAI-OD @ 2H
24	11	73	SAI		0.80	2H	-0.11	91	PP	48	OD	DOS>2V & SAI-OD @ 2H
24	11	73	SAI		0.10	2H	-0.01	104	PP	48	OD	DOS>2V & SAI-OD @ 2H
24	11	73	DOS		1.03	3H	-0.02	112	Bobbin	13		DOS>2V & SAI-OD @ 2H
24	11	74	DOS		0.99	2H	-0.02	98	Bobbin	13		
24	11	75	DOS		1.19	2H	-0.02	114	Bobbin	13		
24	11	78	DOS		1.39	2H	-0.04	100	Bobbin	13		
24	11	78	SAI		0.87	2H	0.02	101	PP	48	OD	
24	11	78	SAI		0.72	2H	0.00	92	PP	48	OD	
24	11	78	SAI		0.07	2H	0.00	93	PP	48	OD	
24	11	78	DOS		1.19	4H	-0.10	98	Bobbin	13		
24	11	79	DOS		2.63	3H	-0.11	71	Bobbin	14		DOS>2V & SAI-OD @ 3H
24	11	79	SAI		2.13	3H	-0.13	55	PP	48	OD	DOS>2V & SAI-OD @ 3H
24	11	79	SAI		0.29	3H	0.08	106	PP	48	OD	DOS>2V & SAI-OD @ 3H
24	11	79	SAI		0.27	3H	-0.13	95	PP	48	OD	DOS>2V & SAI-OD @ 3H
24	11	81	DOS		0.41	3H	-0.06	92	Bobbin	13		
24	11	82	DOS		0.29	2H	-0.14	109	Bobbin	14		
24	11	87	DOS		0.68	2H	0.12	101	Bobbin	13		
24	11	88	DOS		0.58	2H	-0.04	96	Bobbin	13		
24	12	7	DOS		0.22	1H	0.00	98	Bobbin	19		
24	12	14	DOS		0.27	1H	0.04	52	Bobbin	19		
24	12	15	DOS		0.31	1H	0.08	39	Bobbin	19		
24	12	17	DIS		1.46	3H	0.27	30	Bobbin	19		
24	12	17	SAI		1.05	3H	0.21	15	PP	18	ID	
24	12	22	DOS		0.63	1H	-0.04	86	Bobbin	21		
24	12	23	DOS		1.11	1H	0.00	91	Bobbin	20		
24	12	23	DIS		0.98	3H	0.00	20	Bobbin	20		
24	12	27	DOS		0.50	1H	0.02	111	Bobbin	27		
24	12	37	DOS		0.99	1H	0.14	108	Bobbin	27		
24	12	37	DOS		0.19	4H	0.04	81	Bobbin	27		
24	12	39	DOS		1.02	1H	0.06	65	Bobbin	21		
24	12	41	DOS		0.93	1H	-0.10	89	Bobbin	21		
24	12	45	DOS		0.34	2H	-0.06	125	Bobbin	21		
24	12	49	DOS		0.83	3H	-0.06	106	Bobbin	21		
24	12	50	DOS		1.57	2H	0.00	93	Bobbin	14		
24	12	53	DOS		0.40	2H	-0.02	70	Bobbin	15		
24	12	58	DOS		0.15	2H	0.00	101	Bobbin	30		
24	12	59	DOS		0.87	1H	-0.02	108	Bobbin	31		
24	12	60	DOS		0.53	2H	0.25	88	Bobbin	31		
24	12	61	DOS		0.87	4H	-0.08	69	Bobbin	31		
24	12	65	DOS		0.30	1H	0.06	119	Bobbin	31		

**Table 1**  
**Service Induced Indications Identified During 2R13**

SG	Row	Col	Ind	%TW	Volts	Loc	Inch	Deg	Probe	Cal	IDOD	Reason for Plugging
24	12	65	DOS		0.94	2H	-0.08	80	Bobbin	31		
24	12	71	DOS		0.64	1H	0.00	104	Bobbin	14		
24	12	71	DOS		0.57	2H	0.02	96	Bobbin	14		
24	12	73	DOS		0.57	1H	0.00	109	Bobbin	14		
24	12	75	DOS		1.32	2H	0.00	88	Bobbin	14		
24	12	76	DOS		0.62	2H	-0.02	87	Bobbin	13		
24	12	76	DOS		0.57	4H	-0.04	103	Bobbin	13		
24	12	77	DOS		0.70	4H	-0.12	93	Bobbin	14		
24	12	79	DOS		1.81	2H	-0.18	98	Bobbin	13		
24	12	79	SAI		1.70	2H	-0.13	79	PP	48	OD	
24	12	79	SAI		0.17	2H	0.07	124	PP	48	OD	
24	12	81	DOS		0.54	2H	0.00	47	Bobbin	14		
24	12	81	SAI		0.33	2H	-0.04	92	PP	48	OD	
24	12	81	SAI		0.09	2H	-0.13	113	PP	48	OD	
24	12	83	DOS		1.32	3H	-0.16	89	Bobbin	14		
24	12	90	DOS		2.67	2H	-0.16	55	Bobbin	14		DOS>2V & SAI-OD @ 2H
24	12	90	SAI		0.43	2H	-0.05	94	PP	48	OD	DOS>2V & SAI-OD @ 2H
24	12	90	SAI		1.99	2H	-0.16	46	PP	48	OD	DOS>2V & SAI-OD @ 2H
24	12	91	TWD	5	0.29	2C	0.02	144	Bobbin	14		
24	13	4	SAI		0.38	TSH	-1.37	24	PP	18	ID	
24	13	5	DOS		0.63	1H	-0.10	99	Bobbin	18		
24	13	5	DOS		0.51	3H	-0.02	125	Bobbin	18		
24	13	7	DOS		0.72	1H	0.00	81	Bobbin	18		
24	13	13	DOS		0.23	1H	-0.12	105	Bobbin	18		
24	13	15	DOS		0.59	1H	0.08	114	Bobbin	18		
24	13	17	DOS		0.32	3H	-0.06	116	Bobbin	18		
24	13	26	DOS		0.18	2H	0.00	110	Bobbin	20		
24	13	33	DOS		0.39	1H	0.12	58	Bobbin	26		
24	13	40	DTS		3.55	TEH	19.76	36	Bobbin	20		
24	13	40	SAI		3.54	TSH	-1.79	35	PP	18	ID	
24	13	48	DOS		0.62	1H	-0.10	73	Bobbin	20		
24	13	48	DOS		0.53	2H	-0.04	82	Bobbin	20		
24	13	49	DOS		1.28	1H	-0.02	81	Bobbin	20		
24	13	49	DOS		0.51	2H	0.26	82	Bobbin	20		
24	13	51	DOS		0.45	1H	0.00	61	Bobbin	13		
24	13	51	DOS		1.25	2H	-0.14	89	Bobbin	13		
24	13	54	DOS		0.53	2H	-0.08	109	Bobbin	15		
24	13	56	DOS		0.96	2H	-0.14	107	Bobbin	15		
24	13	60	DOS		0.88	1H	0.12	95	Bobbin	30		
24	13	60	DOS		0.37	2H	0.02	78	Bobbin	30		
24	13	67	DOS		0.65	1H	0.06	113	Bobbin	30		
24	13	68	DOS		1.60	2H	0.00	83	Bobbin	30		
24	13	71	DOS		0.25	1H	-0.12	104	Bobbin	13		
24	13	71	DOS		0.88	2H	-0.08	100	Bobbin	13		
24	13	71	DOS		0.37	4H	-0.12	108	Bobbin	13		
24	13	72	DOS		0.19	2H	-0.06	86	Bobbin	13		
24	13	74	DOS		1.12	2H	0.00	102	Bobbin	13		
24	13	77	DOS		1.03	3H	-0.08	35	Bobbin	13		
24	13	77	DOS		0.50	4H	-0.12	75	Bobbin	13		

**Table 1**  
**Service Induced Indications Identified During 2R13**

SG	Row	Col	Ind	%TW	Volts	Loc	Inch	Deg	Probe	Cal	IDOD	Reason for Plugging
24	13	77	SAI		0.09	4H	-0.16	129	PP	42	OD	
24	13	77	SAI		0.20	4H	-0.15	117	PP	42	OD	
24	13	85	DOS		0.56	2H	-0.02	140	Bobbin	13		
24	13	88	DOS		3.32	2H	-0.04	66	Bobbin	13		DOS>2V & SAI-OD @ 2H
24	13	88	SAI		2.88	2H	-0.02	60	PP	48	OD	DOS>2V & SAI-OD @ 2H
24	13	92	TWD	6	0.36	2C	0.00	130	Bobbin	13		
24	14	5	DOS		0.62	1H	0.06	153	Bobbin	23		
24	14	7	DOS		0.52	1H	0.00	67	Bobbin	23		
24	14	7	DOS		1.02	2H	0.04	40	Bobbin	23		
24	14	7	SAI		0.15	2H	-0.11	105	PP	31	OD	
24	14	7	SAI		0.28	2H	-0.10	92	PP	31	OD	
24	14	11	DOS		0.71	2H	-0.12	93	Bobbin	23		
24	14	22	DOS		0.76	1H	-0.12	124	Bobbin	23		
24	14	22	DOS		1.18	2H	-0.12	57	Bobbin	23		
24	14	30	DOS		0.62	1H	0.06	91	Bobbin	25		
24	14	31	DOS		0.29	3H	0.00	107	Bobbin	24		
24	14	35	DOS		0.57	1H	0.08	121	Bobbin	25		
24	14	36	DOS		2.58	2H	0.00	78	Bobbin	25		DOS>2V & SAI-OD @ 2H
24	14	36	SAI		1.30	2H	-0.05	74	PP	51	OD	DOS>2V & SAI-OD @ 2H
24	14	36	SAI		1.00	2H	0.07	65	PP	51	OD	DOS>2V & SAI-OD @ 2H
24	14	42	DOS		0.24	1H	0.08	119	Bobbin	25		
24	14	43	DOS		0.33	3H	-0.08	116	Bobbin	24		
24	14	44	DOS		1.16	1H	-0.10	89	Bobbin	25		
24	14	48	DOS		0.99	2H	0.02	80	Bobbin	25		
24	14	52	DOS		0.40	1H	0.12	87	Bobbin	29		
24	14	53	DIS		0.63	3H	0.10	30	Bobbin	28		
24	14	53	SAI		0.34	3H	0.05	21	PP	18	ID	
24	14	57	DOS		0.87	1H	-0.10	100	Bobbin	29		
24	14	66	DOS		1.35	3H	0.00	88	Bobbin	29		
24	14	67	DOS		1.41	1H	0.00	95	Bobbin	29		
24	14	69	DOS		2.05	2H	-0.14	99	Bobbin	10		DOS>2V & SAI-OD @ 2H
24	14	69	SAI		0.75	2H	-0.03	94	PP	48	OD	DOS>2V & SAI-OD @ 2H
24	14	69	SAI		0.43	2H	-0.08	113	PP	48	OD	DOS>2V & SAI-OD @ 2H
24	14	72	DOS		0.86	2H	-0.10	68	Bobbin	10		
24	14	75	DOS		0.98	2H	-0.12	98	Bobbin	10		
24	14	76	DOS		0.99	2H	-0.08	80	Bobbin	10		
24	14	80	DOS		0.47	2H	-0.02	98	Bobbin	11		
24	14	85	DOS		0.63	2H	0.00	65	Bobbin	12		
24	14	85	SAI		0.23	2H	-0.06	107	PP	48	OD	
24	14	85	SAI		0.18	2H	-0.05	100	PP	48	OD	
24	14	85	SAI		0.26	2H	0.09	105	PP	48	OD	
24	14	85	SAI		0.17	2H	0.05	123	PP	48	OD	
24	14	85	DOS		0.23	3H	-0.10	117	Bobbin	12		
24	14	87	DOS		1.10	4H	0.02	47	Bobbin	12		
24	15	3	DOS		0.96	1H	-0.10	75	Bobbin	22		
24	15	5	DOS		0.21	2H	0.12	59	Bobbin	22		
24	15	8	DOS		0.50	3H	0.06	94	Bobbin	22		
24	15	10	SAI		0.40	TSH	-0.98	16	PP	18	ID	
24	15	23	DOS		1.50	1H	0.00	93	Bobbin	30		

**Table 1**  
**Service Induced Indications Identified During 2R13**

SG	Row	Col	Ind	%TW	Volts	Loc	Inch	Deg	Probe	Cal	IDOD	Reason for Plugging
24	15	24	DOS		0.84	2H	-0.16	96	Bobbin	22		
24	15	24	DOS		0.72	3H	-0.06	98	Bobbin	22		
24	15	28	DOS		0.28	1H	0.02	83	Bobbin	24		
24	15	31	DOS		1.27	2H	0.06	99	Bobbin	25		
24	15	43	DOS		0.47	1H	0.08	81	Bobbin	25		
24	15	44	DOS		1.28	3H	-0.12	97	Bobbin	24		
24	15	44	DOS		0.48	4H	0.24	62	Bobbin	24		
24	15	47	DOS		1.88	1H	0.00	89	Bobbin	24		
24	15	47	SAI		0.55	1H	-0.09	88	PP	49	OD	
24	15	47	SAI		1.21	1H	-0.03	71	PP	49	OD	
24	15	47	DOS		0.38	2H	0.02	116	Bobbin	24		
24	15	49	DOS		1.19	1H	0.04	82	Bobbin	24		
24	15	50	DOS		0.31	2H	0.02	83	Bobbin	28		
24	15	66	DIS		1.63	3H	-0.12	19	Bobbin	28		
24	15	69	DOS		0.20	2C	0.00	106	Bobbin	10		
24	15	72	DOS		0.94	2H	-0.04	96	Bobbin	9		
24	15	72	DOS		0.57	3H	0.00	56	Bobbin	9		
24	15	73	DOS		0.81	1H	0.14	125	Bobbin	9		
24	15	73	DOS		0.71	2H	-0.06	101	Bobbin	9		
24	15	74	DOS		1.36	2H	0.00	93	Bobbin	9		
24	15	75	DOS		0.68	2H	-0.08	51	Bobbin	9		
24	15	76	DOS		1.03	2H	-0.12	104	Bobbin	9		
24	15	76	DOS		0.66	4H	0.12	126	Bobbin	9		
24	15	78	DOS		0.88	1H	0.14	103	Bobbin	11		
24	15	78	DOS		0.69	2H	-0.18	60	Bobbin	11		
24	15	79	DOS		1.27	2H	-0.14	90	Bobbin	11		
24	15	79	DOS		1.00	3H	0.02	81	Bobbin	11		
24	15	81	DOS		0.25	2H	0.00	84	Bobbin	11		
24	15	83	DOS		0.22	2H	0.00	96	Bobbin	11		
24	15	87	DOS		1.08	2H	-0.06	99	Bobbin	11		
24	16	5	DIS		1.32	2H	-0.12	19	Bobbin	23		
24	16	10	DTS		2.14	TEH	19.46	53	Bobbin	23		
24	16	10	SAI		2.78	TSH	-2.31	27	PP	18	ID	
24	16	18	DOS		0.68	1H	0.08	62	Bobbin	23		
24	16	25	DOS		0.60	1H	0.06	113	Bobbin	22		
24	16	26	DOS		0.56	1H	-0.12	100	Bobbin	22		
24	16	33	DOS		0.47	2C	-0.06	43	Bobbin	24		
24	16	36	DIS		0.91	1H	0.10	21	Bobbin	25		
24	16	36	SAI		0.14	1H	-0.20	118	PP	29	OD	
24	16	36	SAI		0.24	1H	0.02	93	PP	29	OD	
24	16	37	DOS		1.01	1H	-0.14	114	Bobbin	24		
24	16	39	DOS		0.90	1H	0.04	103	Bobbin	24		
24	16	42	DOS		0.49	1H	-0.02	64	Bobbin	25		
24	16	42	SAI		0.49	1H	-0.08	97	PP	51	OD	
24	16	42	SAI		0.19	1H	-0.29	97	PP	51	OD	
24	16	42	DOS		0.84	4H	0.06	56	Bobbin	25		
24	16	43	DOS		1.07	1H	0.04	98	Bobbin	24		
24	16	48	DOS		0.58	1H	0.14	82	Bobbin	25		
24	16	48	DOS		0.90	3H	-0.02	69	Bobbin	25		

**Table 1**  
**Service Induced Indications Identified During 2R13**

SG	Row	Col	Ind	%TW	Volts	Loc	Inch	Deg	Probe	Cal	IDOD	Reason for Plugging
24	16	53	DOS		0.49	1H	0.14	112	Bobbin	28		
24	16	59	DOS		1.12	1H	0.18	79	Bobbin	29		
24	16	62	DOS		1.57	2H	-0.10	67	Bobbin	28		
24	16	66	DOS		0.48	1H	0.14	99	Bobbin	29		
24	16	66	DOS		0.83	2H	-0.02	79	Bobbin	29		
24	16	70	DOS		0.34	3H	-0.08	123	Bobbin	9		
24	16	71	DOS		0.56	1H	-0.16	96	Bobbin	9		
24	16	74	DOS		1.37	2H	-0.12	116	Bobbin	10		
24	16	76	DOS		0.31	4H	-0.06	112	Bobbin	10		
24	16	78	DOS		0.44	3H	-0.08	104	Bobbin	12		
24	16	80	DOS		0.47	2H	0.00	118	Bobbin	12		
24	16	81	DOS		0.33	4H	-0.12	140	Bobbin	12		
24	16	82	DOS		0.23	2H	-0.10	40	Bobbin	12		
24	16	84	DOS		0.44	1H	-0.06	79	Bobbin	11		DOS>2V & SAI-OD @ 2H
24	16	84	DOS		2.99	2H	0.06	58	Bobbin	11		DOS>2V & SAI-OD @ 2H
24	16	84	SAI		0.13	2H	-0.06	113	PP	48	OD	DOS>2V & SAI-OD @ 2H
24	16	84	SAI		0.33	2H	0.06	87	PP	48	OD	DOS>2V & SAI-OD @ 2H
24	16	84	SAI		1.91	2H	0.02	55	PP	48	OD	DOS>2V & SAI-OD @ 2H
24	16	84	DOS		0.40	3H	-0.10	93	Bobbin	11		DOS>2V & SAI-OD @ 2H
24	16	86	DOS		0.45	2H	0.06	124	Bobbin	11		
24	16	87	DOS		0.72	2H	0.00	98	Bobbin	12		
24	17	9	DOS		0.99	1H	-0.02	128	Bobbin	22		
24	17	13	DOS		0.91	1H	0.02	110	Bobbin	22		
24	17	26	DOS		0.69	1H	0.06	126	Bobbin	23		
24	17	35	DOS		1.14	1H	-0.02	65	Bobbin	24		
24	17	37	DOS		1.25	1H	0.00	94	Bobbin	24		
24	17	39	DOS		0.70	2H	-0.06	104	Bobbin	25		
24	17	41	DOS		0.50	1H	-0.14	115	Bobbin	24		
24	17	43	DOS		1.97	1H	-0.02	82	Bobbin	25		
24	17	43	SAI		0.46	1H	-0.19	94	PP	51	OD	
24	17	43	SAI		0.55	1H	-0.12	101	PP	51	OD	
24	17	43	SAI		0.47	1H	-0.07	102	PP	51	OD	
24	17	46	DOS		1.05	1H	0.04	68	Bobbin	24		
24	17	46	DOS		0.85	2H	0.08	95	Bobbin	24		
24	17	47	DOS		1.22	1H	0.00	106	Bobbin	24		
24	17	49	DOS		0.39	1H	0.02	79	Bobbin	24		
24	17	49	DOS		0.72	2H	0.06	86	Bobbin	24		
24	17	51	DOS		0.31	1H	0.10	106	Bobbin	28		
24	17	68	DOS		0.70	2H	0.20	75	Bobbin	9		
24	17	69	DOS		0.74	1H	0.08	86	Bobbin	28		
24	17	69	DOS		0.80	1H	0.00	70	Bobbin	9		
24	17	73	DOS		0.59	2H	-0.08	86	Bobbin	9		
24	17	73	SAI		0.23	2H	-0.11	103	PP	48	OD	
24	17	73	SAI		0.17	2H	-0.04	110	PP	48	OD	
24	17	73	SAI		0.24	2H	-0.13	99	PP	48	OD	
24	17	78	DOS		1.40	2H	-0.16	81	Bobbin	11		
24	17	80	DOS		1.33	2H	-0.18	48	Bobbin	11		
24	17	82	DOS		0.81	2H	-0.10	84	Bobbin	11		
24	17	90	DOS		0.33	1H	-0.02	145	Bobbin	11		

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**Service Induced Indications Identified During 2R13**

SG	Row	Col	Ind	%TW	Volts	Loc	Inch	Deg	Probe	Cal	IDOD	Reason for Plugging
24	17	91	DOS		0.30	6H	-0.06	144	Bobbin	11		
24	18	5	DOS		1.03	2H	0.00	94	Bobbin	23		
24	18	16	DOS		1.26	3H	-0.10	39	Bobbin	23		
24	18	16	DOS		0.29	4H	0.02	47	Bobbin	23		
24	18	25	DOS		1.95	1H	0.00	95	Bobbin	23		
24	18	25	SAI		1.34	1H	-0.04	84	PP	51	OD	
24	18	26	DOS		0.92	2H	-0.16	88	Bobbin	22		
24	18	27	DOS		0.90	1H	0.04	107	Bobbin	23		
24	18	28	DOS		0.48	1H	-0.04	87	Bobbin	25		
24	18	33	DOS		0.33	1H	0.06	141	Bobbin	25		
24	18	35	DOS		0.60	1H	0.02	145	Bobbin	25		
24	18	35	DOS		0.47	5H	0.04	152	Bobbin	25		
24	18	39	DOS		0.75	1H	0.06	106	Bobbin	24		
24	18	42	DOS		0.28	1H	0.10	116	Bobbin	25		
24	18	45	DOS		1.33	1H	0.08	105	Bobbin	24		
24	18	47	DOS		0.21	1H	0.06	102	Bobbin	25		
24	18	48	DOS		0.95	1H	0.04	96	Bobbin	25		
24	18	51	DOS		0.62	1H	0.06	103	Bobbin	29		
24	18	51	DOS		1.01	2H	0.00	103	Bobbin	29		
24	18	51	DOS		0.39	4H	0.02	81	Bobbin	29		
24	18	54	DOS		0.42	1H	-0.02	124	Bobbin	29		
24	18	54	DIS		0.55	3H	-0.22	48	Bobbin	29		
24	18	55	DOS		0.19	1H	0.06	73	Bobbin	29		
24	18	55	DOS		0.70	3H	-0.12	61	Bobbin	29		
24	18	55	SAI		0.19	3H	-0.14	114	PP	48	OD	
24	18	56	DOS		0.51	1H	0.04	60	Bobbin	29		
24	18	56	SAI		0.19	1H	0.05	113	PP	48	OD	
24	18	56	SAI		0.13	1H	-0.04	100	PP	48	OD	
24	18	56	SAI		0.08	1H	0.05	88	PP	48	OD	
24	18	61	DOS		0.60	3H	-0.14	98	Bobbin	7		
24	18	63	DOS		0.56	1H	-0.06	109	Bobbin	7		
24	18	64	DOS		0.71	2H	-0.04	92	Bobbin	9		
24	18	64	DOS		0.92	3H	-0.02	102	Bobbin	9		
24	18	67	DOS		1.46	1H	0.08	84	Bobbin	28		
24	18	67	DOS		0.57	2H	0.20	129	Bobbin	28		
24	18	70	DOS		2.06	2H	-0.02	81	Bobbin	28		DOS>2V & SAI-OD @ 2H
24	18	70	SAI		2.09	2H	-0.07	75	PP	48	OD	DOS>2V & SAI-OD @ 2H
24	18	70	DOS		0.52	4H	-0.12	102	Bobbin	9		DOS>2V & SAI-OD @ 2H
24	18	70	DOS		0.45	4H	-0.06	102	Bobbin	28		DOS>2V & SAI-OD @ 2H
24	18	71	DOS		2.91	2H	-0.14	84	Bobbin	10		DOS>2V & SAI-OD @ 2H
24	18	71	SAI		0.40	2H	-0.03	100	PP	48	OD	DOS>2V & SAI-OD @ 2H
24	18	71	SAI		2.10	2H	-0.12	62	PP	48	OD	DOS>2V & SAI-OD @ 2H
24	18	79	DOS		1.09	2H	-0.02	91	Bobbin	11		
24	18	81	DOS		0.70	1H	0.00	88	Bobbin	12		
24	18	82	DOS		0.43	1H	-0.10	86	Bobbin	12		
24	18	83	DOS		0.26	2H	0.00	104	Bobbin	11		
24	19	17	DOS		1.37	1H	0.08	83	Bobbin	22		
24	19	20	DOS		0.74	2H	0.02	72	Bobbin	23		
24	19	28	DOS		0.95	1H	-0.08	100	Bobbin	24		



**Table 1**  
**Service Induced Indications Identified During 2R13**

SG	Row	Col	Ind	%TW	Volts	Loc	Inch	Deg	Probe	Cal	IDOD	Reason for Plugging
24	19	29	DOS		1.61	1H	-0.02	102	Bobbin	24		
24	19	29	DOS		0.94	2H	-0.06	106	Bobbin	24		
24	19	29	TWD	16	0.27	7H	26.28	0	Bobbin	24		
24	19	29	TWD	11	0.17	7H	62.55	0	Bobbin	24		
24	19	29	TWD	20	0.40	7H	37.57	0	Bobbin	24		
24	19	30	DOS		0.86	1H	-0.08	101	Bobbin	24		
24	19	30	DOS		0.43	2H	0.02	120	Bobbin	24		
24	19	35	DOS		1.00	2H	-0.06	103	Bobbin	24		
24	19	37	DOS		0.41	2H	0.00	98	Bobbin	24		
24	19	37	DOS		0.72	3H	-0.06	101	Bobbin	24		
24	19	39	DOS		0.35	1H	0.04	77	Bobbin	25		
24	19	40	DOS		1.54	1H	-0.04	83	Bobbin	24		
24	19	41	DOS		0.31	1H	0.08	97	Bobbin	25		
24	19	41	DOS		1.41	2H	0.12	85	Bobbin	25		
24	19	44	DOS		0.22	1H	0.10	124	Bobbin	24		
24	19	50	DOS		0.34	1H	0.02	120	Bobbin	29		
24	19	51	DOS		0.68	1H	0.06	88	Bobbin	28		
24	19	52	DOS		0.84	1H	-0.08	97	Bobbin	28		
24	19	61	DOS		0.28	2H	0.08	102	Bobbin	8		
24	19	73	TWD	20	0.39	7H	60.58	0	Bobbin	10		
24	19	74	DOS		0.86	2H	-0.10	91	Bobbin	9		
24	19	77	DOS		1.78	2H	0.08	94	Bobbin	28		
24	19	77	SAI		0.79	2H	0.01	85	PP	48	OD	
24	19	77	SAI		0.98	2H	0.07	91	PP	48	OD	
24	19	78	DOS		0.79	2H	-0.10	59	Bobbin	11		
24	19	78	SAI		0.16	2H	-0.01	112	PP	48	OD	
24	19	78	SAI		0.11	2H	-0.06	105	PP	48	OD	
24	19	78	SAI		0.25	2H	-0.05	90	PP	48	OD	
24	19	79	DOS		2.05	2H	0.04	67	Bobbin	28		DOS>2V & SAI-OD @ 2H
24	19	79	SAI		1.97	2H	-0.04	58	PP	48	OD	DOS>2V & SAI-OD @ 2H
24	19	79	DOS		0.35	3H	0.04	60	Bobbin	28		DOS>2V & SAI-OD @ 2H
24	19	79	DOS		0.45	3H	-0.06	43	Bobbin	12		DOS>2V & SAI-OD @ 2H
24	19	79	SAI		0.18	3H	0.01	85	PP	48	OD	DOS>2V & SAI-OD @ 2H
24	19	80	DOS		0.50	4H	0.00	46	Bobbin	12		
24	19	81	DOS		1.05	2H	0.06	80	Bobbin	11		
24	19	82	DOS		0.67	1H	0.00	100	Bobbin	11		
24	19	82	DOS		0.86	2H	0.00	48	Bobbin	11		
24	19	82	SAI		0.13	2H	-0.03	104	PP	41	OD	
24	19	82	SAI		0.18	2H	-0.04	100	PP	41	OD	
24	19	85	PVN		10.93	3H	27.10	13	Bobbin	11		
24	19	86	DOS		0.66	2H	-0.10	84	Bobbin	12		
24	19	86	DOS		0.23	3H	-0.12	81	Bobbin	12		
24	19	88	DOS		1.31	1H	-0.04	85	Bobbin	11		
24	19	88	SAI		1.15	1H	-0.06	82	PP	48	OD	
24	20	7	DOS		1.05	2H	0.12	70	Bobbin	23		
24	20	9	PVN		11.41	3C	12.46	12	Bobbin	23		
24	20	10	DOS		1.07	2H	0.08	70	Bobbin	23		
24	20	13	DOS		0.35	1H	-0.10	97	Bobbin	23		
24	20	16	DOS		0.23	1H	0.00	56	Bobbin	22		

**Table 1**  
**Service Induced Indications Identified During 2R13**

SG	Row	Col	Ind	%TW	Volts	Loc	Inch	Deg	Probe	Cal	IDOD	Reason for Plugging
24	20	16	DOS		0.36	2H	-0.02	93	Bobbin	22		
24	20	21	DOS		0.57	1H	0.02	57	Bobbin	22		
24	20	23	DOS		0.33	3H	0.10	131	Bobbin	22		
24	20	30	DOS		0.21	1H	0.02	55	Bobbin	25		
24	20	31	DOS		0.97	1H	0.00	69	Bobbin	25		
24	20	34	DOS		0.40	1H	-0.04	72	Bobbin	25		
24	20	37	DOS		0.35	1H	-0.06	100	Bobbin	25		
24	20	38	DOS		0.56	1H	0.00	137	Bobbin	25		
24	20	39	DOS		0.51	2H	-0.04	121	Bobbin	24		
24	20	39	DOS		0.42	3H	-0.04	143	Bobbin	24		
24	20	40	DOS		0.28	2H	0.00	61	Bobbin	24		
24	20	41	DOS		0.96	1H	0.02	79	Bobbin	24		
24	20	42	DOS		0.88	1H	0.06	93	Bobbin	25		
24	20	43	DOS		2.35	2H	0.14	67	Bobbin	24		DOS>2V & SAI-OD @ 2H
24	20	43	SAI		2.22	2H	0.09	56	PP	51	OD	DOS>2V & SAI-OD @ 2H
24	20	43	DOS		0.30	3H	-0.02	117	Bobbin	24		DOS>2V & SAI-OD @ 2H
24	20	44	DOS		1.19	1H	0.02	95	Bobbin	25		
24	20	45	DOS		0.34	1H	-0.04	114	Bobbin	25		
24	20	47	DTS		2.80	TEH	19.69	40	Bobbin	25		
24	20	47	SAI		2.67	TSH	-1.74	28	PP	18	ID	
24	20	63	DOS		0.81	1H	-0.20	98	Bobbin	7		
24	20	63	DOS		0.80	2H	-0.10	109	Bobbin	7		
24	20	71	DOS		0.80	1H	0.04	115	Bobbin	10		
24	20	71	DOS		0.60	2H	-0.18	69	Bobbin	10		
24	20	72	DOS		0.71	1H	0.00	101	Bobbin	9		
24	20	72	DOS		0.33	3H	-0.04	139	Bobbin	9		
24	20	74	DOS		0.38	1H	-0.16	122	Bobbin	9		
24	20	74	DOS		1.19	2H	0.00	72	Bobbin	9		
24	20	75	DOS		0.65	2H	0.02	63	Bobbin	9		
24	20	75	SAI		0.36	2H	0.00	99	PP	48	OD	
24	20	75	SAI		0.33	2H	-0.08	100	PP	48	OD	
24	20	75	DOS		0.31	3H	-0.06	63	Bobbin	9		
24	20	76	DOS		0.62	2H	-0.10	99	Bobbin	9		
24	20	77	DOS		0.58	2H	-0.12	135	Bobbin	9		
24	20	78	DOS		1.39	2H	-0.08	77	Bobbin	10		
24	20	78	DOS		0.34	4H	-0.04	50	Bobbin	10		
24	20	78	SAI		0.11	4H	-0.15	124	PP	43	OD	
24	20	78	SAI		0.21	4H	0.02	108	PP	43	OD	
24	20	79	DOS		0.50	3H	-0.10	100	Bobbin	11		
24	20	80	DOS		1.02	2H	0.02	96	Bobbin	11		
24	20	81	DOS		0.46	2H	0.02	66	Bobbin	12		
24	20	81	SAI		0.13	2H	-0.09	127	PP	48	OD	
24	20	81	SAI		0.15	2H	0.11	107	PP	48	OD	
24	20	81	SAI		0.11	2H	0.01	106	PP	48	OD	
24	20	82	DOS		0.94	1H	0.00	93	Bobbin	12		
24	20	82	DOS		0.51	2H	-0.06	71	Bobbin	12		
24	20	82	SAI		0.11	2H	-0.07	107	PP	48	OD	
24	20	82	SAI		0.24	2H	0.04	99	PP	48	OD	
24	20	82	DOS		0.39	3H	-0.04	123	Bobbin	12		

**Table 1**  
**Service Induced Indications Identified During 2R13**

SG	Row	Col	Ind	%TW	Volts	Loc	Inch	Deg	Probe	Cal	IDOD	Reason for Plugging
24	20	83	DOS		0.87	1H	-0.10	45	Bobbin	11		
24	20	83	SAI		0.35	1H	-0.05	95	PP	48	OD	
24	20	84	DOS		0.63	1H	-0.04	111	Bobbin	11		
24	20	84	DOS		0.52	2H	-0.02	71	Bobbin	11		
24	20	84	SAI		0.25	2H	-0.06	97	PP	48	OD	
24	20	84	SAI		0.18	2H	0.01	126	PP	48	OD	
24	20	85	DOS		0.84	1H	0.04	127	Bobbin	12		
24	20	85	DOS		0.82	2H	-0.08	110	Bobbin	12		
24	20	85	DOS		0.43	3H	-0.16	91	Bobbin	12		
24	20	89	TWD	7	0.40	1C	-0.10	140	Bobbin	12		
24	21	6	DOS		0.62	2H	0.04	126	Bobbin	22		
24	21	27	DOS		1.42	1H	0.12	96	Bobbin	22		
24	21	27	DOS		0.39	2H	0.06	83	Bobbin	22		
24	21	34	DOS		0.47	1H	0.08	100	Bobbin	24		
24	21	34	DOS		0.29	3H	0.08	97	Bobbin	24		
24	21	37	DOS		0.28	1H	0.02	80	Bobbin	24		
24	21	40	DOS		1.04	1H	0.06	119	Bobbin	25		
24	21	41	DOS		0.50	1H	0.08	78	Bobbin	25		
24	21	42	DOS		2.18	1H	0.06	81	Bobbin	24		DOS>2V & SAI-OD @ 1H
24	21	42	SAI		0.34	1H	0.05	109	PP	51	OD	DOS>2V & SAI-OD @ 1H
24	21	42	SAI		1.38	1H	0.02	86	PP	51	OD	DOS>2V & SAI-OD @ 1H
24	21	42	SAI		0.49	1H	0.10	103	PP	51	OD	DOS>2V & SAI-OD @ 1H
24	21	42	SAI		0.15	1H	-0.12	102	PP	51	OD	DOS>2V & SAI-OD @ 1H
24	21	42	DOS		0.64	2H	-0.12	113	Bobbin	24		DOS>2V & SAI-OD @ 1H
24	21	43	DOS		1.15	2H	-0.10	63	Bobbin	25		
24	21	45	DOS		0.79	1H	0.10	93	Bobbin	24		
24	21	45	SAI		0.65	1H	0.07	88	PP	51	OD	
24	21	45	DOS		0.61	2H	0.00	89	Bobbin	24		
24	21	46	DOS		0.71	1H	0.06	72	Bobbin	25		
24	21	53	DOS		1.01	2H	0.02	101	Bobbin	29		
24	21	54	DOS		1.07	1H	0.00	85	Bobbin	28		
24	21	59	DOS		0.96	1H	-0.18	110	Bobbin	28		
24	21	59	DIS		3.47	3H	-0.18	14	Bobbin	28		
24	21	64	DOS		0.64	2H	-0.04	95	Bobbin	9		
24	21	72	DOS		0.83	2H	-0.08	74	Bobbin	10		
24	21	75	DOS		0.40	1H	0.00	96	Bobbin	10		
24	21	75	DOS		0.51	2H	-0.04	90	Bobbin	10		
24	21	79	DOS		0.22	1H	0.00	93	Bobbin	12		DOS>2V & SAI-OD @ 2H
24	21	79	DOS		0.31	1H	0.08	88	Bobbin	28		DOS>2V & SAI-OD @ 2H
24	21	79	DOS		2.05	2H	0.06	86	Bobbin	28		DOS>2V & SAI-OD @ 2H
24	21	79	SAI		0.20	2H	0.02	114	PP	48	OD	DOS>2V & SAI-OD @ 2H
24	21	79	SAI		1.94	2H	0.01	79	PP	48	OD	DOS>2V & SAI-OD @ 2H
24	21	79	SAI		0.12	2H	-0.11	102	PP	48	OD	DOS>2V & SAI-OD @ 2H
24	21	79	DOS		0.61	4H	-0.06	92	Bobbin	12		DOS>2V & SAI-OD @ 2H
24	21	79	DOS		0.81	4H	0.00	80	Bobbin	28		DOS>2V & SAI-OD @ 2H
24	21	82	DOS		0.39	1H	-0.08	92	Bobbin	11		
24	21	82	SAI		0.25	1H	0.00	122	PP	48	OD	
24	21	83	DOS		0.50	1H	-0.04	106	Bobbin	12		
24	21	83	SAI		0.54	1H	-0.03	102	PP	48	OD	

**Table 1**  
**Service Induced Indications Identified During 2R13**

SG	Row	Col	Ind	%TW	Volts	Loc	Inch	Deg	Probe	Cal	IDOD	Reason for Plugging
24	21	85	DOS		1.43	1H	0.00	103	Bobbin	11		
24	21	85	DOS		1.41	2H	-0.04	96	Bobbin	11		
24	21	85	DOS		0.27	3H	-0.02	77	Bobbin	11		
24	21	85	DIS		0.49	5H	0.20	31	Bobbin	11		
24	21	86	DOS		0.81	1H	0.04	111	Bobbin	12		
24	22	7	DOS		1.04	2H	0.06	111	Bobbin	23		
24	22	7	SAI		0.63	2H	-0.09	97	PP	51	OD	
24	22	8	DOS		0.26	1H	0.08	116	Bobbin	23		
24	22	13	DOS		1.01	1H	-0.08	90	Bobbin	23		
24	22	16	DIS		0.49	1H	0.10	30	Bobbin	22		
24	22	16	SAI		0.29	1H	0.06	103	PP	19	OD	
24	22	16	DOS		0.64	3H	-0.04	67	Bobbin	22		
24	22	17	PVN		11.04	3C	28.23	14	Bobbin	23		
24	22	20	DOS		0.25	1H	0.12	108	Bobbin	22		
24	22	21	DIS		2.05	3H	-0.12	26	Bobbin	22		SAI-ID/OD @ 3H
24	22	21	SAI		0.11	3H	-0.14	132	PP	51	OD	SAI-ID/OD @ 3H
24	22	21	SAI		0.84	3H	-0.13	20	PP	51	ID	SAI-ID/OD @ 3H
24	22	22	DIS		1.16	3H	0.04	13	Bobbin	23		
24	22	22	SAI		0.15	3H	0.00	92	PP	19	OD	
24	22	26	DOS		0.62	1H	0.02	122	Bobbin	23		
24	22	29	DOS		0.62	2H	-0.10	119	Bobbin	24		
24	22	30	TWD	14	0.22	7H	74.54	0	Bobbin	25		
24	22	30	TWD	13	0.20	7H	26.24	0	Bobbin	25		
24	22	30	TWD	14	0.22	7H	42.08	0	Bobbin	25		
24	22	30	TWD	25	0.57	7H	42.68	0	Bobbin	25		
24	22	30	TWD	30	0.89	7H	59.67	0	Bobbin	25		
24	22	33	DOS		0.46	1H	0.04	57	Bobbin	25		
24	22	33	SAI		0.30	1H	-0.17	115	PP	51	OD	
24	22	33	SAI		0.21	1H	-0.06	107	PP	51	OD	
24	22	33	SAI		0.31	1H	0.03	109	PP	51	OD	
24	22	33	DOS		0.38	2H	0.02	48	Bobbin	25		
24	22	36	DOS		0.42	2H	-0.02	115	Bobbin	25		
24	22	36	DOS		0.36	3H	0.04	143	Bobbin	25		
24	22	37	DOS		0.63	4H	0.00	97	Bobbin	25		
24	22	39	DOS		0.69	1H	-0.08	90	Bobbin	24		
24	22	40	DOS		0.48	1H	-0.08	129	Bobbin	24		
24	22	40	DOS		0.60	3H	-0.02	92	Bobbin	24		
24	22	41	DOS		0.36	2H	0.08	72	Bobbin	24		
24	22	41	DOS		0.70	4H	0.02	73	Bobbin	24		
24	22	43	DOS		0.24	1H	0.14	133	Bobbin	24		
24	22	44	DOS		0.46	1H	-0.04	105	Bobbin	25		
24	22	44	DOS		0.57	2H	0.00	136	Bobbin	25		
24	22	45	DOS		1.04	1H	0.12	80	Bobbin	25		
24	22	45	DOS		0.24	2H	0.02	89	Bobbin	25		
24	22	46	DOS		1.54	1H	0.02	92	Bobbin	24		
24	22	46	DOS		1.52	2H	0.02	104	Bobbin	24		
24	22	46	DOS		0.74	3H	0.10	130	Bobbin	24		
24	22	47	DOS		1.50	1H	0.02	69	Bobbin	25		
24	22	47	DOS		1.61	2H	0.12	63	Bobbin	25		

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**Service Induced Indications Identified During 2R13**

SG	Row	Col	Ind	%TW	Volts	Loc	Inch	Deg	Probe	Cal	IDOD	Reason for Plugging
24	22	47	SAI		0.15	2H	-0.12	93	PP	51	OD	
24	22	47	SAI		0.19	2H	-0.04	117	PP	51	OD	
24	22	47	SAI		0.22	2H	0.09	112	PP	51	OD	
24	22	47	SAI		0.42	2H	0.02	98	PP	51	OD	
24	22	47	SAI		0.38	2H	0.03	104	PP	51	OD	
24	22	48	DOS		0.51	1H	0.02	101	Bobbin	25		
24	22	48	DOS		1.07	2H	-0.04	58	Bobbin	25		
24	22	51	DOS		0.98	2H	-0.10	87	Bobbin	28		
24	22	62	DOS		0.70	2H	-0.11	105	Bobbin	8		
24	22	64	DOS		0.85	2H	-0.16	94	Bobbin	9		
24	22	65	DOS		1.10	2H	-0.12	73	Bobbin	10		
24	22	66	DOS		0.19	3H	-0.10	97	Bobbin	9		
24	22	74	DOS		1.25	2H	-0.10	82	Bobbin	9		
24	22	74	SAI		0.45	2H	-0.08	99	PP	48	OD	
24	22	74	SAI		0.37	2H	-0.08	112	PP	48	OD	
24	22	75	DOS		0.44	2H	-0.10	94	Bobbin	9		
24	22	77	DOS		0.24	1H	0.00	69	Bobbin	10		
24	22	78	DOS		1.13	2H	-0.10	61	Bobbin	10		
24	22	79	DOS		0.90	2H	-0.04	95	Bobbin	11		
24	22	81	DOS		0.23	1H	-0.10	122	Bobbin	12		
24	22	84	DOS		0.21	1H	0.00	100	Bobbin	12		
24	22	88	DOS		0.65	1H	-0.16	127	Bobbin	12		
24	23	12	DOS		1.20	1H	-0.02	93	Bobbin	22		
24	23	12	DOS		1.20	2H	-0.10	96	Bobbin	22		
24	23	13	DOS		0.29	2H	0.12	81	Bobbin	22		
24	23	17	DOS		1.38	2H	-0.10	115	Bobbin	22		
24	23	21	DOS		1.18	1H	-0.12	114	Bobbin	23		
24	23	27	DOS		0.77	1H	0.06	79	Bobbin	22		
24	23	31	DOS		0.37	1H	0.06	93	Bobbin	24		
24	23	31	DOS		0.53	2H	-0.04	96	Bobbin	24		
24	23	31	SAI		0.16	2H	-0.08	105	PP	51	OD	
24	23	31	SAI		0.13	2H	-0.13	122	PP	51	OD	
24	23	31	SAI		0.63	2H	-0.10	111	PP	51	OD	
24	23	32	DOS		0.79	1H	-0.08	104	Bobbin	24		
24	23	32	DOS		0.83	2H	-0.20	89	Bobbin	24		
24	23	38	DOS		0.82	1H	-0.02	96	Bobbin	24		
24	23	40	DOS		0.52	1H	0.06	130	Bobbin	25		
24	23	40	DOS		1.91	3H	-0.04	71	Bobbin	25		
24	23	40	SAI		1.34	3H	-0.03	77	PP	51	OD	
24	23	40	SAI		0.78	3H	-0.18	90	PP	51	OD	
24	23	41	DOS		0.62	3H	0.00	59	Bobbin	25		
24	23	44	DOS		0.49	1H	0.04	112	Bobbin	24		
24	23	47	DOS		0.30	1H	0.04	84	Bobbin	24		
24	23	47	DOS		0.95	2H	0.08	95	Bobbin	24		
24	23	48	DOS		0.62	1H	0.06	101	Bobbin	24		
24	23	52	DOS		0.83	2H	-0.14	77	Bobbin	28		SAI-ID/OD @ 2H
24	23	52	SAI		0.29	2H	-0.05	116	PP	48	OD	SAI-ID/OD @ 2H
24	23	52	SAI		0.52	2H	-0.05	13	PP	48	ID	SAI-ID/OD @ 2H
24	23	52	TWD	12	0.20	7H	76.61	0	Bobbin	28		SAI-ID/OD @ 2H

**Table 1**  
**Service Induced Indications Identified During 2R13**

SG	Row	Col	Ind	%TW	Volts	Loc	Inch	Deg	Probe	Cal	IDOD	Reason for Plugging
24	23	53	DOS		0.65	1H	0.00	95	Bobbin	29		
24	23	54	DOS		0.27	2H	0.00	96	Bobbin	28		
24	23	54	DOS		0.29	3H	0.12	66	Bobbin	28		
24	23	58	DOS		1.42	2H	-0.06	89	Bobbin	8		
24	23	59	DOS		1.03	1H	-0.10	97	Bobbin	8		
24	23	61	TWD	16	0.31	7H	60.44	0	Bobbin	8		
24	23	61	TWD	18	0.37	7H	43.00	0	Bobbin	8		
24	23	63	DOS		0.46	1H	0.00	92	Bobbin	8		
24	23	63	DOS		0.64	2H	-0.10	87	Bobbin	8		
24	23	63	DOS		0.46	3H	-0.08	52	Bobbin	8		
24	23	63	SAI		0.19	3H	-0.12	136	PP	48	OD	
24	23	63	SAI		0.10	3H	-0.01	116	PP	48	OD	
24	23	63	SAI		0.09	3H	0.05	54	PP	48	OD	
24	23	63	DOS		0.14	5H	-0.06	69	Bobbin	8		
24	23	63	TWD	26	0.69	7H	60.51	0	Bobbin	8		
24	23	64	DOS		1.81	2H	-0.10	71	Bobbin	10		
24	23	64	SAI		0.41	2H	-0.08	105	PP	48	OD	
24	23	64	SAI		0.15	2H	-0.05	100	PP	48	OD	
24	23	64	SAI		1.44	2H	-0.05	75	PP	48	OD	
24	23	64	SAI		0.21	2H	0.16	105	PP	48	OD	
24	23	66	DOS		0.65	1H	0.02	81	Bobbin	10		
24	23	68	DOS		0.33	1H	-0.06	75	Bobbin	9		
24	23	69	DOS		0.33	2H	-0.06	104	Bobbin	9		
24	23	70	DOS		0.57	3H	-0.16	56	Bobbin	10		
24	23	70	TWD	14	0.24	7H	75.01	0	Bobbin	10		
24	23	70	TWD	14	0.23	7H	43.57	0	Bobbin	10		
24	23	71	DOS		0.38	1H	-0.08	123	Bobbin	9		
24	23	71	DOS		0.37	2H	-0.06	65	Bobbin	9		
24	23	71	DOS		0.72	3H	-0.16	84	Bobbin	9		
24	23	73	DOS		0.98	3H	-0.12	106	Bobbin	10		
24	23	74	DOS		0.34	2H	0.00	48	Bobbin	10		
24	23	75	DOS		0.37	2H	-0.06	87	Bobbin	10		
24	23	78	DOS		0.81	2H	-0.16	106	Bobbin	9		
24	23	79	DOS		0.44	2H	-0.06	114	Bobbin	12		
24	23	79	DOS		0.57	3H	-0.02	84	Bobbin	12		
24	23	82	DOS		0.25	1H	-0.06	86	Bobbin	11		
24	23	83	DOS		0.53	1H	-0.14	88	Bobbin	12		
24	24	8	DOS		0.87	2H	0.08	61	Bobbin	23		
24	24	8	DOS		0.37	3H	0.08	102	Bobbin	23		
24	24	10	DIS		1.06	1H	0.04	30	Bobbin	23		
24	24	10	SAI		0.21	1H	-0.09	99	PP	30	OD	
24	24	10	DOS		0.57	2H	0.02	69	Bobbin	23		
24	24	10	SAI		0.39	2H	-0.07	105	PP	51	OD	
24	24	12	DOS		1.74	1H	-0.02	98	Bobbin	23		
24	24	12	SAI		1.19	1H	-0.07	87	PP	51	OD	
24	24	12	SAI		0.16	1H	-0.09	144	PP	51	OD	
24	24	12	SAI		0.15	1H	-0.11	98	PP	51	OD	
24	24	17	DOS		0.42	2H	0.06	107	Bobbin	23		
24	24	19	DOS		0.88	2H	0.00	80	Bobbin	22		

**Table 1**  
**Service Induced Indications Identified During 2R13**

SG	Row	Col	Ind	%TW	Volts	Loc	Inch	Deg	Probe	Cal	IDOD	Reason for Plugging
24	24	23	DOS		1.38	1H	-0.02	67	Bobbin	23		
24	24	25	DOS		0.84	2H	0.00	77	Bobbin	23		
24	24	26	DOS		0.29	1H	0.06	84	Bobbin	23		
24	24	26	SAI		3.39	TSH	-1.94	37	PP	18	ID	
24	24	26	SAI		0.75	TSH	-1.56	24	PP	18	ID	
24	24	29	DOS		0.20	2H	0.10	109	Bobbin	24		
24	24	29	TWD	10	0.16	7H	79.82	0	Bobbin	24		
24	24	29	TWD	21	0.41	7H	28.94	0	Bobbin	24		
24	24	29	TWD	10	0.15	7H	63.75	0	Bobbin	24		
24	24	32	DOS		0.38	1H	0.14	120	Bobbin	25		
24	24	34	DOS		0.50	1H	0.00	106	Bobbin	24		
24	24	39	DOS		1.02	2H	-0.10	104	Bobbin	24		
24	24	40	DOS		0.20	2H	0.02	111	Bobbin	24		
24	24	40	DOS		0.63	3H	0.02	68	Bobbin	24		
24	24	43	DOS		0.89	2H	0.14	99	Bobbin	24		
24	24	43	DOS		0.40	3H	0.00	122	Bobbin	24		
24	24	45	DOS		0.49	3H	-0.02	124	Bobbin	25		
24	24	47	DOS		0.39	1H	0.04	106	Bobbin	25		
24	24	48	DOS		0.67	3H	0.00	120	Bobbin	25		
24	24	53	DOS		0.19	1H	0.14	110	Bobbin	28		
24	24	55	DOS		0.28	1H	0.02	109	Bobbin	28		
24	24	57	DOS		1.26	2H	-0.04	100	Bobbin	7		
24	24	58	DOS		0.41	1H	0.02	103	Bobbin	7		
24	24	59	DOS		0.54	1H	-0.10	68	Bobbin	7		
24	24	60	DOS		0.79	2H	0.08	76	Bobbin	8		
24	24	60	SAI		0.58	2H	0.18	98	PP	48	OD	
24	24	60	SAI		0.17	2H	0.09	92	PP	48	OD	
24	24	65	TWD	25	0.59	7H	63.07	0	Bobbin	10		
24	24	65	TWD	14	0.23	7H	45.50	0	Bobbin	10		
24	24	65	TWD	20	0.40	7H	26.09	0	Bobbin	10		
24	24	66	DOS		1.38	2H	-0.08	66	Bobbin	9		
24	24	69	DOS		0.49	3H	0.00	95	Bobbin	10		
24	24	69	SAI		0.35	3H	-0.01	89	PP	48	OD	
24	24	71	DOS		0.61	2H	0.02	60	Bobbin	10		
24	24	72	DOS		0.26	2H	0.00	96	Bobbin	9		
24	24	75	DOS		1.92	2H	0.08	88	Bobbin	28		
24	24	75	SAI		1.52	2H	0.03	76	PP	48	OD	
24	24	76	DOS		0.88	2H	-0.08	97	Bobbin	10		
24	24	76	DOS		0.38	3H	-0.06	69	Bobbin	10		
24	24	78	DOS		0.66	2H	-0.14	61	Bobbin	10		
24	24	78	DOS		1.34	3H	-0.02	87	Bobbin	10		
24	24	80	DOS		0.73	1H	-0.10	98	Bobbin	11		
24	24	80	DOS		1.50	2H	-0.08	69	Bobbin	11		
24	24	80	DOS		0.44	3H	-0.06	87	Bobbin	11		
24	24	82	DOS		0.80	2H	-0.08	82	Bobbin	12		
24	24	83	DOS		0.77	1H	0.04	122	Bobbin	11		
24	24	87	TWD	7	0.42	1C	-0.12	130	Bobbin	12		
24	24	87	TWD	7	0.40	2C	-0.14	151	Bobbin	12		
24	25	8	DOS		0.31	3H	0.02	89	Bobbin	22		

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**Service Induced Indications Identified During 2R13**

SG	Row	Col	Ind	%TW	Volts	Loc	Inch	Deg	Probe	Cal	IDOD	Reason for Plugging
24	25	13	DOS		1.31	2H	-0.02	71	Bobbin	22		
24	25	13	DOS		0.31	4H	-0.04	55	Bobbin	22		
24	25	14	DOS		1.06	1H	0.04	59	Bobbin	22		
24	25	14	DOS		0.70	2H	0.00	96	Bobbin	22		
24	25	14	SAI		0.44	2H	-0.06	106	PP	51	OD	
24	25	14	SAI		0.14	2H	-0.05	120	PP	51	OD	
24	25	20	DOS		0.97	1H	-0.06	83	Bobbin	22		
24	25	20	DOS		1.44	2H	-0.04	80	Bobbin	22		
24	25	20	DIS		0.84	3H	0.02	26	Bobbin	22		
24	25	25	DOS		0.15	3H	0.04	84	Bobbin	22		
24	25	27	DIS		0.64	1H	0.12	33	Bobbin	22		
24	25	27	SAI		0.13	1H	0.07	102	PP	23	OD	
24	25	28	DOS		0.95	1H	-0.08	64	Bobbin	24		
24	25	28	SAI		0.26	1H	-0.13	107	PP	51	OD	
24	25	31	DOS		0.66	1H	0.04	100	Bobbin	24		
24	25	31	DOS		0.39	2H	0.02	132	Bobbin	24		
24	25	39	DOS		0.58	2H	-0.06	116	Bobbin	25		
24	25	40	DOS		0.92	1H	0.10	117	Bobbin	25		
24	25	41	DOS		1.24	2H	0.00	86	Bobbin	25		
24	25	42	DOS		1.55	2H	0.00	104	Bobbin	25		
24	25	43	DOS		0.82	1H	0.06	87	Bobbin	25		
24	25	46	DOS		0.29	1H	0.02	108	Bobbin	24		
24	25	47	DOS		1.66	1H	0.06	78	Bobbin	24		
24	25	54	DOS		0.77	1H	0.00	122	Bobbin	7		
24	25	54	DOS		0.63	2H	-0.06	108	Bobbin	7		
24	25	55	DOS		0.61	2H	-0.12	65	Bobbin	7		
24	25	56	DOS		0.29	1H	0.00	101	Bobbin	8		
24	25	56	DOS		1.11	2H	-0.10	109	Bobbin	8		
24	25	58	DOS		0.31	1H	-0.08	93	Bobbin	8		
24	25	59	DOS		0.75	1H	-0.06	105	Bobbin	8		
24	25	62	DOS		0.36	4H	-0.12	118	Bobbin	7		
24	25	64	DTS		1.54	TEH	20.35	44	Bobbin	9		
24	25	64	SAI		1.90	TSH	-1.42	24	PP	18	ID	
24	25	65	DOS		0.56	2H	0.12	97	Bobbin	9		
24	25	65	DOS		0.79	4H	-0.08	116	Bobbin	9		
24	25	66	DOS		0.63	2H	0.02	62	Bobbin	10		
24	25	66	SAI		0.55	2H	0.06	97	PP	44	OD	
24	25	67	DOS		0.59	1H	-0.18	107	Bobbin	9		
24	25	67	DOS		0.91	2H	0.00	87	Bobbin	9		
24	25	67	DOS		0.43	3H	-0.04	87	Bobbin	9		
24	25	67	TWD	21	0.48	7H	66.26	0	Bobbin	9		
24	25	67	TWD	21	0.47	7H	27.32	0	Bobbin	9		
24	25	68	DOS		0.26	2H	-0.08	76	Bobbin	9		
24	25	69	DOS		0.20	2H	-0.06	144	Bobbin	9		
24	25	70	DOS		0.64	2H	-0.16	62	Bobbin	10		
24	25	71	DOS		0.40	1H	-0.04	80	Bobbin	9		
24	25	71	DOS		0.55	4H	-0.02	91	Bobbin	9		
24	25	73	DOS		0.58	2H	-0.04	96	Bobbin	9		
24	25	77	DOS		0.38	2H	-0.04	86	Bobbin	10		



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**Service Induced Indications Identified During 2R13**

SG	Row	Col	Ind	%TW	Volts	Loc	Inch	Deg	Probe	Cal	IDOD	Reason for Plugging
24	25	77	DOS		1.07	3H	-0.14	76	Bobbin	10		
24	25	78	DOS		0.50	1H	0.00	103	Bobbin	9		
24	25	78	DOS		0.90	2H	0.00	71	Bobbin	9		
24	25	78	SAI		0.09	2H	-0.04	93	PP	48	OD	
24	25	78	SAI		0.07	2H	-0.08	104	PP	48	OD	
24	25	78	SAI		0.16	2H	0.00	95	PP	48	OD	
24	25	78	SAI		0.24	2H	0.02	88	PP	48	OD	
24	25	79	DOS		0.31	1H	-0.04	60	Bobbin	12		
24	25	79	DOS		0.34	2H	-0.04	110	Bobbin	12		
24	25	82	DOS		1.51	1H	-0.04	74	Bobbin	11		
24	25	82	SAI		1.16	1H	0.00	79	PP	48	OD	
24	25	84	DOS		0.26	1H	-0.10	118	Bobbin	11		
24	25	84	DOS		0.36	3H	-0.16	87	Bobbin	11		
24	26	11	DOS		0.70	1H	0.02	73	Bobbin	13		
24	26	11	DOS		0.94	3H	0.10	72	Bobbin	13		
24	26	14	DOS		0.53	2H	0.06	48	Bobbin	13		
24	26	16	DOS		1.23	1H	0.00	107	Bobbin	13		
24	26	17	DOS		0.94	1H	0.06	108	Bobbin	13		
24	26	21	DOS		0.53	1H	0.00	67	Bobbin	13		
24	26	21	SAI		0.23	1H	-0.13	114	PP	51	OD	
24	26	22	DOS		0.57	2H	-0.10	78	Bobbin	13		
24	26	23	DOS		0.42	4H	0.02	55	Bobbin	13		
24	26	25	DOS		0.98	1H	0.04	83	Bobbin	13		
24	26	27	DOS		0.23	1H	0.04	86	Bobbin	15		
24	26	28	DOS		1.39	3H	0.02	93	Bobbin	28		
24	26	28	SAI		0.31	3H	0.01	107	PP	51	OD	
24	26	28	SAI		0.74	3H	0.00	105	PP	51	OD	
24	26	30	DOS		1.21	1H	0.06	129	Bobbin	16		
24	26	30	DOS		1.38	2H	-0.08	99	Bobbin	16		
24	26	32	DOS		0.56	1H	0.06	110	Bobbin	16		
24	26	33	DOS		0.94	1H	-0.06	98	Bobbin	16		
24	26	34	DOS		0.89	1H	0.00	103	Bobbin	16		
24	26	37	DOS		0.34	1H	0.04	136	Bobbin	16		
24	26	37	DOS		0.61	2H	-0.08	75	Bobbin	16		
24	26	39	DOS		0.54	1H	0.00	75	Bobbin	13		
24	26	41	DOS		0.51	2H	0.18	91	Bobbin	11		
24	26	42	DOS		1.35	2H	-0.04	107	Bobbin	11		
24	26	43	DOS		0.54	1H	0.02	88	Bobbin	11		
24	26	43	DOS		1.17	2H	-0.08	66	Bobbin	11		
24	26	45	DTS		2.00	TEH	17.64	37	Bobbin	16		
24	26	45	SAI		2.07	TSH	-3.89	25	PP	18	ID	
24	26	48	DOS		0.58	2H	0.00	105	Bobbin	16		
24	26	49	DOS		1.13	2H	0.00	84	Bobbin	16		
24	26	50	DOS		1.24	2H	-0.10	81	Bobbin	29		
24	26	57	DOS		0.31	4H	0.02	69	Bobbin	7		
24	26	57	SAI		0.34	4H	0.07	101	PP	51	OD	
24	26	62	TWD	6	0.11	7H	26.81	0	Bobbin	8		
24	26	63	DOS		0.28	2H	-0.10	79	Bobbin	7		
24	26	63	PVN		11.80	3H	31.01	15	Bobbin	7		

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**Service Induced Indications Identified During 2R13**

SG	Row	Col	Ind	%TW	Volts	Loc	Inch	Deg	Probe	Cal	IDOD	Reason for Plugging
24	26	64	DOS		0.32	2H	-0.08	107	Bobbin	9		
24	26	64	DTS		2.14	TSH	-0.74	13	Bobbin	9		
24	26	64	SAI		0.74	TSH	-0.97	20	PP	18	ID	
24	26	65	DOS		0.78	1H	-0.04	89	Bobbin	10		
24	26	67	DOS		0.66	2H	-0.02	97	Bobbin	10		
24	26	67	DOS		0.53	3H	-0.12	91	Bobbin	10		
24	26	68	DOS		0.69	3H	-0.10	97	Bobbin	10		
24	26	72	DOS		0.44	3H	-0.14	94	Bobbin	9		
24	26	74	DOS		0.45	2H	0.00	102	Bobbin	10		
24	26	74	DOS		0.88	3H	-0.14	37	Bobbin	10		
24	26	76	DOS		0.26	1H	-0.04	108	Bobbin	10		
24	26	79	DOS		0.33	1H	-0.14	74	Bobbin	11		
24	27	15	DOS		0.88	1H	0.02	67	Bobbin	15		
24	27	15	SAI		0.17	1H	-0.06	86	PP	51	OD	
24	27	15	SAI		0.20	1H	0.00	91	PP	51	OD	
24	27	16	DOS		0.31	2H	0.06	95	Bobbin	13		
24	27	19	DIS		0.46	3H	0.10	43	Bobbin	15		
24	27	19	SAI		0.11	3H	0.08	90	PP	51	OD	
24	27	19	DOS		0.42	4H	0.04	60	Bobbin	15		
24	27	21	DOS		1.62	2H	0.04	77	Bobbin	15		
24	27	22	DOS		1.21	2H	0.00	38	Bobbin	15		
24	27	22	SAI		0.16	2H	-0.13	113	PP	51	OD	
24	27	22	SAI		0.45	2H	-0.05	101	PP	51	OD	
24	27	23	DOS		0.79	2H	0.10	70	Bobbin	15		
24	27	23	DOS		0.52	4H	0.06	45	Bobbin	15		
24	27	23	DOS		0.48	5H	0.04	109	Bobbin	15		
24	27	26	DOS		0.66	1H	0.00	113	Bobbin	15		
24	27	28	DOS		0.50	1H	0.02	120	Bobbin	16		
24	27	30	DOS		1.14	1H	0.00	109	Bobbin	17		
24	27	30	DOS		0.71	2H	-0.06	86	Bobbin	17		
24	27	31	DOS		0.39	1H	-0.04	124	Bobbin	16		
24	27	31	DOS		1.25	2H	-0.10	95	Bobbin	16		
24	27	33	DOS		0.63	1H	-0.08	117	Bobbin	17		
24	27	33	DOS		0.66	2H	0.06	68	Bobbin	17		
24	27	35	DOS		0.80	1H	-0.08	91	Bobbin	17		
24	27	38	DOS		0.57	2H	0.00	144	Bobbin	13		
24	27	39	DOS		0.83	1H	-0.16	96	Bobbin	14		
24	27	39	DOS		0.54	2H	-0.02	68	Bobbin	14		
24	27	39	DOS		1.59	3H	0.10	106	Bobbin	14		
24	27	42	DOS		0.54	1H	0.00	130	Bobbin	12		
24	27	42	DOS		0.79	2H	0.00	88	Bobbin	12		
24	27	49	DOS		0.62	1H	-0.02	111	Bobbin	17		
24	27	49	DOS		0.33	3H	0.00	100	Bobbin	17		
24	27	50	DOS		0.46	1H	-0.04	111	Bobbin	7		
24	27	50	DOS		0.16	2H	-0.06	117	Bobbin	7		
24	27	50	DOS		0.31	3H	-0.04	95	Bobbin	7		
24	27	51	DOS		1.67	2H	-0.04	87	Bobbin	28		
24	27	55	DOS		0.32	2H	-0.08	123	Bobbin	7		
24	27	55	DOS		0.29	3H	-0.08	91	Bobbin	7		

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**Service Induced Indications Identified During 2R13**

SG	Row	Col	Ind	%TW	Volts	Loc	Inch	Deg	Probe	Cal	IDOD	Reason for Plugging
24	27	57	DOS		0.42	2H	-0.06	122	Bobbin	8		
24	27	58	DOS		0.70	1H	-0.12	105	Bobbin	8		
24	27	58	DOS		1.11	2H	-0.16	90	Bobbin	8		
24	27	59	DOS		0.94	2H	-0.16	99	Bobbin	7		
24	27	66	DOS		0.57	2H	-0.14	80	Bobbin	10		
24	27	68	DOS		0.40	2H	-0.18	104	Bobbin	9		
24	27	70	DOS		0.40	2H	-0.16	132	Bobbin	10		
24	27	72	DOS		1.00	2H	-0.06	89	Bobbin	10		
24	27	76	DOS		0.81	1H	0.00	113	Bobbin	9		
24	27	76	DOS		0.31	2H	-0.10	81	Bobbin	9		
24	27	77	DOS		1.06	3H	-0.04	85	Bobbin	9		
24	27	80	DOS		0.18	2H	0.04	126	Bobbin	12		
24	27	81	DOS		0.36	2H	0.00	46	Bobbin	12		
24	27	82	DOS		0.45	3H	0.16	155	Bobbin	11		
24	27	84	DOS		0.52	1H	-0.24	77	Bobbin	11		
24	28	13	DOS		0.59	2H	0.00	93	Bobbin	13		
24	28	16	DOS		0.54	3H	0.08	47	Bobbin	15		
24	28	19	DOS		0.49	1H	0.14	110	Bobbin	13		
24	28	19	DOS		0.96	2H	0.08	83	Bobbin	13		
24	28	19	SAI		0.61	2H	0.01	91	PP	51	OD	
24	28	19	SAI		0.22	2H	0.06	107	PP	51	OD	
24	28	19	DOS		0.32	3H	0.12	95	Bobbin	13		
24	28	22	DOS		1.30	2H	-0.00	106	Bobbin	13		
24	28	22	DOS		0.71	3H	0.06	93	Bobbin	13		
24	28	23	DOS		0.73	1H	0.00	113	Bobbin	13		
24	28	23	DOS		0.74	3H	0.00	83	Bobbin	13		
24	28	24	DOS		0.69	3H	0.04	60	Bobbin	13		
24	28	30	DOS		1.13	1H	-0.04	134	Bobbin	16		
24	28	32	DOS		0.63	2H	-0.10	136	Bobbin	17		
24	28	37	DOS		0.40	1H	0.08	69	Bobbin	16		
24	28	38	DOS		0.22	2H	0.00	119	Bobbin	14		
24	28	39	DOS		0.76	1H	-0.04	116	Bobbin	13		
24	28	40	DOS		0.59	1H	0.16	108	Bobbin	11		
24	28	42	DOS		0.58	1H	-0.04	144	Bobbin	11		
24	28	51	DOS		0.46	1H	0.00	102	Bobbin	29		
24	28	51	DOS		0.68	4H	-0.04	68	Bobbin	29		
24	28	52	DOS		0.93	2H	-0.18	82	Bobbin	8		
24	28	55	DOS		0.69	2H	-0.12	58	Bobbin	8		
24	28	56	DOS		0.15	2H	-0.08	105	Bobbin	7		
24	28	57	DOS		0.23	2C	0.00	124	Bobbin	7		
24	28	58	DOS		1.39	2H	-0.10	98	Bobbin	7		
24	28	59	DOS		0.72	2H	-0.22	95	Bobbin	8		
24	28	65	DOS		0.74	2H	-0.20	86	Bobbin	9		
24	28	66	PVN		10.12	3H	46.63	15	Bobbin	9		
24	28	67	DOS		0.57	2H	-0.06	61	Bobbin	10		
24	28	69	DOS		0.22	3H	0.06	98	Bobbin	9		
24	28	73	DOS		0.52	1H	0.04	89	Bobbin	10		
24	28	75	DOS		0.30	1H	-0.06	86	Bobbin	9		SAI-OD @ 2H Wedge
24	28	75	DOS		0.36	2H	0.00	55	Bobbin	9		SAI-OD @ 2H Wedge

**Table 1**  
**Service Induced Indications Identified During 2R13**

SG	Row	Col	Ind	%TW	Volts	Loc	Inch	Deg	Probe	Cal	IDOD	Reason for Plugging
24	28	75	SAI		0.13	2H	0.03	114	PP	51	OD	SAI-OD @ 2H Wedge
24	29	16	DOS		0.53	2H	0.04	66	Bobbin	13		
24	29	18	DOS		0.61	2H	0.18	109	Bobbin	13		
24	29	23	DOS		0.29	1H	0.00	99	Bobbin	15		
24	29	23	DOS		1.62	2H	0.04	102	Bobbin	15		
24	29	26	DOS		0.18	2H	0.04	124	Bobbin	15		
24	29	28	DOS		0.88	1H	0.06	147	Bobbin	16		
24	29	32	DOS		0.44	2H	0.04	60	Bobbin	16		
24	29	33	DOS		0.53	2H	-0.04	107	Bobbin	17		
24	29	37	DOS		0.32	1H	0.06	61	Bobbin	17		
24	29	37	DOS		1.13	2H	-0.02	79	Bobbin	17		
24	29	41	DOS		1.25	2H	0.04	90	Bobbin	11		
24	29	44	DOS		0.16	2H	0.02	108	Bobbin	12		
24	29	46	DOS		0.29	3H	0.04	136	Bobbin	12		
24	29	53	DOS		0.85	1H	-0.04	112	Bobbin	8		
24	29	57	DOS		1.30	2H	-0.20	112	Bobbin	8		
24	29	61	DOS		0.44	2H	-0.04	101	Bobbin	7		
24	29	66	DOS		0.36	2H	-0.08	129	Bobbin	10		
24	29	73	DOS		0.66	2H	-0.10	72	Bobbin	9		SAI-OD @ 2H Wedge
24	29	73	SAI		0.39	2H	-0.11	97	PP	51	OD	SAI-OD @ 2H Wedge
24	29	76	DOS		0.20	1H	0.04	84	Bobbin	9		
24	29	84	TWD	9	0.56	2C	-0.10	149	Bobbin	11		
24	29	84	VOL		0.14	2C	-0.14	83	PP	52	OD	
24	30	16	DOS		2.25	2H	0.10	77	Bobbin	15		DOS>2V & SAI-OD @ 2H
24	30	16	SAI		1.60	2H	0.03	75	PP	51	OD	DOS>2V & SAI-OD @ 2H
24	30	16	DOS		0.48	3H	0.00	132	Bobbin	15		DOS>2V & SAI-OD @ 2H
24	30	18	DOS		0.66	3H	-0.04	79	Bobbin	15		
24	30	19	DOS		0.31	2H	0.00	74	Bobbin	13		
24	30	28	DOS		0.44	1H	0.00	111	Bobbin	17		
24	30	30	DOS		0.67	1H	-0.08	88	Bobbin	16		
24	30	32	DOS		1.07	2H	-0.14	97	Bobbin	17		
24	30	34	DOS		0.29	2H	0.08	62	Bobbin	16		
24	30	36	DIS		1.58	3H	-0.20	23	Bobbin	16		
24	30	36	SAI		0.27	3H	-0.01	87	PP	34	OD	
24	30	45	DOS		0.40	1H	0.08	80	Bobbin	12		
24	30	48	PVN		10.00	4H	-0.12	187	Bobbin	11		
24	30	51	DOS		1.26	2H	0.00	97	Bobbin	8		
24	30	54	DOS		0.31	2H	0.00	28	Bobbin	8		
24	30	58	DOS		0.24	1H	-0.06	112	Bobbin	7		
24	30	61	DOS		0.17	3H	-0.08	73	Bobbin	8		
24	30	62	DOS		0.59	5H	0.04	82	Bobbin	8		
24	30	67	DOS		0.14	3H	-0.06	139	Bobbin	10		
24	30	71	DOS		0.72	3H	0.08	97	Bobbin	10		
24	30	81	TWD	12	0.78	2C	0.04	159	Bobbin	11		
24	30	83	TWD	22	1.51	2C	0.00	132	Bobbin	11		
24	31	27	DOS		0.66	3H	0.06	63	Bobbin	15		
24	31	31	DOS		1.93	1H	0.00	66	Bobbin	28		
24	31	31	SAI		1.38	1H	-0.08	77	PP	51	OD	
24	31	31	DOS		1.47	2H	-0.06	82	Bobbin	16		

**Table 1**  
**Service Induced Indications Identified During 2R13**

SG	Row	Col	Ind	%TW	Volts	Loc	Inch	Deg	Probe	Cal	IDOD	Reason for Plugging
24	31	31	DOS		1.42	2H	-0.06	94	Bobbin	28		
24	31	31	SAI		0.52	2H	-0.13	108	PP	33	OD	
24	31	31	SAI		0.37	2H	-0.14	103	PP	33	OD	
24	31	34	DOS		0.52	1H	0.06	114	Bobbin	17		
24	31	34	DOS		1.02	2H	0.00	99	Bobbin	17		
24	31	34	DOS		0.41	4H	0.06	55	Bobbin	17		
24	31	36	DOS		0.82	1H	0.00	96	Bobbin	17		
24	31	41	DOS		0.73	2H	0.00	106	Bobbin	11		
24	31	42	DIS		0.59	3H	-0.02	34	Bobbin	12		
24	31	43	DOS		0.36	2H	0.12	131	Bobbin	12		
24	31	43	DOS		0.40	3H	0.00	54	Bobbin	12		
24	31	43	DOS		0.60	4H	0.02	19	Bobbin	12		
24	31	43	SAI		0.14	4H	-0.09	134	PP	51	OD	
24	31	46	DOS		0.24	2H	0.06	80	Bobbin	12		
24	31	49	DOS		0.17	2H	0.00	94	Bobbin	12		
24	31	53	DOS		0.23	2H	-0.08	85	Bobbin	8		
24	31	59	DOS		0.64	2H	-0.08	96	Bobbin	7		
24	31	62	DOS		0.28	4H	-0.06	115	Bobbin	7		
24	31	63	DOS		1.09	2H	-0.10	68	Bobbin	8		
24	31	63	DOS		1.18	3H	-0.12	81	Bobbin	8		
24	31	65	DOS		0.35	2H	-0.12	104	Bobbin	10		
24	31	65	TWD	25	0.58	7H	30.74	0	Bobbin	10		
24	31	79	TWD	11	0.68	1C	-0.02	148	Bobbin	12		
24	31	82	TWD	13	0.81	1C	0.12	144	Bobbin	11		
24	31	82	TWD	17	1.11	2C	0.00	132	Bobbin	11		
24	32	16	TWD	15	0.98	1C	-0.18	126	Bobbin	15		
24	32	16	TWD	18	1.15	2C	-0.18	151	Bobbin	15		
24	32	16	VOL		0.27	2C	-0.18	121	PP	52	OD	
24	32	25	DOS		0.25	2H	0.08	67	Bobbin	15		
24	32	28	DOS		0.18	3H	0.00	98	Bobbin	17		
24	32	33	DIS		0.75	1H	0.02	22	Bobbin	16		
24	32	38	DOS		0.18	2H	0.10	105	Bobbin	14		
24	32	43	DOS		1.21	2H	-0.08	93	Bobbin	11		
24	32	43	DOS		0.64	4H	-0.02	107	Bobbin	11		
24	32	53	DOS		0.22	2H	-0.04	137	Bobbin	7		
24	32	57	DOS		0.37	2H	0.08	104	Bobbin	8		
24	32	58	DOS		0.22	2H	-0.06	59	Bobbin	7		
24	32	70	DOS		0.36	1H	-0.02	101	Bobbin	9		
24	32	77	PVN		12.04	4H	43.23	15	Bobbin	9		
24	33	27	DOS		0.19	1H	0.06	88	Bobbin	15		
24	33	29	DOS		0.87	2H	0.02	99	Bobbin	16		
24	33	30	DIS		0.53	3H	0.06	31	Bobbin	17		
24	33	33	DOS		0.72	2H	0.00	90	Bobbin	17		
24	33	34	DOS		0.51	4H	-0.02	97	Bobbin	17		
24	33	35	DOS		0.89	4H	-0.06	122	Bobbin	17		
24	33	42	DOS		0.40	3H	-0.02	145	Bobbin	12		
24	33	42	SAI		0.29	3H	-0.08	112	PP	51	OD	
24	33	48	TWD	20	0.35	7H	110.97	0	Bobbin	12		
24	33	48	TWD	24	0.46	7H	31.36	0	Bobbin	12		

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**Service Induced Indications Identified During 2R13**

SG	Row	Col	Ind	%TW	Volts	Loc	Inch	Deg	Probe	Cal	IDOD	Reason for Plugging
24	33	48	TWD	16	0.25	7H	56.55	0	Bobbin	12		
24	33	54	TWD	12	0.19	7H	111.24	0	Bobbin	7		
24	33	54	TWD	17	0.30	7H	32.05	0	Bobbin	7		
24	33	55	DOS		1.94	2H	0.12	91	Bobbin	7		DOS<2V w/ High PP SAI-OD @ 2H
24	33	55	SAI		2.07	2H	0.16	76	PP	51	OD	DOS<2V w/ High PP SAI-OD @ 2H
24	33	60	TWD	36	1.64	7H	58.18	0	Bobbin	7		
24	33	62	DOS		0.11	2H	-0.02	56	Bobbin	7		
24	34	22	DOS		0.60	1H	0.06	84	Bobbin	13		
24	34	23	DOS		0.40	1H	0.00	76	Bobbin	15		
24	34	24	DOS		0.64	2H	-0.08	94	Bobbin	13		
24	34	25	DOS		0.90	2H	-0.02	102	Bobbin	15		
24	34	26	DOS		0.70	1H	0.18	109	Bobbin	13		
24	34	35	DOS		0.44	3H	0.04	105	Bobbin	16		
24	34	39	DOS		0.17	3H	0.06	96	Bobbin	13		
24	34	47	DOS		0.20	3H	0.02	71	Bobbin	11		
24	34	52	DOS		0.54	2H	0.00	103	Bobbin	8		
24	34	53	DOS		1.68	2H	-0.08	89	Bobbin	7		
24	34	54	DOS		0.45	2H	-0.10	142	Bobbin	8		
24	34	58	DOS		0.54	2H	-0.02	91	Bobbin	7		
24	34	61	TWD	24	0.61	7H	89.30	0	Bobbin	8		
24	34	61	TWD	14	0.27	7H	32.91	0	Bobbin	8		
24	34	64	DOS		0.35	2H	-0.06	71	Bobbin	9		
24	34	68	DOS		1.25	2H	0.02	96	Bobbin	9		
24	34	79	TWD	12	0.73	1C	0.02	125	Bobbin	11		
24	35	24	DOS		0.42	2H	-0.06	93	Bobbin	15		
24	35	27	DIS		0.27	3H	0.06	34	Bobbin	15		
24	35	28	DOS		0.93	1H	0.08	63	Bobbin	16		
24	35	28	SAI		0.39	1H	0.07	91	PP	51	OD	
24	35	34	DOS		0.59	2H	0.00	127	Bobbin	16		
24	35	35	DOS		0.29	1H	0.02	74	Bobbin	17		
24	35	40	DOS		0.24	2H	0.04	90	Bobbin	14		
24	35	40	DOS		0.89	3H	-0.06	73	Bobbin	14		
24	35	41	DOS		0.25	2H	0.02	102	Bobbin	11		
24	35	41	SAI		0.32	2H	-0.01	108	PP	51	OD	
24	35	51	DOS		0.41	3H	-0.04	95	Bobbin	7		
24	35	54	DOS		1.34	2H	-0.10	89	Bobbin	7		
24	35	62	DOS		1.13	2H	-0.04	66	Bobbin	7		
24	35	62	DOS		0.31	3H	-0.10	77	Bobbin	7		
24	35	65	DOS		1.00	2H	-0.04	52	Bobbin	10		
24	35	65	SAI		0.23	2H	-0.01	77	PP	39	OD	
24	35	65	SAI		0.25	2H	0.04	94	PP	39	OD	
24	35	65	SAI		0.15	2H	-0.08	108	PP	39	OD	
24	35	65	DOS		1.46	3H	-0.14	82	Bobbin	10		
24	35	69	DOS		0.53	1H	-0.08	56	Bobbin	10		
24	35	69	DOS		0.71	2H	0.06	47	Bobbin	10		
24	35	69	SAI		0.12	2H	0.08	116	PP	51	OD	
24	35	69	SAI		0.20	2H	0.11	106	PP	51	OD	
24	35	70	DOS		1.04	2H	-0.14	138	Bobbin	10		
24	35	72	DOS		0.49	2H	0.02	78	Bobbin	10		

**Table 1**  
**Service Induced Indications Identified During 2R13**

SG	Row	Col	Ind	%TW	Volts	Loc	Inch	Deg	Probe	Cal	IDOD	Reason for Plugging
24	35	72	SAI		0.23	2H	0.04	90	PP	39	OD	
24	35	76	DIS		0.72	6H	-0.08	29	Bobbin	9		
24	36	19	DOS		0.35	4C	0.20	34	Bobbin	13		
24	36	20	DOS		0.37	2H	0.08	92	Bobbin	13		
24	36	22	DOS		0.21	3H	0.00	70	Bobbin	13		
24	36	22	SAI		0.16	3H	-0.06	110	PP	51	OD	
24	36	23	DOS		0.28	3H	0.00	72	Bobbin	15		
24	36	25	DOS		1.01	1H	0.08	106	Bobbin	15		
24	36	28	DOS		0.34	1H	0.02	76	Bobbin	17		
24	36	28	DOS		0.87	2H	0.10	70	Bobbin	17		
24	36	28	SAI		0.11	2H	-0.17	115	PP	32	OD	
24	36	28	SAI		0.19	2H	-0.01	101	PP	32	OD	
24	36	29	DOS		0.49	1H	0.02	72	Bobbin	17		
24	36	29	SAI		0.26	1H	-0.04	104	PP	32	OD	
24	36	29	SAI		0.14	1H	-0.05	108	PP	32	OD	
24	36	29	DOS		0.65	2H	0.02	53	Bobbin	17		
24	36	31	DOS		0.95	2H	0.04	94	Bobbin	17		
24	36	32	DOS		1.36	2H	-0.12	85	Bobbin	28		
24	36	32	DOS		0.67	3H	0.00	75	Bobbin	16		
24	36	32	DOS		0.60	3H	0.00	95	Bobbin	28		
24	36	32	SAI		0.26	3H	-0.10	108	PP	51	OD	
24	36	32	SAI		0.20	3H	-0.02	93	PP	51	OD	
24	36	32	SAI		0.16	3H	-0.08	104	PP	51	OD	
24	36	32	SAI		0.27	3H	-0.08	111	PP	51	OD	
24	36	33	DOS		0.59	2H	0.04	42	Bobbin	16		
24	36	33	SAI		0.19	2H	0.02	127	PP	32	OD	
24	36	34	DOS		0.41	1H	0.08	75	Bobbin	28		DOS>2V & SAI-OD @ 3H
24	36	34	DOS		3.99	3H	0.00	64	Bobbin	28		DOS>2V & SAI-OD @ 3H
24	36	34	SAI		2.52	3H	-0.05	57	PP	51	OD	DOS>2V & SAI-OD @ 3H
24	36	34	SAI		0.62	3H	-0.04	61	PP	51	OD	DOS>2V & SAI-OD @ 3H
24	36	34	SAI		0.32	3H	0.02	107	PP	51	OD	DOS>2V & SAI-OD @ 3H
24	36	34	DOS		0.78	4H	-0.10	95	Bobbin	28		DOS>2V & SAI-OD @ 3H
24	36	34	DOS		0.88	4H	-0.04	86	Bobbin	17		DOS>2V & SAI-OD @ 3H
24	36	35	DOS		0.93	1H	0.00	83	Bobbin	16		
24	36	35	DOS		0.95	2H	0.00	77	Bobbin	16		
24	36	38	DOS		1.45	1H	-0.06	87	Bobbin	16		
24	36	43	DOS		0.48	1H	0.00	97	Bobbin	12		
24	36	43	DOS		0.43	3H	0.00	52	Bobbin	12		
24	36	45	DOS		1.40	2H	-0.06	91	Bobbin	11		
24	36	46	DOS		1.24	2H	0.02	95	Bobbin	11		
24	36	49	DOS		0.39	2H	0.04	125	Bobbin	12		
24	36	50	DOS		1.16	2H	0.06	89	Bobbin	8		
24	36	51	DOS		1.18	2H	-0.12	104	Bobbin	8		
24	36	55	DOS		0.40	3H	-0.12	64	Bobbin	7		
24	36	58	DOS		1.06	2H	0.00	89	Bobbin	7		
24	36	58	SAI		0.28	2H	0.01	90	PP	51	OD	
24	36	58	SAI		0.22	2H	-0.03	106	PP	51	OD	
24	36	58	SAI		0.05	2H	-0.03	105	PP	51	OD	
24	36	58	SAI		0.35	2H	0.01	95	PP	51	OD	

**Table 1**  
**Service Induced Indications Identified During 2R13**

SG	Row	Col	Ind	%TW	Volts	Loc	Inch	Deg	Probe	Cal	IDOD	Reason for Plugging
24	36	58	DOS		0.63	3H	-0.16	80	Bobbin	7		
24	36	58	DOS		0.23	4H	-0.08	51	Bobbin	7		
24	36	60	DOS		0.29	4H	-0.10	98	Bobbin	7		
24	36	61	DOS		0.81	2H	-0.14	36	Bobbin	8		
24	36	61	DOS		0.32	3H	-0.08	84	Bobbin	8		
24	36	62	DOS		0.19	3C	0.00	121	Bobbin	8		
24	36	67	DOS		1.31	2H	-0.04	91	Bobbin	10		
24	36	69	DOS		0.27	4H	-0.08	87	Bobbin	9		
24	36	75	DOS		0.40	3C	0.20	45	Bobbin	10		
24	37	27	DOS		0.89	1H	0.04	88	Bobbin	15		
24	37	27	DOS		0.59	3H	0.06	82	Bobbin	15		
24	37	29	DOS		0.58	2H	0.12	41	Bobbin	16		
24	37	29	SAI		0.27	2H	0.02	115	PP	32	OD	
24	37	29	SAI		0.14	2H	0.09	113	PP	32	OD	
24	37	42	DOS		0.54	2H	0.06	125	Bobbin	12		
24	37	42	DOS		0.27	3H	-0.16	82	Bobbin	12		
24	37	45	DOS		0.31	3H	0.08	145	Bobbin	11		
24	37	46	DOS		1.08	2H	0.00	94	Bobbin	12		
24	37	47	DOS		0.42	1H	0.00	68	Bobbin	12		
24	37	47	SAI		0.42	1H	-0.05	90	PP	51	OD	
24	37	50	DOS		0.33	2H	-0.02	68	Bobbin	7		
24	37	52	DOS		0.17	1H	-0.06	78	Bobbin	7		
24	37	52	SAI		0.22	1H	-0.01	100	PP	51	OD	
24	37	52	DOS		1.04	3H	-0.12	96	Bobbin	7		
24	37	54	DOS		1.29	2H	-0.04	101	Bobbin	7		
24	37	56	DOS		0.61	4H	-0.06	108	Bobbin	8		
24	37	57	DOS		0.16	4H	-0.02	126	Bobbin	8		
24	37	59	DOS		0.23	2H	-0.04	122	Bobbin	7		
24	37	61	DOS		0.10	2H	-0.10	84	Bobbin	7		
24	37	64	DOS		1.14	2H	0.00	91	Bobbin	10		
24	37	64	DOS		0.30	6C	0.00	127	Bobbin	10		
24	37	65	DOS		0.90	2H	-0.06	91	Bobbin	10		
24	37	67	DOS		0.61	3H	-0.10	70	Bobbin	9		
24	37	69	DOS		0.32	6C	0.08	49	Bobbin	10		
24	37	76	TWD	10	0.61	2C	-0.12	139	Bobbin	9		
24	38	25	DOS		0.71	1H	0.02	108	Bobbin	15		DOS>2V & SAI-OD @ 2H
24	38	25	DOS		2.26	2H	0.02	72	Bobbin	15		DOS>2V & SAI-OD @ 2H
24	38	25	SAI		0.39	2H	-0.16	81	PP	51	OD	DOS>2V & SAI-OD @ 2H
24	38	25	SAI		1.40	2H	-0.07	88	PP	51	OD	DOS>2V & SAI-OD @ 2H
24	38	25	SAI		0.34	2H	-0.03	92	PP	51	OD	DOS>2V & SAI-OD @ 2H
24	38	27	DOS		0.85	2H	0.02	85	Bobbin	15		
24	38	27	DOS		0.84	3H	0.00	99	Bobbin	15		
24	38	28	DOS		1.00	1H	0.04	76	Bobbin	17		
24	38	28	DOS		0.95	1H	0.10	84	Bobbin	28		
24	38	28	DOS		0.62	2H	0.00	82	Bobbin	17		
24	38	28	DOS		0.44	2H	-0.06	121	Bobbin	28		
24	38	28	DOS		1.97	3H	0.00	77	Bobbin	28		
24	38	28	SAI		0.29	3H	-0.02	111	PP	51	OD	
24	38	28	SAI		0.85	3H	0.00	84	PP	51	OD	



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**Service Induced Indications Identified During 2R13**

SG	Row	Col	Ind	%TW	Volts	Loc	Inch	Deg	Probe	Cal	IDOD	Reason for Plugging
24	38	28	SAI		0.50	3H	0.00	107	PP	51	OD	
24	38	33	DOS		0.62	2H	-0.04	80	Bobbin	16		
24	38	34	DOS		0.54	1H	0.10	109	Bobbin	16		
24	38	36	DOS		0.56	1H	0.16	104	Bobbin	16		
24	38	37	DOS		0.40	2H	0.06	72	Bobbin	16		
24	38	45	DOS		1.50	2H	0.02	84	Bobbin	12		
24	38	48	DOS		1.14	3H	0.02	98	Bobbin	12		
24	38	56	DOS		0.28	3C	0.00	61	Bobbin	7		
24	38	59	DOS		1.09	2H	-0.08	80	Bobbin	8		
24	38	59	DOS		0.70	4H	-0.12	73	Bobbin	8		
24	38	59	SAI		0.63	4H	0.00	90	PP	51	OD	
24	38	61	DOS		3.24	2H	0.00	61	Bobbin	8		DOS>2V & SAI-OD @ 2H
24	38	61	SAI		0.44	2H	-0.02	90	PP	51	OD	DOS>2V & SAI-OD @ 2H
24	38	61	SAI		2.51	2H	0.00	50	PP	51	OD	DOS>2V & SAI-OD @ 2H
24	38	61	SAI		0.22	2H	-0.14	95	PP	51	OD	DOS>2V & SAI-OD @ 2H
24	38	61	SAI		0.33	2H	-0.07	115	PP	51	OD	DOS>2V & SAI-OD @ 2H
24	38	61	SAI		0.21	2H	0.00	107	PP	51	OD	DOS>2V & SAI-OD @ 2H
24	38	61	DOS		0.51	3H	-0.08	92	Bobbin	8		DOS>2V & SAI-OD @ 2H
24	38	64	DOS		0.63	2H	-0.10	116	Bobbin	9		
24	38	65	DOS		1.21	2H	0.02	103	Bobbin	9		
24	38	67	DOS		1.13	2H	-0.08	63	Bobbin	10		
24	38	67	SAI		0.36	2H	0.03	68	PP	51	OD	
24	38	67	SAI		0.34	2H	-0.09	90	PP	51	OD	
24	38	67	SAI		0.31	2H	-0.10	97	PP	51	OD	
24	38	67	SAI		0.12	2H	0.02	128	PP	51	OD	
24	38	67	DOS		1.05	3H	-0.18	82	Bobbin	10		
24	38	72	DOS		0.31	1H	0.16	81	Bobbin	9		
24	39	27	DOS		0.17	3H	-0.02	78	Bobbin	16		
24	39	29	DOS		0.46	1H	0.00	99	Bobbin	16		
24	39	30	DOS		1.15	1H	-0.02	92	Bobbin	16		
24	39	42	DOS		0.30	2H	0.00	91	Bobbin	12		
24	39	42	DOS		0.19	3H	0.02	124	Bobbin	12		
24	39	50	DOS		0.41	2H	-0.02	123	Bobbin	7		
24	39	51	TWD	20	0.38	7H	35.50	0	Bobbin	7		
24	39	51	TWD	13	0.21	7H	67.28	0	Bobbin	7		
24	39	64	DOS		0.68	1H	0.04	82	Bobbin	10		
24	39	64	DOS		0.39	3H	-0.10	114	Bobbin	10		
24	40	26	DOS		0.32	2H	0.00	122	Bobbin	13		
24	40	29	DIS		0.61	1H	0.00	30	Bobbin	17		
24	40	30	DOS		2.14	1H	0.00	94	Bobbin	28		DOS>2V & SAI-OD @ 1H
24	40	30	SAI		1.37	1H	-0.04	77	PP	51	OD	DOS>2V & SAI-OD @ 1H
24	40	30	SAI		0.31	1H	0.04	107	PP	51	OD	DOS>2V & SAI-OD @ 1H
24	40	30	SAI		0.37	1H	-0.07	100	PP	51	OD	DOS>2V & SAI-OD @ 1H
24	40	41	DOS		0.70	2H	0.06	94	Bobbin	12		
24	40	43	DOS		0.48	2H	0.18	128	Bobbin	12		
24	40	46	DOS		1.79	2H	0.04	80	Bobbin	28		
24	40	46	SAI		1.79	2H	-0.04	73	PP	51	OD	
24	40	47	DOS		0.51	1H	0.00	55	Bobbin	12		DOS>2V & SAI-OD @ 2H
24	40	47	SAI		0.50	1H	-0.07	99	PP	51	OD	DOS>2V & SAI-OD @ 2H

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SG	Row	Col	Ind	%TW	Volts	Loc	Inch	Deg	Probe	Cal	IDOD	Reason for Plugging
24	40	47	SAI		0.15	1H	-0.19	103	PP	51	OD	DOS>2V & SAI-OD @ 2H
24	40	47	DOS		2.01	2H	0.10	81	Bobbin	12		DOS>2V & SAI-OD @ 2H
24	40	47	SAI		1.24	2H	0.00	81	PP	51	OD	DOS>2V & SAI-OD @ 2H
24	40	47	SAI		0.82	2H	-0.07	89	PP	51	OD	DOS>2V & SAI-OD @ 2H
24	40	53	DOS		0.88	2H	-0.08	88	Bobbin	7		
24	40	57	DOS		0.49	3H	-0.12	115	Bobbin	7		
24	40	57	DOS		0.15	4H	-0.12	134	Bobbin	7		
24	40	61	DOS		0.81	2H	-0.18	90	Bobbin	8		
24	40	62	DOS		1.43	2H	0.04	75	Bobbin	7		
24	41	26	DOS		1.88	2H	0.06	85	Bobbin	15		
24	41	26	SAI		0.53	2H	-0.01	90	PP	51	OD	
24	41	26	SAI		0.63	2H	0.04	90	PP	51	OD	
24	41	29	DOS		0.37	1H	0.08	75	Bobbin	16		
24	41	46	DOS		0.35	2H	0.12	124	Bobbin	12		
24	41	47	DOS		0.65	3H	0.06	147	Bobbin	11		
24	41	48	DOS		0.43	2H	0.04	142	Bobbin	12		
24	41	52	DOS		0.53	2H	-0.10	111	Bobbin	7		
24	41	61	DOS		1.49	2H	-0.12	82	Bobbin	7		
24	41	61	SAI		1.45	2H	-0.05	70	PP	51	OD	
24	41	61	SAI		1.55	2H	-0.05	70	PP	56	OD	
24	41	61	SAI		0.25	2H	0.01	107	PP	56	OD	
24	41	61	SAI		0.21	2H	0.01	109	PP	51	OD	
24	41	61	DOS		0.71	4H	-0.04	67	Bobbin	7		
24	41	61	SAI		0.42	4H	0.03	92	PP	36	OD	
24	41	63	DOS		1.55	2H	0.00	73	Bobbin	8		
24	41	64	DOS		1.55	2H	-0.08	84	Bobbin	10		
24	42	33	DIS		0.75	6H	0.00	20	Bobbin	16		
24	42	41	DOS		0.58	2H	0.12	66	Bobbin	12		
24	42	41	SAI		0.26	2H	0.04	117	PP	35	OD	
24	42	43	DOS		0.74	2H	0.14	111	Bobbin	12		
24	42	49	DOS		1.09	2H	0.08	75	Bobbin	12		
24	42	49	DOS		0.40	3H	0.00	69	Bobbin	12		
24	42	50	DOS		0.34	3H	0.02	88	Bobbin	8		
24	42	54	DOS		0.22	2H	0.00	112	Bobbin	8		
24	42	61	DIS		0.53	1H	-0.02	24	Bobbin	8		
24	42	61	SAI		0.15	1H	-0.03	110	PP	51	OD	
24	43	30	DOS		0.72	1H	0.04	61	Bobbin	17		
24	43	30	SAI		0.13	1H	0.04	105	PP	51	OD	
24	43	30	SAI		0.44	1H	-0.02	71	PP	51	OD	
24	43	42	DOS		0.53	2H	0.12	115	Bobbin	12		
24	43	54	DOS		0.18	1H	-0.04	115	Bobbin	7		
24	43	54	DOS		0.51	2H	0.00	73	Bobbin	7		
24	43	60	DIS		0.44	3H	-0.24	24	Bobbin	7		
24	44	41	DOS		1.42	1H	0.00	96	Bobbin	12		
24	44	46	DOS		0.69	2H	0.02	83	Bobbin	11		
24	44	51	DOS		0.38	6C	0.00	92	Bobbin	8		
24	45	38	DOS		0.41	1C	0.34	82	Bobbin	17		
24	45	42	DOS		0.24	1H	-0.06	94	Bobbin	12		
24	45	43	DOS		0.46	1H	0.00	63	Bobbin	11		

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SG	Row	Col	Ind	%TW	Volts	Loc	Inch	Deg	Probe	Cal	IDOD	Reason for Plugging
24	45	47	DOS		1.25	2H	0.12	96	Bobbin	11		
24	45	48	DOS		1.08	1H	0.02	106	Bobbin	11		
24	45	51	DOS		0.37	3H	-0.04	128	Bobbin	7		
24	45	54	DOS		0.63	1H	-0.12	99	Bobbin	7		
24	46	41	DOS		0.11	1C	0.31	88	Bobbin	12		
24	46	42	DOS		0.37	1H	0.10	106	Bobbin	12		
24	46	43	DIS		0.25	4H	0.04	12	Bobbin	12		
24	46	44	DOS		0.28	1H	0.00	118	Bobbin	12		