

## GEOVISION SUSPENSION LOGGING FIELD NOTES

SITE: EXELON VICTORIA B-2303

DATE: 11/15/07

CLIENT: MACTEC

JOB: 7501

AUTHOR: G. CARTER R. STEWART 11/15/07

PAGE 4 OF 7

DEPTH METERS	DEPTH FEET	UNFILTERED FILE NO.	FILTERED FILE NO.	COMMENTS CASING, WATER, ROCK, ETC
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20.5	67.26	38		
21.0	68.90	39		
21.5	70.54	40		
22.0	72.18	41		
22.5	73.82	42		
23.0	75.46	43		
23.5	77.10	44		
24.0	78.74	45		
24.5	80.38	46		
25.0	82.02	47		
25.5	83.66	48		
26.0	85.30	49		
26.5	86.94	50		
27.0	88.58	51		
27.5	90.22	52		
28.0	91.86	53		
28.5	93.50	54		
29.0	95.14	55		
29.5	96.78	56		
30.0	98.43	57		
30.5	100.07	58		
31.0	101.71	59		
31.5	103.35	60		
32.0	104.99	61		
32.5	106.63	62		
33.0	108.27	63		
33.5	109.91	64		
34.0	111.55	65		
34.5	113.19	66		
35.0	114.83	67		
35.5	116.47	68		
36.0	118.11	69		
36.5	119.75	70		
37.0	121.39	71		
37.5	123.03	72		
38.0	124.67	73		
38.5	126.31	74		
39.0	127.95	75		
39.5	129.59	76		
40.0	131.23	77		

### GEOVISION SUSPENSION LOGGING FIELD NOTES

SITE: EXELON VICTORIA B-2303

DATE: 11/15/07

CLIENT: MACTEC

JOB: 7501

AUTHOR: G. CARTER R. STELLER 11/15/07

PAGE 5 OF 7

DEPTH METERS	DEPTH FEET	UNFILTERED FILE NO.	FILTERED FILE NO.	COMMENTS CASING, WATER, ROCK, ETC
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40.5	132.87	78		
41.0	134.51	79		
41.5	136.15	80		
42.0	137.80	81		
42.5	139.44	82		
43.0	141.08	83		
43.5	142.72	84		
44.0	144.36	85		
44.5	146.00	86		
45.0	147.64	87		
45.5	149.28	88		
46.0	150.92	89		
46.5	152.56	90		
47.0	154.20	91		
47.5	155.84	92		
48.0	157.48	93		
48.5	159.12	94		
49.0	160.76	95		
49.5	162.40	96		
50.0	164.04	97		
50.5	165.68	98		
51.0	167.32	99		
51.5	168.96	100		
52.0	170.60	101		
52.5	172.24	102		
53.0	173.88	103		
53.5	175.52	104		
54.0	177.17	105		
54.5	178.81	106		
55.0	180.45	107		
55.5	182.09	108		
56.0	183.73	109		
56.5	185.37	110		
57.0	187.01	111		
57.5	188.65	112		
58.0	190.29	113		
58.5	191.93	114		
59.0	193.57	115		
59.5	195.21	116		
60.0	196.85	117		



## GEOVISION SUSPENSION LOGGING FIELD NOTES

SITE: EXELON VICTORIA B-2303      DATE: 11/15/07  
 CLIENT: MACTEC      JOB: 7501  
 AUTHOR: G. CARTER      P. STEUER 11/15/07      PAGE 6 OF 7

DEPTH METERS	DEPTH FEET	UNFILTERED FILE NO.	FILTERED FILE NO.	COMMENTS CASING, WATER, ROCK, ETC
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60.5	198.49	118		
61.0	200.13	119		
61.5	201.77	120		
62.0	203.41	121		
62.5	205.05	122		
63.0	206.69	123		
63.5	208.33	124		
64.0	209.97	125		
64.5	211.61	126		
65.0	213.25	127		
65.5	214.90	128		
66.0	216.54	129		
66.5	218.18	130		
67.0	219.82	131		
67.5	221.46	132		
68.0	223.10	133		
68.5	224.74	134		
69.0	226.38	135		
69.5	228.02	136		
70.0	229.66	137		
70.5	231.30	138		
71.0	232.94	139		
71.5	234.58	140		
72.0	236.22	141		
72.5	237.86	142		
73.0	239.50	143		
73.5	241.14	144		
74.0	242.78	145		
74.5	244.42	146		
75.0	246.06	147		
75.5	247.70	148		
76.0	249.34	149		
76.5	250.98	150		
77.0	252.62	151		
77.5	254.27	152		
78.0	255.91	153		
78.5	257.55	154		
79.0	259.19	155		
79.5	260.83	156		
80.0	262.47	157		

### GEOVISION SUSPENSION LOGGING FIELD NOTES

SITE: EXELON VICTORIA B-2303 DATE: 11/15/07  
 CLIENT: MACTEC JOB: 7501  
 AUTHOR: C. GARTER P. STEUER 11/26/07 PAGE 7 OF 7

DEPTH METERS	DEPTH FEET	UNFILTERED FILE NO.	FILTERED FILE NO.	COMMENTS CASING, WATER, ROCK, ETC
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80.5	264.11	158		
81.0	265.75	159		
81.5	267.39	160		
82.0	269.03	161		
82.5	270.67	162		
83.0	272.31	163		
83.5	273.95	164		
84.0	275.59	165		
84.5	277.23	166		
85.0	278.87	167		
85.5	280.51	168		
86.0	282.15	169		
86.5	283.79	170		
87.0	285.43	171		
87.5	287.07	172		
88.0	288.71	173		
88.5	290.35	174		
89.0	291.99	175		
89.5	293.64	176		
90.0	295.28			Hit @ 99.6m
90.5	296.92			BOTTOM MEASUREMENT?
91.0	298.56			
91.5	300.20			
92.0	301.84			
92.5	303.48			
93.0	305.12			
93.5	306.76			
94.0	308.40			
94.5	310.04			Top @ 310'
95.0	311.68			
95.5	313.32			
96.0	314.96			
96.5	316.60			
97.0	318.24			
97.5	319.88			
98.0	321.52			
98.5	323.16			
99.0	324.80			
99.5	326.44			
100.0	328.08			



B-2303 CALIPER FIELD LOG

SITE: EXELON VICTORIA COUNTY COL DATE: 11/15/07  
CLIENT: MACTEC JOB: 7501  
AUTHOR: G. CARTER P. STENZEL 11/15/07 PAGE 1 OF 2

CONTACT: STEVE CRIZENZO OFFICE PHONE: 361-972-0198  
CELL PHONE: 919-949-1707  
CONTACT: ALLAN SHAW CELL PHONE: 301-704-2684  
PHONE: \_\_\_\_\_  
CONTACT: \_\_\_\_\_ PHONE: \_\_\_\_\_  
PHONE: \_\_\_\_\_  
CONTACT: \_\_\_\_\_ PHONE: \_\_\_\_\_  
PHONE: \_\_\_\_\_  
DRILLER: \_\_\_\_\_ PHONE: \_\_\_\_\_  
COMPANY: \_\_\_\_\_ PHONE: \_\_\_\_\_

GENERAL SITE CONDITIONS/LOCATION: \_\_\_\_\_  
\_\_\_\_\_

BOREHOLE DESIGNATION: B-2303 LOCATION: \_\_\_\_\_

COUNTY: VICTORIA RANGE: \_\_\_\_\_ TOWNSHIP: \_\_\_\_\_ SECTION: \_\_\_\_\_  
BOREHOLE CONSTRUCTION: CASED UNCASED   
DIAMETERS AND DEPTH RANGES: 5" 0 TO 310'; \_\_\_\_\_ TO \_\_\_\_\_  
BOREHOLE TOTAL DEPTH AS DRILLED: 310'  
CONDUCTOR CASING?: YES DEPTH TO BOTTOM OF CASING \_\_\_\_\_; NO   
DEPTH TO BEDROCK: NA DEPTH TO WATER TABLE: ~45'  
BOREHOLE FLUID: WATER; FRESH WATER MUD ; SALT WATER MUD \_\_\_\_\_;  
OTHER: \_\_\_\_\_  
DEPTH TO BOREHOLE FLUID: 0 TIME SINCE LAST CIRCULATION: ~3 HR

LOGGING CREW: G. CARTER P. STENZEL 11/15/07  
VEHICLE(S) USED AND MILEAGE: RENTAL  
MOBILIZED FROM: VICTORIA, TX DEPARTURE TIME: 10:00  
ARRIVED ON SITE: 10:30  
STANDBY TIME: \_\_\_\_\_ CAUSE: \_\_\_\_\_  
LOGGING STARTED: 20:36 LOGGING COMPLETED: 21:17

SITE: EXELON VICTORIA COUNTY COL B-2303 DATE: 11/15/07  
 CLIENT: MACTEC JOB: 7501  
 AUTHOR: G. GARTER - P. STELLER 11/15/07 PAGE 2 OF 2

WINCH: \_\_\_\_\_ COMPROBE \_\_\_\_\_ SILVER \_\_\_\_\_ OYO \_\_\_\_\_ RG ✓ OTHER \_\_\_\_\_  
 MICROLOGGER 5310 \_\_\_\_\_ 5772 ✓ OTHER \_\_\_\_\_  
 CALIPER PROBE 5368 ✓ OTHER \_\_\_\_\_

PROBE OFFSET	2.08M(6.82 FT) 12 IN MAX
MINUS CASING STICK-UP	<u>-1.1</u>
DEPTH REF. OFFSET AT START	<u>5.72'</u>
DEPTH REF. OFFSET AT END	<u>5.70'</u>
AFTER SURVEY DEPTH ERROR	<u>-0.02</u> LESS THAN 0.4%? <u>YES</u>

LOG NAME	START DEPTH	START TIME	END DEPTH	END TIME
B2303CALTEST01	0	20:30	0	20:30
B2303 CAL UP01	305.0'	20:45	0	21:17
B2303 CAL TEST02	0	21:22	0	21:24

CALIBRATION PLATE S/N 201		AS BUILT			PVC FITTING
		1.968 IN (50 MM)	3.937 IN (100 MM)	8.000 IN (203.2 MM)	4.507 IN (114.3 MM)
AS MEAS.	B2303CALTEST01	2.03	3.97	8.05	4.53
AS MEAS.	B2303 CALTEST02	2.02	3.94	8.02	4.51
AS MEAS.					
AS MEAS.					
AS MEAS.					
AS MEAS.					

MAINTENANCE PERFORMED ON SITE: \_\_\_\_\_

EQUIPMENT PROBLEMS OR FAILURES: \_\_\_\_\_

SUGGESTIONS, ADDITIONS, CHANGES: \_\_\_\_\_



B-2303 DEVIATION FIELD LOG

SITE: EXELON VICTORIA COUNTY COL DATE: 11/15/07  
CLIENT: MACTEC JOB: 7501  
AUTHOR: E. CARTER P. STELLER 11/20/07 PAGE 1 OF 2

CONTACT: STEVE CRISENZO OFFICE PHONE: 361-972-0198  
CELL PHONE: 919-949-1707  
CONTACT: \_\_\_\_\_ OFFICE PHONE: \_\_\_\_\_  
PHONE: \_\_\_\_\_  
CONTACT: \_\_\_\_\_ PHONE: \_\_\_\_\_  
PHONE: \_\_\_\_\_  
CONTACT: \_\_\_\_\_ PHONE: \_\_\_\_\_  
PHONE: \_\_\_\_\_  
DRILLER: \_\_\_\_\_ PHONE: \_\_\_\_\_  
COMPANY: \_\_\_\_\_ PHONE: \_\_\_\_\_

DIRECTIONS TO SITE: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

GENERAL SITE CONDITIONS/LOCATION: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

BOREHOLE DESIGNATION: 11/15/07 LOCATION: \_\_\_\_\_

COUNTY: VICTORIA RANGE: \_\_\_\_\_ TOWNSHIP: \_\_\_\_\_ SECTION: \_\_\_\_\_  
BOREHOLE CONSTRUCTION: CASED \_\_\_\_\_ UNCASD   
DIAMETERS AND DEPTH RANGES: 5" 0 TO 310'; \_\_\_\_\_ TO \_\_\_\_\_  
BOREHOLE TOTAL DEPTH AS DRILLED: 310  
CONDUCTOR CASING?: YES \_\_\_\_\_ DEPTH TO BOTTOM OF CASING \_\_\_\_\_; NO   
DEPTH TO BEDROCK: N/A DEPTH TO WATER TABLE: ~ 45'  
BOREHOLE FLUID: WATER \_\_\_\_\_; FRESH WATER MUD ; SALT WATER MUD \_\_\_\_\_;  
OTHER: \_\_\_\_\_  
DEPTH TO BOREHOLE FLUID: ∅ TIME SINCE LAST CIRCULATION: ~ 3H

GEOVision Geophysical Services 1151 Pomona Road, Unit P, Corona, CA 92882 Ph (951) 549-1234 Fx (951) 549-1236



SITE: EXELON VICTORIA COUNTY COL B-2303 DATE: 11/15/07  
 CLIENT: MACTEC JOB: 7501  
 AUTHOR: C. CARTER R. STELLER PAGE 2 OF 2

LOGGING CREW: C. CARTER R. STELLER <sup>11/15/07</sup>  
 VEHICLE(S) USED AND MILEAGE: RENTAL  
 MOBILIZED FROM: VICTORIA TX DEPARTURE TIME: 10:00  
 ARRIVED ON SITE: 10:30  
 STANDBY TIME: \_\_\_\_\_ CAUSE: \_\_\_\_\_  
 LOGGING STARTED: 21:46 LOGGING COMPLETED: 21:58

WINCH: COMPROBE \_\_\_\_\_ SILVER \_\_\_\_\_ OYO \_\_\_\_\_ RG  OTHER \_\_\_\_\_  
 MICROLOGGER 5310 \_\_\_\_\_ 5772  OTHER \_\_\_\_\_  
 TELEVIEWER 5174  OTHER \_\_\_\_\_

PROBE TILT TEST 91.2° BRUNTON TILT 91°  
 PROBE TILT TEST 12.6° BRUNTON TILT 12°  
 PROBE TILT TEST 0.2° BRUNTON TILT 0° AFTER LOG?  
 PROBE AZIMUTH TEST 94.4° BRUNTON AZIMUTH 73°  
 PROBE AZIMUTH TEST 161.5° BRUNTON AZIMUTH 161°  
 PROBE AZIMUTH TEST 53.6° BRUNTON AZIMUTH 54° AFTER LOG?

PROBE OFFSET	1.44M(4.72FT)
MINUS CASING STICK-UP	1.1'
DEPTH REF. OFFSET AT START	3.62'
DEPTH REF. OFFSET AT END	3.80'
AFTER SURVEY DEPTH ERROR	+0.10' LESS THAN 0.4%? <u>YES</u>

LOG NAME	START DEPTH	START TIME	END DEPTH	END TIME
B2303 AMP01	3050'	21:46	3.0	21:58

MAINTENANCE PERFORMED ON SITE: \_\_\_\_\_  
 EQUIPMENT PROBLEMS OR FAILURES: \_\_\_\_\_  
 SUGGESTIONS, ADDITIONS, CHANGES: \_\_\_\_\_





B-2304 BORING GEOPHYSICS FIELD LOG SUMMARY

SITE: EXELON-VICTORIA  
CLIENT: MACTEC  
AUTHOR: G. CARTER R. STEUER 11/17/07

DATE: 11/17/07  
JOB: 7501  
PAGE 1 OF 1

CONTACT: STEVE CRISENZO

PHONE: 361-972-0198

BOREHOLE CONSTRUCTION: CASED \_\_\_\_\_ UNCASD   
DIAMETERS AND DEPTH RANGES: 5" 0 TO 310' ; \_\_\_\_\_ TO \_\_\_\_\_  
BOREHOLE TOTAL DEPTH AS DRILLED: 310'  
CONDUCTOR CASING?: YES \_\_\_\_\_ DEPTH TO BOTTOM OF CASING \_\_\_\_\_; NO   
DEPTH TO BEDROCK: NA  
BOREHOLE FLUID: WATER \_\_\_\_\_; FRESH WATER MUD ; SALT WATER MUD \_\_\_\_\_

LOGGING CREW: G. Carter R. STEUER 11/17/07

LOG TYPE	FILE NAME	DEPTH RANGE	DATE	TIMES
PENIATION	B2304ANUP01	308.0' - 3.2'	11/17/07	14:41 - 14:54
SUSPENSION PS	W304_001 → 176.000	8.2' - 295.3'	"	15:12 - 16:48
ELOG TEST	B2304ELOGTEST01	φ	"	17:20 - 17:23
ELOG/GAMMA	B2304ELOGG01	309.0' - 37.0'	"	17:39 - 18:09
CALIPER TEST	B2304CALTEST01	φ	"	19:30 - 19:34
CALIPER/GAMMA	B2304CALG01	305.0' - 5.7'	11/16/07	19:45 - 20:16
CALIPER TEST	B2304CALTEST02	φ	"	20:21 - 20:23



B-2304 DEVIATION FIELD LOG

SITE: EXELON VICTORIA COUNTY COL DATE: 11/17/07  
 CLIENT: MACTEC JOB: 7501  
 AUTHOR: G. CARTER R. STEUER 11/17/07 PAGE 1 OF 2

CONTACT: STEVE CRISENZO OFFICE PHONE: 361-972-0198  
 CELL PHONE: 919-949-1707  
 CONTACT: \_\_\_\_\_ OFFICE PHONE: \_\_\_\_\_  
 PHONE: \_\_\_\_\_  
 CONTACT: \_\_\_\_\_ PHONE: \_\_\_\_\_  
 PHONE: \_\_\_\_\_  
 CONTACT: \_\_\_\_\_ PHONE: \_\_\_\_\_  
 PHONE: \_\_\_\_\_  
 DRILLER: \_\_\_\_\_ PHONE: \_\_\_\_\_  
 COMPANY: \_\_\_\_\_ PHONE: \_\_\_\_\_

DIRECTIONS TO SITE: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

GENERAL SITE CONDITIONS/LOCATION: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

BOREHOLE DESIGNATION: B-2304 LOCATION: \_\_\_\_\_

COUNTY: VICTORIA RANGE: \_\_\_\_\_ TOWNSHIP: \_\_\_\_\_ SECTION: \_\_\_\_\_

BOREHOLE CONSTRUCTION: CASED \_\_\_\_\_ UNCASED

DIAMETERS AND DEPTH RANGES: 5" 0 TO 310'; \_\_\_\_\_ TO \_\_\_\_\_

BOREHOLE TOTAL DEPTH AS DRILLED: 310'

CONDUCTOR CASING?: YES \_\_\_\_\_ DEPTH TO BOTTOM OF CASING \_\_\_\_\_; NO

DEPTH TO BEDROCK: NA DEPTH TO WATER TABLE: 245'

BOREHOLE FLUID: WATER \_\_\_\_\_; FRESH WATER MUD ; SALT WATER MUD \_\_\_\_\_

OTHER: \_\_\_\_\_

DEPTH TO BOREHOLE FLUID: Ø TIME SINCE LAST CIRCULATION: 2 1/2 HR



SITE: EXELON VICTORIA COUNTY COL B-2304 DATE: 11/17/07  
 CLIENT: MACTEC JOB: 7501  
 AUTHOR: G. CARTER R. STELLER PAGE 2 OF 2

LOGGING CREW: G. CARTER R. STELLER  
 VEHICLE(S) USED AND MILEAGE: RENTAL  
 MOBILIZED FROM: VICTORIA, TX DEPARTURE TIME: 11:30  
 ARRIVED ON SITE: 12:00  
 STANDBY TIME: \_\_\_\_\_ CAUSE: \_\_\_\_\_  
 LOGGING STARTED: 14:41 LOGGING COMPLETED: 14:54

WINCH: COMPROBE SILVER OYO RG  OTHER \_\_\_\_\_  
 MICROLOGGER 5310 5772  OTHER \_\_\_\_\_  
 TELEVIEWER 5174 OTHER

PROBE TILT TEST	<u>89.0°</u>	BRUNTON TILT	<u>89°</u>
PROBE TILT TEST	<u>7.5°</u>	BRUNTON TILT	<u>8°</u>
PROBE TILT TEST	<u>10.8°</u>	BRUNTON TILT	<u>11°</u>
PROBE AZIMUTH TEST	<u>212.4°</u>	BRUNTON AZIMUTH	<u>210°</u>
PROBE AZIMUTH TEST	<u>328.6°</u>	BRUNTON AZIMUTH	<u>327°</u>
PROBE AZIMUTH TEST	<u>286.9°</u>	BRUNTON AZIMUTH	<u>284°</u>

AFTER LOG

PROBE OFFSET	1.44M(4.72FT)
MINUS CASING STICK-UP	<u>-1.1</u>
DEPTH REF. OFFSET AT START	<u>3.72</u>
DEPTH REF. OFFSET AT END	<u>3.46</u>
AFTER SURVEY DEPTH ERROR	<u>-0.26</u> LESS THAN 0.4%? <u>YES</u>

LOG NAME	START DEPTH	START TIME	END DEPTH	END TIME
<u>B2304Auup01</u>	<u>308.0'</u>	<u>14:41</u>	<u>3.2'</u>	<u>14:54</u>

MAINTENANCE PERFORMED ON SITE: \_\_\_\_\_  
 EQUIPMENT PROBLEMS OR FAILURES: \_\_\_\_\_  
 SUGGESTIONS, ADDITIONS, CHANGES: \_\_\_\_\_



### P-S SUSPENSION VELOCITY FIELD LOG

SITE: EXELON VICTORIA B-2304 DATE: 11/17/07  
CLIENT: MACTEC JOB: 7501  
AUTHOR: C. CARTER R. STEWART 11/17/07 PAGE 1 OF 7

CONTACT: STEVE CRISENZO OFFICE PHONE: 361-972-0198  
CELL PHONE: 919-949-1707  
CONTACT: \_\_\_\_\_ OFFICE PHONE: \_\_\_\_\_  
PHONE: \_\_\_\_\_  
CONTACT: \_\_\_\_\_ PHONE: \_\_\_\_\_  
PHONE: \_\_\_\_\_  
CONTACT: \_\_\_\_\_ PHONE: \_\_\_\_\_  
PHONE: \_\_\_\_\_  
DRILLER: \_\_\_\_\_ PHONE: \_\_\_\_\_  
COMPANY: \_\_\_\_\_ PHONE: \_\_\_\_\_

DIRECTIONS TO SITE: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

GENERAL SITE CONDITIONS/LOCATION: \_\_\_\_\_  
\_\_\_\_\_

EA#: \_\_\_\_\_  
BOREHOLE DESIGNATION: B-2304 LOCATION: \_\_\_\_\_

COUNTY: VICTORIA RANGE: \_\_\_\_\_ TOWNSHIP: \_\_\_\_\_ SECTION: \_\_\_\_\_  
BOREHOLE CONSTRUCTION: CASED \_\_\_\_\_ UNCASED   
DIAMETERS AND DEPTH RANGES: 5" 0 TO 310'; \_\_\_\_\_ TO \_\_\_\_\_  
BOREHOLE TOTAL DEPTH AS DRILLED: 310'  
CONDUCTOR CASING?: YES \_\_\_\_\_ DEPTH TO BOTTOM OF CASING \_\_\_\_\_; NO   
DEPTH TO BEDROCK: NA DEPTH TO WATER TABLE: ≈45'  
BOREHOLE FLUID: WATER \_\_\_\_\_; FRESH WATER MUD ; SALT WATER MUD \_\_\_\_\_  
OTHER: \_\_\_\_\_  
DEPTH TO BOREHOLE FLUID: φ TIME SINCE LAST CIRCULATION: ≈2 HR



SITE: EXELON VICTORIA B-2304 DATE: 11/17/07  
CLIENT: MACTEC JOB: 7501  
AUTHOR: G. CARTER R. STELLER PAGE 2 OF 7

11/17/07

LOGGING CREW: G. CARTER R. STELLER  
VEHICLE(S) USED AND MILEAGE: RENTAL  
MOBILIZED FROM: Victoria, TX DEPARTURE TIME: 11:30  
ARRIVED ON SITE: 12:00  
STANDBY TIME: \_\_\_\_\_ CAUSE: \_\_\_\_\_  
LOGGING STARTED: 15:12 LOGGING COMPLETED: 16:48  
STANDBY TIME: \_\_\_\_\_ CAUSE: \_\_\_\_\_  
LOGGING STARTED: \_\_\_\_\_ LOGGING COMPLETED: \_\_\_\_\_  
DEMobilized TO: \_\_\_\_\_ ARRIVAL TIME: \_\_\_\_\_  
ADDITIONAL DEMOB TIME: \_\_\_\_\_ REASON: \_\_\_\_\_

BATTERIES CHANGED BEFORE LOGGING: YES \_\_\_\_\_; NO ; STORED WITH NEW  
WINCH \_\_\_\_\_ COMPROBE  GREY  OYO  RG  OTH   
INSTRUMENT OYO 12004  15014  19029  RG 160023  160024   
RECEIVER S/N 12008  20042  26066  11001  23053  30086

MAINTENANCE PERFORMED ON SITE: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

EQUIPMENT PROBLEMS OR FAILURES: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

SUGGESTIONS, ADDITIONS, CHANGES: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

COMMENTS: DEPTH ZERO = 2.5m - .31m (1.1') = 2.16m  
END ZERO = 2.11m  
ASDE = -0.05m

## GEOVISION SUSPENSION LOGGING FIELD NOTES

SITE: EXELON VICTORIA B-2304      DATE: 11/17/07  
 CLIENT: MACTEC      JOB: 7501  
 AUTHOR: G. CARTER - P. STELLER 11/17/07      PAGE 3 OF 7

DEPTH METERS	DEPTH FEET	UNFILTERED FILE NO.	FILTERED FILE NO.	COMMENTS CASING, WATER, ROCK, ETC
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0.5	1.64			
1.0	3.28			
1.5	4.92			
2.0	6.56			
2.5	8.20	1		
3.0	9.84	2		
3.5	11.48	3		
4.0	13.12	4		
4.5	14.76	5		
5.0	16.40	6		
5.5	18.04	7		
6.0	19.69	8		
6.5	21.33	9		
7.0	22.97	10		
7.5	24.61	11		
8.0	26.25	12		
8.5	27.89	13		
9.0	29.53	14		
9.5	31.17	15		
10.0	32.81	16		
10.5	34.45	17		
11.0	36.09	18		
11.5	37.73	19		
12.0	39.37	20		
12.5	41.01	21		
13.0	42.65	22		
13.5	44.29	23		
14.0	45.93	24		
14.5	47.57	25		
15.0	49.21	26		
15.5	50.85	27		
16.0	52.49	28		
16.5	54.13	29		
17.0	55.77	30		
17.5	57.41	31		
18.0	59.06	32		
18.5	60.70	33		
19.0	62.34	34		
19.5	63.98	35		
20.0	65.62	36		



## GEOVISION SUSPENSION LOGGING FIELD NOTES

SITE: EXELON VICTORIA B-2304

DATE: 11/17/07

CLIENT: MACTEC

JOB: 7501

AUTHOR: C. CARTER R. STEUER 11/17/07

PAGE 4 OF 7

DEPTH METERS	DEPTH FEET	UNFILTERED FILE NO.	FILTERED FILE NO.	COMMENTS CASING, WATER, ROCK, ETC
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20.5	67.26	37		
21.0	68.90	38		
21.5	70.54	39		
22.0	72.18	40		
22.5	73.82	41		
23.0	75.46	42		
23.5	77.10	43		
24.0	78.74	44		
24.5	80.38	45		
25.0	82.02	46		
25.5	83.66	47		
26.0	85.30	48		
26.5	86.94	49		
27.0	88.58	50		
27.5	90.22	51		
28.0	91.86	52		
28.5	93.50	53		
29.0	95.14	54		
29.5	96.78	55		
30.0	98.43	56		
30.5	100.07	57		
31.0	101.71	58		
31.5	103.35	59		
32.0	104.99	60		
32.5	106.63	61		
33.0	108.27	62		
33.5	109.91	63		
34.0	111.55	64		
34.5	113.19	65		
35.0	114.83	66		
35.5	116.47	67		
36.0	118.11	68		
36.5	119.75	69		
37.0	121.39	70		
37.5	123.03	71		
38.0	124.67	72		
38.5	126.31	73		
39.0	127.95	74		
39.5	129.59	75		
40.0	131.23	76		

## GEOVISION SUSPENSION LOGGING FIELD NOTES

SITE: EXELON VICTORIA B-2304 DATE: 11/12/07  
 CLIENT: MACTEC JOB: 7501  
 AUTHOR: C. CARTER R. STELLER 11/17/07 PAGE 5 OF 7

DEPTH METERS	DEPTH FEET	UNFILTERED FILE NO.	FILTERED FILE NO.	COMMENTS CASING, WATER, ROCK, ETC
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40.5	132.87	77		
41.0	134.51	78		
41.5	136.15	79		
42.0	137.80	80		
42.5	139.44	81		
43.0	141.08	82		
43.5	142.72	83		
44.0	144.36	84		
44.5	146.00	85		
45.0	147.64	86		
45.5	149.28	87		
46.0	150.92	88		
46.5	152.56	89		
47.0	154.20	90		
47.5	155.84	91		
48.0	157.48	92		
48.5	159.12	93		
49.0	160.76	94		
49.5	162.40	95		
50.0	164.04	96		
50.5	165.68	97		
51.0	167.32	98		
51.5	168.96	99		
52.0	170.60	100		
52.5	172.24	101		
53.0	173.88	102		
53.5	175.52	103		
54.0	177.17	104		
54.5	178.81	105		
55.0	180.45	106		
55.5	182.09	107		
56.0	183.73	108		
56.5	185.37	109		
57.0	187.01	110		
57.5	188.65	111		
58.0	190.29	112		
58.5	191.93	113		
59.0	193.57	114		
59.5	195.21	115		
60.0	196.85	116		

### GEOVISION SUSPENSION LOGGING FIELD NOTES

SITE: EXELON VICTORIA B-2304 DATE: 4/17/07  
 CLIENT: MACTEC JOB: 7501  
 AUTHOR: G. CARTER R. STEUER 4/17/07 PAGE 6 OF 7

DEPTH METERS	DEPTH FEET	UNFILTERED FILE NO.	FILTERED FILE NO.	COMMENTS CASING, WATER, ROCK, ETC
--------------	------------	---------------------	-------------------	-----------------------------------

60.5	198.49	117		
61.0	200.13	118		
61.5	201.77	119		
62.0	203.41	120		
62.5	205.05	121		
63.0	206.69	122		
63.5	208.33	123		
64.0	208.97	124		
64.5	211.61	125		
65.0	213.25	126		
65.5	214.90	127		
66.0	216.54	128		
66.5	218.18	129		
67.0	219.82	130		
67.5	221.46	131		
68.0	223.10	132		
68.5	224.74	133		
69.0	226.38	134		
69.5	228.02	135		
70.0	229.66	136		
70.5	231.30	137		
71.0	232.94	138		
71.5	234.58	139		
72.0	236.22	140		
72.5	237.86	141		
73.0	239.50	142		
73.5	241.14	143		
74.0	242.78	144		
74.5	244.42	145		
75.0	246.06	146		
75.5	247.70	147		
76.0	249.34	148		
76.5	250.98	149		
77.0	252.62	150		
77.5	254.27	151		
78.0	255.91	152		
78.5	257.55	153		
79.0	259.19	154		
79.5	260.83	155		
80.0	262.47	156		

### GEOVISION SUSPENSION LOGGING FIELD NOTES

SITE: EXELON VICTORIA B-2304 DATE: 11/17/07  
 CLIENT: MACTEC JOB: 7501  
 AUTHOR: G. CARTER P. STEWART 11/17/07 PAGE 7 OF 7

DEPTH METERS	DEPTH FEET	UNFILTERED FILE NO.	FILTERED FILE NO.	COMMENTS CASING, WATER, ROCK, ETC
--------------	------------	---------------------	-------------------	-----------------------------------

80.5	264.11	157		
81.0	265.75	158		
81.5	267.39	159		
82.0	269.03	160		
82.5	270.67	161		
83.0	272.31	162		
83.5	273.95	163		
84.0	275.59	164		
84.5	277.23	165		
85.0	278.87	166		
85.5	280.51	167		
86.0	282.15	168		
86.5	283.79	169		
87.0	285.43	170		
87.5	287.07	171		
88.0	288.71	172		
88.5	290.35	173		
89.0	291.99	174		
89.5	293.64	175		
90.0	295.28	176		HT BOTTOM @ 90.2m - 16:48
90.5	296.92			BOTTOM MEASUREMENT?
91.0	298.56			
91.5	300.20			
92.0	301.84			
92.5	303.48			
93.0	305.12			
93.5	306.76			
94.0	308.40			
94.5	310.04			T.O. @ 310'
95.0	311.68			
95.5	313.32			
96.0	314.96			
96.5	316.60			
97.0	318.24			
97.5	319.88			
98.0	321.52			
98.5	323.16			
99.0	324.80			
99.5	326.44			
100.0	328.08			



B-2304 ELOG FIELD LOG

SITE: EXELON VICTORIA DATE: 11/17/07  
CLIENT: MACTEC JOB: 7501  
AUTHOR: G. CARTER R. STELLER 11/17/07 PAGE 1 OF 2

CONTACT: STEVE CRISENZO OFFICE PHONE: 361-972-0198  
CELL PHONE: 919-949-1707  
CONTACT: \_\_\_\_\_ OFFICE PHONE: \_\_\_\_\_  
PHONE: \_\_\_\_\_  
CONTACT: \_\_\_\_\_ PHONE: \_\_\_\_\_  
PHONE: \_\_\_\_\_  
CONTACT: \_\_\_\_\_ PHONE: \_\_\_\_\_  
PHONE: \_\_\_\_\_  
DRILLER: \_\_\_\_\_ PHONE: \_\_\_\_\_  
COMPANY: \_\_\_\_\_ PHONE: \_\_\_\_\_

GENERAL SITE CONDITIONS/LOCATION: \_\_\_\_\_  
\_\_\_\_\_

BOREHOLE DESIGNATION: B-2304 LOCATION: \_\_\_\_\_

COUNTY: VICTORIA RANGE: \_\_\_\_\_ TOWNSHIP: \_\_\_\_\_ SECTION: \_\_\_\_\_  
BOREHOLE CONSTRUCTION: CASED \_\_\_\_\_ UNCASD   
DIAMETERS AND DEPTH RANGES: 5" 0 TO 310'; \_\_\_\_\_ TO \_\_\_\_\_  
BOREHOLE TOTAL DEPTH AS DRILLED: 310'  
CONDUCTOR CASING?: YES \_\_\_\_\_ DEPTH TO BOTTOM OF CASING \_\_\_\_\_; NO   
DEPTH TO BEDROCK: NA DEPTH TO WATER TABLE: 45'  
BOREHOLE FLUID: WATER \_\_\_\_\_; FRESH WATER MUD ; SALT WATER MUD \_\_\_\_\_;  
OTHER: \_\_\_\_\_

DEPTH TO BOREHOLE FLUID: 0 TIME SINCE LAST CIRCULATION: 23HR

LOGGING CREW: G. CARTER R. STELLER 11/17/07  
VEHICLE(S) USED AND MILEAGE: RENTAL  
MOBILIZED FROM: VICTORIA, TX DEPARTURE TIME: 11:30  
ARRIVED ON SITE: 12:00  
STANDBY TIME: \_\_\_\_\_ CAUSE: \_\_\_\_\_  
LOGGING STARTED: 12:20 LOGGING COMPLETED: 18:09

SITE: EXELON VICTORIA B-2304 DATE: 11/17/07  
 CLIENT: MACTEC JOB: 7501  
 AUTHOR: G. CARTER R. STEUER PAGE 2 OF 2

WINCH: COMPROBE \_\_\_\_\_ SILVER \_\_\_\_\_ OYO \_\_\_\_\_ RG  OTHER \_\_\_\_\_  
 MICROLOGGER 5310 \_\_\_\_\_ 5772  OTHER \_\_\_\_\_  
 ELOG PROBE 5490  OTHER \_\_\_\_\_

PROBE LENGTH	2.50M(8.20 FT)
PLUS YOKE 10.0M (32.8 FT)	+ 32.8
MINUS CASING STICK-UP	- 1.1
DEPTH REF. OFFSET AT START	39.9'
DEPTH REF. OFFSET AT END	39.9'
AFTER SURVEY DEPTH ERROR	0 LESS THAN 0.4%? <u>YES</u>

LOG NAME	START DEPTH	START TIME	END DEPTH	END TIME
B2304 ELOG TEST 01	0	17:20	0	17:25
B2304 ELOG TEST 01	309.0'	17:39	37.0'	18:09

MAINTENANCE PERFORMED ON SITE: \_\_\_\_\_  
 \_\_\_\_\_  
 EQUIPMENT PROBLEMS OR FAILURES: \_\_\_\_\_  
 \_\_\_\_\_  
 SUGGESTIONS, ADDITIONS, CHANGES: \_\_\_\_\_  
 \_\_\_\_\_





B-2304 RA3 11/17/07  
~~B-2303~~ CALIPER FIELD LOG

SITE: EXELON VICTORIA COUNTY COL DATE: 11/17/07  
CLIENT: MACTEC JOB: 7501  
AUTHOR: G. CARTER R. STELLER 11/17/07 PAGE 1 OF 2

CONTACT: STEVE CRISENZO OFFICE PHONE: 361-972-0198  
CELL PHONE: 919-949-1707  
CONTACT: ALLAN SHAW CELL PHONE: 301-704-2684  
PHONE:  
CONTACT: PHONE:  
CONTACT: PHONE:  
DRILLER: PHONE:  
COMPANY: PHONE:

GENERAL SITE CONDITIONS/LOCATION:

BOREHOLE DESIGNATION: B-2303 LOCATION:

COUNTY: VICTORIA RANGE: TOWNSHIP: SECTION:  
BOREHOLE CONSTRUCTION: CASED UNCASED ✓  
DIAMETERS AND DEPTH RANGES: 5" 0 TO 310' 310'; RA3 11/17/07 TO  
BOREHOLE TOTAL DEPTH AS DRILLED: 310'  
CONDUCTOR CASING?: YES DEPTH TO BOTTOM OF CASING; NO ✓  
DEPTH TO BEDROCK: NA DEPTH TO WATER TABLE: 245'  
BOREHOLE FLUID: WATER; FRESH WATER MUD ✓; SALT WATER MUD;  
OTHER:  
DEPTH TO BOREHOLE FLUID: 0 TIME SINCE LAST CIRCULATION: 24 HR

LOGGING CREW: G. CARTER R. STELLER 11/17/07  
VEHICLE(S) USED AND MILEAGE: RENTAL  
MOBILIZED FROM: VICTORIA, TX DEPARTURE TIME: 11:30  
ARRIVED ON SITE: 12:00  
STANDBY TIME: CAUSE:  
LOGGING STARTED: 1:30 LOGGING COMPLETED: 20:23

SITE: EXELON VICTORIA COUNTY COL B-2304 DATE: 11/17/07  
 CLIENT: MACTEC JOB: 7501  
 AUTHOR: G. CARTER R. STEUER 11/17/07 PAGE 2 OF 2

WINCH: \_\_\_\_\_ COMPROBE \_\_\_\_\_ SILVER \_\_\_\_\_ OYO \_\_\_\_\_ RG  OTHER \_\_\_\_\_  
 MICROLOGGER 5310 \_\_\_\_\_ 5772  OTHER \_\_\_\_\_  
 CALIPER PROBE 5368  OTHER \_\_\_\_\_

PROBE OFFSET	2.08M(6.82 FT) 12 IN MAX
MINUS CASING STICK-UP	-1.1'
DEPTH REF. OFFSET AT START	5.72'
DEPTH REF. OFFSET AT END	5.65'
AFTER SURVEY DEPTH ERROR	-0.07' LESS THAN 0.4%? <u>YES</u>

LOG NAME	START DEPTH	START TIME	END DEPTH	END TIME
B2304 CALTEST01	∅	19:30	∅	19:34
B2304 CALUP01	305.0'	19:45	5.65	20:16
B2304 CALTEST02	∅	20:21	∅	20:23

CALIBRATION PLATE S/N 201		AS BUILT			PVC FITTING
		1.968 IN (50 MM)	3.937 IN (100 MM)	8.000 IN (203.2 MM)	4.507 IN (114.3 MM)
AS MEAS.	B2304 CALTEST01	2.02	3.93	8.02	4.55
AS MEAS.	B2304 CALTEST02	2.02	3.91	8.04	4.53
AS MEAS.					
AS MEAS.					
AS MEAS.					
AS MEAS.					

MAINTENANCE PERFORMED ON SITE: \_\_\_\_\_

EQUIPMENT PROBLEMS OR FAILURES: \_\_\_\_\_

SUGGESTIONS, ADDITIONS, CHANGES: \_\_\_\_\_



B-2305 BORING GEOPHYSICS FIELD LOG SUMMARY

SITE: EXELON-VICTORIA  
CLIENT: MACTEC  
AUTHOR: C. CARTER R. STELLER 11/18/07

DATE: 11/18/07  
JOB: 7501  
PAGE 1 OF 1

CONTACT: STEVE CRISENZO

PHONE: 361-972-0198

BOREHOLE CONSTRUCTION: CASED \_\_\_\_\_ UNCASD   
DIAMETERS AND DEPTH RANGES: 5" 0 TO 305'; \_\_\_\_\_ TO \_\_\_\_\_  
BOREHOLE TOTAL DEPTH AS DRILLED: 305'  
CONDUCTOR CASING?: YES \_\_\_\_\_ DEPTH TO BOTTOM OF CASING \_\_\_\_\_; NO   
DEPTH TO BEDROCK: NA  
BOREHOLE FLUID: WATER \_\_\_\_\_; FRESH WATER MUD ; SALT WATER MUD \_\_\_\_\_

LOGGING CREW: C. Carter 11/18/07

LOG TYPE	FILE NAME	DEPTH RANGE	DATE	TIMES
ELC TEST	B2305ELC01	∅	11/18/07	15:15 - 15:17
ELC/GAMMA	B2305ELC01	255.4 - 40.0	"	16:00 - 16:21
SUSPENSION PS	V305_001-131.ORG	6.6 - 219.8	"	16:30 - 17:50
CALIPER TEST	B2305CAL01	∅	"	18:05 - 18:07
CALIPER/GAMMA	B2305CAL01	230.0' - 5.1'	"	18:19 - 18:42
CALIPER TEST	B2305CAL02	∅	"	18:50 - 18:52



B-2305 ELOG FIELD LOG

SITE: EXELON VICTORIA DATE: 11/18/07  
CLIENT: MACTEC JOB: 7501  
AUTHOR: G. CARTER R. STELLER 11/18/07 PAGE 1 OF 2

CONTACT: STEVE CRIZENZO OFFICE PHONE: 361-972-0198  
CELL PHONE: 919-949-1707  
CONTACT: \_\_\_\_\_ OFFICE PHONE: \_\_\_\_\_  
PHONE: \_\_\_\_\_  
CONTACT: \_\_\_\_\_ PHONE: \_\_\_\_\_  
PHONE: \_\_\_\_\_  
CONTACT: \_\_\_\_\_ PHONE: \_\_\_\_\_  
PHONE: \_\_\_\_\_  
DRILLER: \_\_\_\_\_ PHONE: \_\_\_\_\_  
COMPANY: \_\_\_\_\_ PHONE: \_\_\_\_\_

GENERAL SITE CONDITIONS/LOCATION: \_\_\_\_\_  
\_\_\_\_\_

BOREHOLE DESIGNATION: B-2305 LOCATION: \_\_\_\_\_

COUNTY: VICTORIA RANGE: \_\_\_\_\_ TOWNSHIP: \_\_\_\_\_ SECTION: \_\_\_\_\_  
BOREHOLE CONSTRUCTION: CASED \_\_\_\_\_ UNCASD   
DIAMETERS AND DEPTH RANGES: 5" 0 TO 305'; \_\_\_\_\_ TO \_\_\_\_\_  
BOREHOLE TOTAL DEPTH AS DRILLED: 305'  
CONDUCTOR CASING?: YES \_\_\_\_\_ DEPTH TO BOTTOM OF CASING \_\_\_\_\_; NO \_\_\_\_\_  
DEPTH TO BEDROCK: NA DEPTH TO WATER TABLE: 245'  
BOREHOLE FLUID: WATER \_\_\_\_\_; FRESH WATER MUD ; SALT WATER MUD \_\_\_\_\_  
OTHER: \_\_\_\_\_  
DEPTH TO BOREHOLE FLUID: φ TIME SINCE LAST CIRCULATION: 1/2 HR

LOGGING CREW: G. CARTER R. STELLER 11/18/07  
VEHICLE(S) USED AND MILEAGE: RENTAL  
MOBILIZED FROM: VICTORIA, TX DEPARTURE TIME: 09:30  
ARRIVED ON SITE: 10:00  
STANDBY TIME: \_\_\_\_\_ CAUSE: \_\_\_\_\_  
LOGGING STARTED: 16:15 LOGGING COMPLETED: 16:21

SITE: EXELON VICTORIA B-2305 DATE: 11/18/07  
 CLIENT: MACTEC JOB: 7501  
 AUTHOR: G. CARTER 11/18/07 L. STEWART PAGE 2 OF 2

WINCH: \_\_\_\_\_ COMPROBE \_\_\_\_\_ SILVER \_\_\_\_\_ OYO \_\_\_\_\_ RG  OTHER \_\_\_\_\_  
 MICROLOGGER 5310 \_\_\_\_\_ 5772  OTHER \_\_\_\_\_  
 ELOG PROBE 5490  OTHER \_\_\_\_\_

PROBE LENGTH	2.50M(8.20 FT)
PLUS YOKE 10.0M (32.8 FT)	+ 32.8
MINUS CASING STICK-UP	- 1.7
DEPTH REF. OFFSET AT START	39.3
DEPTH REF. OFFSET AT END	38.2
AFTER SURVEY DEPTH ERROR	- 0.1
	LESS THAN 0.4%? <u>YES</u>

LOG NAME	START DEPTH	START TIME	END DEPTH	END TIME
B2305 ELOG TEX 01	0	15:15	0	15:17
B2305 ELOG UR 01	235.4	16:00	40.0	16:21

MAINTENANCE PERFORMED ON SITE: \_\_\_\_\_

EQUIPMENT PROBLEMS OR FAILURES: \_\_\_\_\_

SUGGESTIONS, ADDITIONS, CHANGES: \_\_\_\_\_



### P-S SUSPENSION VELOCITY FIELD LOG

SITE: EXELON VICTORIA B-2305 DATE: 11/18/07  
 CLIENT: MACTEC JOB: 7501  
 AUTHOR: G. CARTER P. STELLER 11/18/07 PAGE 1 OF 7 (6) Pgs 11/18/07

CONTACT: STEVE CRISENZO OFFICE PHONE: 361-972-0198  
 CELL PHONE: 919-949-1707  
 CONTACT: \_\_\_\_\_ OFFICE PHONE: \_\_\_\_\_  
 PHONE: \_\_\_\_\_  
 CONTACT: \_\_\_\_\_ PHONE: \_\_\_\_\_  
 PHONE: \_\_\_\_\_  
 CONTACT: \_\_\_\_\_ PHONE: \_\_\_\_\_  
 PHONE: \_\_\_\_\_  
 DRILLER: \_\_\_\_\_ PHONE: \_\_\_\_\_  
 COMPANY: \_\_\_\_\_ PHONE: \_\_\_\_\_

DIRECTIONS TO SITE: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

GENERAL SITE CONDITIONS/LOCATION: \_\_\_\_\_  
 \_\_\_\_\_

EA#: \_\_\_\_\_  
 BOREHOLE DESIGNATION: B-2305 LOCATION: \_\_\_\_\_

COUNTY: VICTORIA RANGE: \_\_\_\_\_ TOWNSHIP: \_\_\_\_\_ SECTION: \_\_\_\_\_  
 BOREHOLE CONSTRUCTION: CASED \_\_\_\_\_ UNCASD   
 DIAMETERS AND DEPTH RANGES: 5" 0 TO 305'; \_\_\_\_\_ TO \_\_\_\_\_  
 BOREHOLE TOTAL DEPTH AS DRILLED: 305  
 CONDUCTOR CASING?: YES \_\_\_\_\_ DEPTH TO BOTTOM OF CASING \_\_\_\_\_; NO \_\_\_\_\_  
 DEPTH TO BEDROCK: NA DEPTH TO WATER TABLE: 45  
 BOREHOLE FLUID: WATER \_\_\_\_\_; FRESH WATER MUD ; SALT WATER MUD \_\_\_\_\_  
 OTHER: \_\_\_\_\_  
 DEPTH TO BOREHOLE FLUID: 0 TIME SINCE LAST CIRCULATION: \_\_\_\_\_





SITE: EXELON VICTORIA B-2305 DATE: 11/18/07  
 CLIENT: MACTEC JOB: 7501  
 AUTHOR: G. CARTER R. STEUER PAGE 2 OF 6

11/18/07

LOGGING CREW: G. CARTER R. STEUER  
 VEHICLE(S) USED AND MILEAGE: RENTAL  
 MOBILIZED FROM: Victoria, TX DEPARTURE TIME: 09:30  
 ARRIVED ON SITE: 10:00  
 STANDBY TIME: \_\_\_\_\_ CAUSE: \_\_\_\_\_  
 LOGGING STARTED: 16:30 LOGGING COMPLETED: 17:50  
 STANDBY TIME: \_\_\_\_\_ CAUSE: \_\_\_\_\_  
 LOGGING STARTED: \_\_\_\_\_ LOGGING COMPLETED: \_\_\_\_\_  
 DEMOBILIZED TO: \_\_\_\_\_ ARRIVAL TIME: \_\_\_\_\_  
 ADDITIONAL DEMOB TIME: \_\_\_\_\_ REASON: \_\_\_\_\_

BATTERIES CHANGED BEFORE LOGGING: YES \_\_\_\_\_; NO ; STORED WITH NEW \_\_\_\_\_  
 WINCH \_\_\_\_\_ COMPROBE  GREY  OYO  RG  OTH   
 INSTRUMENT OYO 12004  15014  19029  RG 160023  160024   
 RECEIVER S/N 12008  20042  26066  11001  23053  30086

MAINTENANCE PERFORMED ON SITE: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

EQUIPMENT PROBLEMS OR FAILURES: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

SUGGESTIONS, ADDITIONS, CHANGES: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

COMMENTS: DEPTH ZERO = 2.5m - .5 (1.7') = 2.0m  
END ZERO = 1.92  
ADP = -0.08

### GEOVISION SUSPENSION LOGGING FIELD NOTES

SITE: EXELON VICTORIA B-2305 DATE: 11/18/07  
 CLIENT: MACTEC JOB: 7501  
 AUTHOR: G. CARTER R. SEELWITZ 11/18/07 PAGE 3 OF 6

DEPTH METERS	DEPTH FEET	UNFILTERED FILE NO.	FILTERED FILE NO.	COMMENTS CASING, WATER, ROCK, ETC
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0.5	1.64			
1.0	3.28			
1.5	4.92			
2.0	6.56	001		
2.5	8.20	2		
3.0	9.84	3		
3.5	11.48	4		
4.0	13.12	5		
4.5	14.76	6		
5.0	16.40	7		
5.5	18.04	8		
6.0	19.69	9		
6.5	21.33	10		
7.0	22.97	11		
7.5	24.61	12		
8.0	26.25	13		
8.5	27.89	14		
9.0	29.53	15		
9.5	31.17	16		
10.0	32.81	17		
10.5	34.45	18		
11.0	36.09	19		
11.5	37.73	20		
12.0	39.37	21		
12.5	41.01	22		
13.0	42.65	23		
13.5	44.29	24		
14.0	45.93	25		
14.5	47.57	26		
15.0	49.21	27		
15.5	50.85	28		
16.0	52.49	29		
16.5	54.13	30		
17.0	55.77	31		
17.5	57.41	32		
18.0	59.06	33		
18.5	60.70	34		
19.0	62.34	35		
19.5	63.98	36		
20.0	65.62	37		

## GEOVISION SUSPENSION LOGGING FIELD NOTES

SITE: EXELON VICTORIA B-2305 DATE: 4/18/07  
 CLIENT: MACTEC JOB: 7501  
 AUTHOR: C. CARTER R. STELWA 1/12/07 PAGE 4 OF 6

DEPTH METERS	DEPTH FEET	UNFILTERED FILE NO.	FILTERED FILE NO.	COMMENTS CASING, WATER, ROCK, ETC
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20.5	67.26	38		
21.0	68.90	39		
21.5	70.54	40		
22.0	72.18	41		
22.5	73.82	42		
23.0	75.46	43		
23.5	77.10	44		
24.0	78.74	45		
24.5	80.38	46		
25.0	82.02	47		
25.5	83.66	48		
26.0	85.30	49		
26.5	86.94	50		
27.0	88.58	51		
27.5	90.22	52		
28.0	91.86	53		
28.5	93.50	54		
29.0	95.14	55		
29.5	96.78	56		
30.0	98.43	57		
30.5	100.07	58		
31.0	101.71	59		
31.5	103.35	60		
32.0	104.99	61		
32.5	106.63	62		
33.0	108.27	63		
33.5	109.91	64		
34.0	111.55	65		
34.5	113.19	66		
35.0	114.83	67		
35.5	116.47	68		
36.0	118.11	69		
36.5	119.75	70		
37.0	121.39	71		
37.5	123.03	72		
38.0	124.67	73		
38.5	126.31	74		
39.0	127.95	75		
39.5	129.59	76		
40.0	131.23	77		

## GEOVISION SUSPENSION LOGGING FIELD NOTES

SITE: EXELON VICTORIA B-2305

DATE: 11/18/07

CLIENT: MACTEC

JOB: 7501

AUTHOR: C. CARTER R. STEWEE 11/18/07

PAGE 5 OF 6

DEPTH METERS	DEPTH FEET	UNFILTERED FILE NO.	FILTERED FILE NO.	COMMENTS CASING, WATER, ROCK, ETC
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40.5	132.87	78		
41.0	134.51	79		
41.5	136.15	80		
42.0	137.80	81		
42.5	139.44	82		
43.0	141.08	83		
43.5	142.72	84		
44.0	144.36	85		
44.5	146.00	86		
45.0	147.64	87		
45.5	149.28	88		
46.0	150.92	89		
46.5	152.56	90		
47.0	154.20	91		
47.5	155.84	92		
48.0	157.48	93		
48.5	159.12	94		
49.0	160.76	95		
49.5	162.40	96		
50.0	164.04	97		
50.5	165.68	98		
51.0	167.32	99		
51.5	168.96	100		
52.0	170.60	101		
52.5	172.24	102		
53.0	173.88	103		
53.5	175.52	104		
54.0	177.17	105		
54.5	178.81	106		
55.0	180.45	107		
55.5	182.09	108		
56.0	183.73	109		
56.5	185.37	110		
57.0	187.01	111		
57.5	188.65	112		
58.0	190.29	113		
58.5	191.93	114		
59.0	193.57	115		
59.5	195.21	116		
60.0	196.85	117		

### GEOVISION SUSPENSION LOGGING FIELD NOTES

SITE: EXELON VICTORIA B-2305

DATE: 11/18/07

CLIENT: MACTEC

JOB: 7501

AUTHOR: G. GARTER R. STELLER 11/18/07

PAGE 6 OF 6

DEPTH METERS	DEPTH FEET	UNFILTERED FILE NO.	FILTERED FILE NO.	COMMENTS CASING, WATER, ROCK, ETC
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60.5	198.49	116		
61.0	200.13	119		
61.5	201.77	120		
62.0	203.41	121		
62.5	205.05	122		
63.0	206.69	123		
63.5	208.33	124		
64.0	209.97	125		
64.5	211.61	126		
65.0	213.25	127		
65.5	214.90	128		
66.0	216.54	129		
66.5	218.18	130		
67.0	219.82	131		Hit @ 67.1 m @ 12:47 Bottom measurement?
67.5	221.46			
68.0	223.10			
68.5	224.74			
69.0	226.38			
69.5	228.02			
70.0	229.66			
70.5	231.30			
71.0	232.94			
71.5	234.58			Gravel @ 235'?
72.0	236.22			
72.5	237.86			
73.0	239.50			
73.5	241.14			
74.0	242.78			
74.5	244.42			
75.0	246.06			
75.5	247.70			
76.0	249.34			
76.5	250.98			
77.0	252.62			
77.5	254.27			
78.0	255.91			
78.5	257.55			
79.0	259.19			
79.5	260.83			
80.0	262.47			