

P-S FIELD LOG REV V1.31a

3-6100H **GEOVISION SUSPENSION LOGGING FIELD NOTES**

SITE\*: Turkey Point NPP DATE\*: 4/2/08  
 CLIENT\*: MACTEC JOB\*: 8083  
 AUTHOR\*: C. Carter PAGE\* 5 OF 6

ITEMS WITH \* MUST BE COMPLETED. OTHER INFORMATION IS OPTIONAL

DEPTH METERS	DEPTH FEET	UNFILTERED FILE NO*.	FILTERED FILE NO* (if any)	COMMENTS CASING, WATER, ROCK, ETC
41.5	136.15	19		
42.0	137.80	20		
42.5	139.44	21		
43.0	141.08	22		
43.5	142.72	23		
44.0	144.36	24		
44.5	146.00	25		
45.0	147.64	26		
45.5	149.28	27		
46.0	150.92	28		
46.5	152.56	29		
47.0	154.20	30		
47.5	155.84	31		
48.0	157.48	32		
48.5	159.12	33		
49.0	160.76	34		
49.5	162.40	35		
50.0	164.04	36		
50.5	165.68	37		
51.0	167.32	38		
51.5	168.96	39		
52.0	170.60	40		
52.5	172.24	41		
53.0	173.88	42		
53.5	175.52	43		
54.0	177.17	44		
54.5	178.81	45		
55.0	180.45	46		
55.5	182.09	47		
56.0	183.73	48		
56.5	185.37	49		
57.0	187.01	50		
57.5	188.65	51		
58.0	190.29	52		
58.5	191.93	53		
59.0	193.57	54		
59.5	195.21	55		
60.0	196.85	56		
60.5	198.49	56 c.c. 4/2/08 57		
61.0	200.13	58		
61.5	201.77	59		

P-S FIELD LOG REV V1.31a

B-610066 **GEOVISION SUSPENSION LOGGING FIELD NOTES**

SITE\*: Turkey Point NPP DATE\*: 9/2/08  
 CLIENT\*: MACTEC JOB\*: 8083  
 AUTHOR\*: C. Carter PAGE\* 6 OF 6

ITEMS WITH \* MUST BE COMPLETED. OTHER INFORMATION IS OPTIONAL

DEPTH METERS	DEPTH FEET	UNFILTERED FILE NO*	FILTERED FILE NO* (if any)	COMMENTS CASING, WATER, ROCK, ETC
62.0	203.41	60		
62.5	205.05	61		
63.0	206.69	62		
63.5	208.33	63		
64.0	209.97	64		
64.5	211.61	65		
65.0	213.25	66		
65.5	214.90	67		
66.0	216.54	68		
66.5	218.18	69		
67.0	219.82	70		
67.5	221.46	71		
68.0	223.10	72		
68.5	224.74	73		
69.0	226.38	74		
69.5	228.02	75		
70.0	229.66	76		
70.5	231.30	77		
71.0	232.94	78		
71.5	234.58	79		
72.0	236.22	80		
72.5	237.86	81		
73.0	239.50	82		
73.5	241.14	83		
74.0	242.78	84		
74.5	244.42	85		
75.0	246.06	86		
75.5	247.70	87		
76.0	249.34	88		
76.5	250.98	89		1:27 pm
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			
80.5	264.11			
81.0	265.75			
81.5	267.39			
82.0	269.03			

ACOUSTIC TELEVIEWER LOG COVER 1.0a.pdf



B-610D<sup>H</sup> ACOUSTIC TELEVIEWER FIELD LOG Rev 1.0a

Borehole\*

SITE\*: Turkey Point NPP DATE\*: 4/2/08  
CLIENT\*: MACTEC JOB\*: 8083  
AUTHOR\*: C. Carter PAGE 1 OF 2

CONTACT: PHONE: Off Cell

CONTACT: PHONE: Off Cell

CONTACT: PHONE: Off Cell

DRILLER PHONE: Off Cell  
COMPANY:

GENERAL SITE CONDITIONS/LOCATION:

COUNTY: Miami-Dade RANGE: TOWNSHIP: SECTION:  
BOREHOLE CONSTRUCTION: CASED UNCASED X  
DIAMETERS AND DEPTH RANGES: 4" 0 TO 105 ft ; 3 7/8" 105 TO 269 ft

BOREHOLE TOTAL DEPTH AS DRILLED\*: 269 ft

SURFACE CASING?: YES X DEPTH TO BOTTOM OF CASING 105' ; NO  
DEPTH TO BEDROCK: 3 ft DEPTH TO WATER TABLE: 21 ft  
BOREHOLE FLUID: WATER ; FRESH WATER MUD X ; SALT WATER MUD  
OTHER:  
DEPTH TO BOREHOLE FLUID: 6 TIME SINCE LAST CIRCULATION: 11 am

LOGGING CREW: C. Carter  
VEHICLE(S) USED AND MILEAGE:  
MOBILIZED FROM: Florida City DEPARTURE TIME: 6:43 am  
ARRIVED ON SITE: 7 am  
STANDBY TIME: CAUSE:

ITEMS WITH \* MUST BE COMPLETED. OTHER INFORMATION IS OPTIONAL



B-610dH ACOUSTIC TELEVIEWER FIELD LOG Rev 1.0a

Borehole\*

SITE\*: Turkey Point NPP DATE\*: 4/2/08  
 CLIENT\*: MACTEC JOB\*: 8083  
 AUTHOR\*: C. Carter PAGE 2 OF 2

WINCH: \_\_\_\_\_ COMPROBE \_\_\_\_\_ SILVER  OYO \_\_\_\_\_ OTHER \_\_\_\_\_  
 MICROLOGGER\* 5310 \_\_\_\_\_ 5772   
 TELEVIEWER\* ACOUSTIC #5174  OTHER \_\_\_\_\_  
 SHEAVE\* COMPROBE \_\_\_\_\_ OYO 101 \_\_\_\_\_ 102  103 \_\_\_\_\_ RG \_\_\_\_\_

- 1 PROBE TILT TEST\* 37.65 BRUNTON TILT\* 38
- 2 PROBE TILT TEST\* 90.66 BRUNTON TILT\* 90
- 3 PROBE TILT TEST\* 80 BRUNTON TILT\* 8 AFTER LOG\* yes
- 1 PROBE AZIMUTH TEST\* 246.2 BRUNTON AZIMUTH\* 242
- 2 PROBE AZIMUTH TEST\* 184.9 BRUNTON AZIMUTH\* 183
- 3 PROBE AZIMUTH TEST\* 262.5 BRUNTON AZIMUTH\* 260 AFTER LOG\* yes

PROBE OFFSET*	1.44M(4.72FT)	} REF TO GROUND SURFACE
MINUS CASING STICK-UP*	1.08	
DEPTH REF. OFFSET AT START*	3.64	
DEPTH REF. OFFSET AT END*	3.63	
AFTER SURVEY DEPTH ERROR*	.01	

LOG NAME*	START DEPTH*	START TIME	END DEPTH*	END TIME
<u>B610dH ACP01</u>	<u>252.2 ft</u>	<u>2:21 pm</u>	<u>107.3 ft</u>	<u>2:30 pm</u>

MAINTENANCE PERFORMED ON SITE\*: N/A (N/A if none)

EQUIPMENT PROBLEMS OR FAILURES\*: N/A (N/A if none)

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

ITEMS WITH \* MUST BE COMPLETED. OTHER INFORMATION IS OPTIONAL

CALIPER FIELD LOG REV 1.1a PDF



B-6600H CALIPER FIELD LOG

Borehole\*

SITE\*: Turkey Point NPP DATE\*: 4/2/08  
CLIENT\*: MACTEC JOB\*: 8083  
AUTHOR\*: C. Carter PAGE: 1 OF 2

CONTACT: \_\_\_\_\_ PHONE: Off Cell

CONTACT: \_\_\_\_\_ PHONE: Off Cell

CONTACT: \_\_\_\_\_ PHONE: Off Cell

DRILLER \_\_\_\_\_ PHONE: Off Cell  
COMPANY: \_\_\_\_\_

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

COUNTY: \_\_\_\_\_ RANGE: \_\_\_\_\_ TOWNSHIP: \_\_\_\_\_ SECTION: \_\_\_\_\_  
BOREHOLE CONSTRUCTION: CASED \_\_\_\_\_ UNCASD   
DIAMETERS AND DEPTH RANGES: 4" 0 TO 105 ft; 3 7/8" 105 TO 269 ft

BOREHOLE TOTAL DEPTH AS DRILLED\*: 269 ft

SURFACE CASING?: YES  DEPTH TO BOTTOM OF CASING 105'/20'; NO \_\_\_\_\_  
DEPTH TO BEDROCK: ~3 ft DEPTH TO WATER TABLE: ~1 ft  
BOREHOLE FLUID: WATER \_\_\_\_\_; FRESH WATER MUD ; SALT WATER MUD \_\_\_\_\_;  
OTHER: \_\_\_\_\_  
DEPTH TO BOREHOLE FLUID: ∅ TIME SINCE LAST CIRCULATION: 1 hr

LOGGING CREW: C. Carter  
VEHICLE(S) USED AND MILEAGE: \_\_\_\_\_  
MOBILIZED FROM: Florida City, FL DEPARTURE TIME: 6:45 am  
ARRIVED ON SITE: 7 am  
STANDBY TIME: \_\_\_\_\_ CAUSE: \_\_\_\_\_

ITEMS WITH \* MUST BE COMPLETED. OTHER INFORMATION IS OPTIONAL



B-6LDDH CALIPER FIELD LOG  
 Borehole\*

SITE\*: Turkey Point NPP DATE\*: 4/2/08  
 CLIENT\*: MACTEC JOB\*: 8083  
 AUTHOR\*: C. Carter PAGE: PAGE 2 OF 2

WINCH: COMPROBE SILVER  OYO \_\_\_\_\_ RG \_\_\_\_\_ OTHER \_\_\_\_\_  
 MICROLOGGER\* 5310  5772  OTHER \_\_\_\_\_  
 CALIPER PROBE\* 5368  OTHER \_\_\_\_\_  
 SHEAVE\* COMPROBE  OYO 10'  10'  10' \_\_\_\_\_ RG

PROBE OFFSET	2.08M(6.82 FT)	12 IN MAX
MINUS CASING STICK-UP*	<u>1.08</u>   <u>1.5</u>	REF TO GROUND SURFACE
DEPTH REF. OFFSET AT START*	<u>5.74</u>   <u>5.32</u>	
DEPTH REF. OFFSET AT END*	<u>5.75</u>   <u>5.30</u>	
AFTER SURVEY DEPTH ERROR*	<u>.01</u>   <u>.02</u>	

LOG NAME*	START DEPTH*	START TIME*	END DEPTH*	END TIME*
B610DHICALTEST01		2:49		2:50 pm
B610DHICALUP01	256.15'	3:06	98.7ft	3:21 pm
B610DHICALTEST02		3:36		3:37
B610DHICALUP02	111.45	4:12	14.7ft	4:22 pm
B610DHICALTEST03		4:31		4:32 pm

CALIBRATION PLATE S/N 201

FILE NAME	AS BUILT			PVC FITTING
	1.968 IN (50 MM)	3.937 IN (100 MM)	8.000 IN (203.2 MM)	<u>4.507 IN</u>
AS MEAS.* B610DHICALTEST01	1.99	3.908	8.03	4.502
AS MEAS.* B610DHICALTEST02	1.97	3.940	7.99	4.502
AS MEAS. B610DHICALTEST03	1.961	3.908	8.01	4.502
AS MEAS.				
AS MEAS.				
AS MEAS.				

4.510 cc 4/2/08

MAINTENANCE PERFORMED ON SITE\*: N/A (N/A if none)

EQUIPMENT PROBLEMS OR FAILURES\*: N/A (N/A if none)

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

ITEMS WITH \* MUST BE COMPLETED. OTHER INFORMATION IS OPTIONAL.

ACOUSTIC TELEVIEWER LOG COVER 1.0a.pdf



B-61074 ACOUSTIC TELEVIEWER FIELD LOG Rev 1.0a

Borehole\*

SITE\*: Turkey Point NPP DATE\*: 4/2/08  
CLIENT\*: MACTEC JOB\*: 8083  
AUTHOR\*: C. Carter PAGE 1 OF 2

CONTACT: \_\_\_\_\_ PHONE: Off Cell

CONTACT: \_\_\_\_\_ PHONE: Off Cell

CONTACT: \_\_\_\_\_ PHONE: Off Cell

DRILLER \_\_\_\_\_ PHONE: Off Cell

COMPANY: \_\_\_\_\_

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

COUNTY: Miami-Dade RANGE: \_\_\_\_\_ TOWNSHIP: \_\_\_\_\_ SECTION: \_\_\_\_\_  
BOREHOLE CONSTRUCTION: CASED \_\_\_\_\_ UNCASED   
DIAMETERS AND DEPTH RANGES: 4" 0 TO 105 ; 3 3/8" 105 TO 269 ft

BOREHOLE TOTAL DEPTH AS DRILLED\*: 269 ft

SURFACE CASING?: YES  DEPTH TO BOTTOM OF CASING 20 ft ; NO \_\_\_\_\_  
DEPTH TO BEDROCK: ~3 ft DEPTH TO WATER TABLE: ~1 ft  
BOREHOLE FLUID: WATER \_\_\_\_\_ ; FRESH WATER MUD  ; SALT WATER MUD \_\_\_\_\_  
OTHER: \_\_\_\_\_  
DEPTH TO BOREHOLE FLUID: Ø TIME SINCE LAST CIRCULATION: None

LOGGING CREW: C. Carter  
VEHICLE(S) USED AND MILEAGE: \_\_\_\_\_  
MOBILIZED FROM: Florida City DEPARTURE TIME: 6:45am  
ARRIVED ON SITE: 7am  
STANDBY TIME: \_\_\_\_\_ CAUSE: \_\_\_\_\_

ITEMS WITH \* MUST BE COMPLETED. OTHER INFORMATION IS OPTIONAL



B-610 Dtt ACOUSTIC TELEVIEWER FIELD LOG Rev 1.0a

Borehole\*

SITE\*: Turkey Point NPP DATE\*: 4/2/08  
 CLIENT\*: MACTEC JOB\*: 8083  
 AUTHOR\*: C. Carter PAGE: 2 OF 2

WINCH: COMPROBE \_\_\_\_\_ SILVER X OYO \_\_\_\_\_ OTHER \_\_\_\_\_  
 MICROLOGGER\* 5310 \_\_\_\_\_ 5772 X \_\_\_\_\_  
 TELEVIEWER\* ACOUSTIC #5174 X OTHER \_\_\_\_\_  
 SHEAVE\* COMPROBE \_\_\_\_\_ OYO 101 \_\_\_\_\_ 102 d 103 \_\_\_\_\_ RG \_\_\_\_\_

1 PROBE TILT TEST\* 36.5 BRUNTON TILT\* 36  
 2 PROBE TILT TEST\* 89.27 BRUNTON TILT\* 89  
 3 PROBE TILT TEST\* 3.80 BRUNTON TILT\* 4 AFTER LOG\* yes  
 1 PROBE AZIMUTH TEST\* 253.4 BRUNTON AZIMUTH\* 252  
 2 PROBE AZIMUTH TEST\* 176.7 BRUNTON AZIMUTH\* 180  
 3 PROBE AZIMUTH TEST\* 250.5 BRUNTON AZIMUTH\* 250 AFTER LOG\* yes

PROBE OFFSET*	1.44M(4.72FT)	} REF TO GROUND SURFACE
MINUS CASING STICK-UP*	<u>1.5</u>	
DEPTH REF. OFFSET AT START*	<u>3.22</u>	
DEPTH REF. OFFSET AT END*	<u>3.17</u>	
AFTER SURVEY DEPTH ERROR*	<u>.05</u>	

LOG NAME*	START DEPTH*	START TIME	END DEPTH*	END TIME
<u>B610Dtt40002</u>	<u>120.9 ft</u>	<u>6:55pm</u>	<u>19 ft</u>	<u>7:21pm</u>

MAINTENANCE PERFORMED ON SITE\*: N/A (N/A if none)

EQUIPMENT PROBLEMS OR FAILURES\*: N/A (N/A if none)

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

ITEMS WITH \* MUST BE COMPLETED. OTHER INFORMATION IS OPTIONAL.

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





B-620DH BORING GEOPHYSICS FIELD LOG SUMMARY

Borehole\*  
 SITE\*: Turkey Point NPP DATE\*: 3/21/08, 3/23/08  
 CLIENT\*: MACTEC JOB\*: 8083  
 AUTHOR\*: C. Carter PAGE\*: 1 OF 1

CONTACT: \_\_\_\_\_ PHONE: \_\_\_\_\_

BOREHOLE CONSTRUCTION: CASED \_\_\_\_\_ UNCASD   
 DIAMETERS AND DEPTH RANGES: 3.5" 0 TO 125 ft; 3" 125 TO 130 / 9" 10-105; 3 1/8" 105-215  
 BOREHOLE TOTAL DEPTH AS DRILLED\*: 130 ft / 215 ft  
 CONDUCTOR CASING?: YES  DEPTH TO BOTTOM OF CASING 25.5'; NO \_\_\_\_\_  
 DEPTH TO BEDROCK: ~ 3 ft  
 BOREHOLE FLUID: WATER \_\_\_\_\_; FRESH WATER MUD ; SALT WATER MUD \_\_\_\_\_

LOGGING CREW: C. Carter

LOG TYPE*	FILE NAME*	DEPTH RANGE*	DATE*	TIMES*
ELOG	B620DHELOGTEST01		3/21/08	8:59 - 9:00 am
ELOG	B620DHELOGUP01	122.05 - 38.3 ft	3/21/08	9:29 - 9:37 am
P-S velocity	B620DHSUSPDJUN01	26.25 - 109.9 ft	3/21/08	10:20 am - 10:55 am
ATV	B620DHAUVP01	119.1 - 24 ft	3/21/08	12:02 - 12:35 pm
Caliper	B620DHCALTEST01		3/21/08	1:02 - 1:03 pm
Caliper	B620DHCALUP01	120.15 - 13.55 ft	3/21/08	1:16 - 1:28 pm
Caliper	B620DHCALTEST02		3/21/08	1:37 - 1:38 pm
ELOG	B620DHELOGTEST03	<del>9:00 - 9:01 am</del>	3/23/08	9:00 - 9:01 am
ELOG	B620DHELOGUP02	214.7 - 101.55 ft	3/23/08	11:00 - 11:11 am
P-S velocity	B620DHSUSPDJUN02	106.6 - 129.6 ft	3/23/08	11:44 - 12:00 pm
P-S velocity	B620DHSUSPDJUN03	121.4 - 200.13 ft	3/23/08	1:23 - 1:46 pm
Deviation	B620DHAUVP02	201.5 - 102 ft	3/23/08	4:53 - 4:58 pm
Caliper	B620DHCALTEST03		3/23/08	5:16 - 5:17 pm
Caliper	B620DHCALUP02	205.95 - 97.5 ft	3/23/08	5:31 - 5:42 pm
Caliper	B620DHCALTEST04		3/23/08	5:51 - 5:52 pm

ITEMS WITH \* MUST BE COMPLETED. OTHER INFORMATION IS OPTIONAL

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



B-620DH

ELOG FIELD LOG

Borehole\*

SITE\*: Turkey Point NPP DATE\*: 3/21/08  
CLIENT\*: MACTEC JOB\*: 8083  
AUTHOR\*: C. Carter PAGE: 1 OF 2

CONTACT: PHONE: Off Cell  
CONTACT: PHONE: Off Cell  
CONTACT: PHONE: Off Cell  
CONTACT: PHONE: Off Cell  
COMPANY:

GENERAL SITE CONDITIONS/LOCATION:

COUNTY: Miami-Dade RANGE: TOWNSHIP: SECTION:  
BOREHOLE CONSTRUCTION: CASED UNCASED   
DIAMETERS AND DEPTH RANGES: 0 TO ; TO

BOREHOLE TOTAL DEPTH AS DRILLED\*: 135 ft

SURFACE CASING?: YES  DEPTH TO BOTTOM OF CASING: 25.5 ft NO   
DEPTH TO BEDROCK: ~3 ft DEPTH TO WATER TABLE: ~1 ft  
BOREHOLE FLUID: WATER ; FRESH WATER MUD  ; SALT WATER MUD

OTHER:  
DEPTH TO BOREHOLE FLUID:  $\phi$  TIME SINCE LAST CIRCULATION: 3/20 2:30pm

LOGGING CREW: C. Carter  
VEHICLE(S) USED AND MILEAGE:  
MOBILIZED FROM: Florida City, FL DEPARTURE TIME: 7:15 am  
ARRIVED ON SITE: 7:30 am  
STANDBY TIME: CAUSE:

ITEMS WITH \* MUST BE COMPLETED. OTHER INFORMATION IS OPTIONAL.

ELOG FIELD LOG REV 1.1a



B-6206DH ELOG FIELD LOG  
 Borehole\*

SITE\*: Turkey Point NPP DATE\*: 3/21/08  
 CLIENT\*: MACTEC JOB\*: 8083  
 AUTHOR\*: C. Carter PAGE\*: PAGE 2 OF 2

WINCH: COMPROBE SILVER  OYO RG OTHER  
 MICROLOGGER\* 5310  5772  OTHER  
 ELOG PROBE\* 5490  OTHER  
 SHEAVE\* COMPROBE  OYO 101  102  103  RG

PROBE LENGTH	2.50M(8.20 FT)	
PLUS YOKE 10.0M (32.8 FT)*	32.8	} REF TO GROUND SURFACE
MINUS CASING STICK-UP*	-1.33	
DEPTH REF. OFFSET AT START*	39.67	
DEPTH REF. OFFSET AT END*	39.65	
AFTER SURVEY DEPTH ERROR*	.02	

LOG NAME*	START DEPTH*	START TIME	END DEPTH*	END TIME
B620DH ELOG TEST 01		8:59		9:00am
B620DH ELOG UP01	122.05'	9:29	38.3 ft	9:37

MAINTENANCE PERFORMED ON SITE\*: N/A (N/A if none)

EQUIPMENT PROBLEMS OR FAILURES\*: N/A (N/A if none)

SUGGESTIONS, ADDITIONS, CHANGES: Used super gel -x + sure mud  
 no figure salt

ITEMS WITH \* MUST BE COMPLETED. OTHER INFORMATION IS OPTIONAL



P-S FIELD LOG REV V1.31a



B-620 BH P-S SUSPENSION VELOCITY FIELD LOG REV 1.31a

Borehole

SITE\*: Turkey Point NPP DATE\*: 3/21/08  
CLIENT\*: MACTEC JOB\*: 8083  
AUTHOR\*: C. Carter PAGE 1 OF \* 4

CONTACT: \_\_\_\_\_ PHONE: Off Cell \_\_\_\_\_  
CONTACT: \_\_\_\_\_ PHONE: Off Cell \_\_\_\_\_  
CONTACT: \_\_\_\_\_ PHONE: Off Cell \_\_\_\_\_  
CONTACT: \_\_\_\_\_ PHONE: Off Cell \_\_\_\_\_

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

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

COUNTY: Miami-Dade RANGE: \_\_\_\_\_ TOWNSHIP: \_\_\_\_\_ SECTION: \_\_\_\_\_  
BOREHOLE CONSTRUCTION\*: CASED \_\_\_\_\_ UNCASD X  
DIAMETERS AND DEPTH RANGES\*: 3.5" 0 TO 12.5' ; 3" , 12.5 TO 13.5  
BOREHOLE TOTAL DEPTH AS DRILLED\*: 13.5 ft  
SURFACE CASING?: X DEPTH TO BOTTOM OF CASING 25.5 ft; NO  
DEPTH TO BEDROCK: ~3 ft DEPTH TO WATER TABLE: ~1 ft  
BOREHOLE FLUID: WATER \_\_\_\_\_; FRESH WATER MUD X; SALT WATER MUD; \_\_\_\_\_  
OTHER: \_\_\_\_\_  
DEPTH TO BOREHOLE FLUID\*: 6 TIME SINCE LAST CIRCULATION: 3/20 2:30pm

ITEMS WITH \* MUST BE COMPLETED. OTHER INFORMATION IS OPTIONAL  
GEOVision Geophysical Services — 115 Pomona Road, Suite P, Corona, CA 92602 (951) 549-1234 Fx (951) 549-1236

P-S FIELD LOG REV V1.31a



B-620D4 P-S SUSPENSION VELOCITY FIELD LOG REV 1.31a

Borehole\*

SITE\*: Turkey Point NPP DATE\*: 3/21/08  
 CLIENT\*: MACTEC JOB\*: 8083  
 AUTHOR\*: C. Carter PAGE 2 OF \* 4

LOGGING CREW\*: C. Carter  
 MOBILIZED FROM: Florida City, FL DEPARTURE TIME: 7:15 am  
 ARRIVED ON SITE: 7:30 am  
 STANDBY TIME: CAUSE:  
 LOGGING STARTED: LOGGING COMPLETED:

BATTERIES CHANGED BEFORE LOGGING: YES ; NO X ; STORED WITH NEW 6.6V

WINCH COMPROBE  GREY  OYO  RG  OTH   
 INSTRUMENT\* OYO 12004  15014  19029  RG 160023  160024   
 RECEIVER S/N\* 12008  20042  26066  11001  23053  30086   
 ISOLATION TUBE S/N\* 300083  24053  28068  28072  2M   
 SHEAVE\* COMPROBE  OYO 101  102  103  RG   
 MICROLOGGER\* 5310  5772  NOT APPLICABLE (OYO)   
 PROBE OFFSET\* OYO 2.0M  RG 2.5M   
 MINUS CASING STICK-UP\* .40  
 DEPTH REF. OFFSET AT START\* 2.1  
 DEPTH REF. OFFSET AT END\* 2.09  
 AFTER SURVEY DEPTH ERROR\* .01 } REF TO GROUND SURFACE

LOG NAME*	START DEPTH*	START TIME	END DEPTH*	END TIME
B620D450SPDOWN01	26.25 ft	10:20 am	109.9 ft	10:55 am

MAINTENANCE PERFORMED ON SITE\*: N/A (N/A if none)

EQUIPMENT PROBLEMS OR FAILURES\*: N/A (N/A if none)

SUGGESTIONS, ADDITIONS, CHANGES:  
 COMMENTS:

ITEMS WITH \* MUST BE COMPLETED. OTHER INFORMATION IS OPTIONAL

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

P-S FIELD LOG REV V1.31a

8-6200H **GEOVISION SUSPENSION LOGGING FIELD NOTES**

SITE\*: Turkey Point NPP DATE\*: 3/21/08  
 CLIENT\*: MACTEC JOB\*: 8083  
 AUTHOR\*: C. Carter PAGE\* 3 OF 4

ITEMS WITH \* MUST BE COMPLETED. OTHER INFORMATION IS OPTIONAL

DEPTH METERS	DEPTH FEET	UNFILTERED FILE NO*.	FILTERED FILE NO* (if any)	COMMENTS CASING, WATER, ROCK, ETC
0.5	1.64			
1.0	3.28			
1.5	4.92			
2.0	6.56			
2.5	8.20			
3.0	9.84			
3.5	11.48			
4.0	13.12			
4.5	14.76			
5.0	16.40			
5.5	18.04			
6.0	19.69			
6.5	21.33			
7.0	22.97			
7.5	24.61			
8.0	26.25	001		10:20 am
8.5	27.89	2		
9.0	29.53	3		
9.5	31.17	4		
10.0	32.81	5		
10.5	34.45	6		
11.0	36.09	7		
11.5	37.73	8		
12.0	39.37	9		
12.5	41.01	10		
13.0	42.65	11		
13.5	44.29	12		
14.0	45.93	13		
14.5	47.57	14		
15.0	49.21	15		
15.5	50.85	16		
16.0	52.49	17		
16.5	54.13	18		
17.0	55.77	19		
17.5	57.41	20		
18.0	59.06	21		
18.5	60.70	22		
19.0	62.34	23		
19.5	63.98	24		
20.0	65.62	25		
20.5	67.26	26		

P-S FIELD LOG REV V1.31B

B-6200H

**GEOVISION SUSPENSION LOGGING FIELD NOTES**

SITE\*: Turkey Point NPP DATE\*: 3/21/08 3/23/08  
 CLIENT\*: MACTEC JOB#: 8083  
 AUTHOR\*: C. Carter PAGE\*: 4-28 OF 4  
 cc 3/23/08

ITEMS WITH \* MUST BE COMPLETED. OTHER INFORMATION IS OPTIONAL cc 7/16/08

DEPTH METERS	DEPTH FEET	UNFILTERED FILE NO*	FILTERED FILE NO* (If any)	COMMENTS CASING, WATER, ROCK, ETC
21.0	68.90	27		
21.5	70.54	28		
22.0	72.18	29		
22.5	73.82	30		
23.0	75.46	31		
23.5	77.10	32		
24.0	78.74	33		
24.5	80.38	34		
25.0	82.02	35		
25.5	83.66	36		
26.0	85.30	37		
26.5	86.94	38		
27.0	88.58	39		
27.5	90.22	40		
28.0	91.86	41		
28.5	93.50	42		
29.0	95.14	43		
29.5	96.78	44		
30.0	98.43	45		
30.5	100.07	46		
31.0	101.71	47		
31.5	103.35	48		
32.0	104.99	49		
32.5	106.63	50	53	11:44 am 3/23
33.0	108.27	51	54	
33.5	109.91	52	55	10:55 (3/23)
34.0	111.55		56	
34.5	113.19		57	
35.0	114.83		58	
35.5	116.47		59	
36.0	118.11		60	
36.5	119.75		61	
37.0	121.39	62	62	1:23 (3/23)
37.5	123.03	63	63	
38.0	124.67	64	64	
38.5	126.31	70	65	
39.0	127.95	71	66	
39.5	129.59	72	67	cc 3/23/08 12:00 (3/23)
40.0	131.23	73		
40.5	132.87	74		
41.0	134.51	75		



B-620DH ACOUSTIC TELEVIEWER FIELD LOG Rev 1.0a

Borehole\*

SITE\*: Turkey Point NPP DATE\*: 3/21/08  
CLIENT\*: MACTEC JOB\*: 8083  
AUTHOR\*: C. Carter PAGE 1 OF 2

CONTACT: \_\_\_\_\_ PHONE: Off Cell

CONTACT: \_\_\_\_\_ PHONE: Off Cell

CONTACT: \_\_\_\_\_ PHONE: Off Cell

DRILLER \_\_\_\_\_ PHONE: Off Cell  
COMPANY: \_\_\_\_\_

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

COUNTY: Miami-Dade RANGE: \_\_\_\_\_ TOWNSHIP: \_\_\_\_\_ SECTION: \_\_\_\_\_  
BOREHOLE CONSTRUCTION: CASED UNCASED X  
DIAMETERS AND DEPTH RANGES: 3.5" 0 TO 12.5 ft; 3", 12.5 TO 13.5 ft

BOREHOLE TOTAL DEPTH AS DRILLED\*: 13.5 ft

SURFACE CASING?: YES X DEPTH TO BOTTOM OF CASING 25.5'; NO \_\_\_\_\_  
DEPTH TO BEDROCK: ~3 ft DEPTH TO WATER TABLE: ~1 ft  
BOREHOLE FLUID: WATER; FRESH WATER MUD X; SALT WATER MUD  
OTHER: \_\_\_\_\_  
DEPTH TO BOREHOLE FLUID: Ø TIME SINCE LAST CIRCULATION: 3/20 2:30pm

LOGGING CREW: C. Carter  
VEHICLE(S) USED AND MILEAGE: \_\_\_\_\_  
MOBILIZED FROM: Florida City DEPARTURE TIME: 7:25 am  
ARRIVED ON SITE: 7:30 am  
STANDBY TIME: \_\_\_\_\_ CAUSE: \_\_\_\_\_

ITEMS WITH \* MUST BE COMPLETED. OTHER INFORMATION IS OPTIONAL



ACOUSTIC TELEVIEWER LOG COVER 1.0a.pdf



B-620H ACOUSTIC TELEVIEWER FIELD LOG Rev 1.0a

Borehole\*

SITE\*: Turkey Point NPP DATE\*: 3/21/08  
 CLIENT\*: MACTEC JOB\*: 8083  
 AUTHOR\*: C. Carter PAGE 2 OF 2

WINCH: COMPROBE SILVER  OYO OTHER  
 MICROLOGGER\* 5310 5772   
 TELEVIEWER\* ACOUSTIC #5174  OTHER  
 SHEAVE\* COMPROBE OYO 101 102  103 RG

1 PROBE TILT TEST\* 91.05 BRUNTON TILT\* 91  
 2 PROBE TILT TEST\* 29.65 BRUNTON TILT\* 30  
 3 PROBE TILT TEST\* 44.50 BRUNTON TILT\* 44 AFTER LOG\* yes  
 1 PROBE AZIMUTH TEST\* 311.1 BRUNTON AZIMUTH\* 310  
 2 PROBE AZIMUTH TEST\* 132.6 BRUNTON AZIMUTH\* 125  
 3 PROBE AZIMUTH TEST\* 77.2 BRUNTON AZIMUTH\* 79 AFTER LOG\* yes

PROBE OFFSET*	1.44M(4.72FT)	} REF TO GROUND SURFACE
MINUS CASING STICK-UP*	1.33	
DEPTH REF. OFFSET AT START*	3.39	
DEPTH REF. OFFSET AT END*	3.31	
AFTER SURVEY DEPTH ERROR*	.08	

LOG NAME*	START DEPTH*	START TIME	END DEPTH*	END TIME
B620DHAVU001	119.1 ft	12:02 pm	24 ft	12:35 pm

MAINTENANCE PERFORMED ON SITE\*: N/A (N/A if none)

EQUIPMENT PROBLEMS OR FAILURES\*: N/A (N/A if none)

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

ITEMS WITH \* MUST BE COMPLETED. OTHER INFORMATION IS OPTIONAL

CALIPER FIELD LOG REV 1.1a.PDF



B-620DH

CALIPER FIELD LOG

Borehole\*

SITE\*: Turkey Point NPP DATE\*: 3/21/08  
CLIENT\*: MACTEC JOB\*: 8083  
AUTHOR\*: C. Carter PAGE: 1 OF 2

CONTACT: \_\_\_\_\_ PHONE: Off Cell

CONTACT: \_\_\_\_\_ PHONE: Off Cell

CONTACT: \_\_\_\_\_ PHONE: Off Cell

DRILLER \_\_\_\_\_ PHONE: Off Cell  
COMPANY: \_\_\_\_\_

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

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

BOREHOLE CONSTRUCTION: CASED \_\_\_\_\_ UNCASD X  
DIAMETERS AND DEPTH RANGES: 3.5 0 TO 125 ft; 3", 125 TO 135 ft

BOREHOLE TOTAL DEPTH AS DRILLED\*: 135 ft

SURFACE CASING?: YES X DEPTH TO BOTTOM OF CASING 25.5'; NO \_\_\_\_\_  
DEPTH TO BEDROCK: ~3 ft DEPTH TO WATER TABLE: ~1 ft  
BOREHOLE FLUID: WATER \_\_\_\_\_; FRESH WATER MUD X; SALT WATER MUD \_\_\_\_\_;

OTHER: \_\_\_\_\_  
DEPTH TO BOREHOLE FLUID: ∅ TIME SINCE LAST CIRCULATION: 3/20 2:30pm

LOGGING CREW: C. Carter  
VEHICLE(S) USED AND MILEAGE: \_\_\_\_\_  
MOBILIZED FROM: Florida City, FL DEPARTURE TIME: 7:45 am  
ARRIVED ON SITE: 7:30 am  
STANDBY TIME: \_\_\_\_\_ CAUSE: \_\_\_\_\_

ITEMS WITH \* MUST BE COMPLETED. OTHER INFORMATION IS OPTIONAL



B-620DH

CALIPER FIELD LOG

Borehole\*

SITE\*: Turkey Point NPP DATE\*: 3/21/08  
 CLIENT\*: MACTEC JOB\*: 8083  
 AUTHOR\*: C. Carter PAGE\*: PAGE 2 OF 2

WINCH: COMPROBE SILVER  OYO \_\_\_\_\_ RG \_\_\_\_\_ OTHER \_\_\_\_\_  
 MICROLOGGER\* 5310  5772  OTHER \_\_\_\_\_  
 CALIPER PROBE\* 5368  OTHER \_\_\_\_\_  
 SHEAVE\* COMPROBE  OYO 10'  102'  101' \_\_\_\_\_ RG

PROBE OFFSET	2.08M(6.82 FT)	12 IN MAX
MINUS CASING STICK-UP*	1.33	} REF TO GROUND SURFACE
DEPTH REF. OFFSET AT START*	5.49	
DEPTH REF. OFFSET AT END*	5.45	
AFTER SURVEY DEPTH ERROR*	.04	

LOG NAME*	START DEPTH*	START TIME*	END DEPTH*	END TIME*
B620DHCALTEST01		1:02		1:03 pm
B620DHCALUP01	120.15 ft	1:16 pm	13.55 ft	1:28 pm
B620DHCALTEST02		1:37		1:38 pm

CALIBRATION PLATE S/N 201

FILE NAME	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.* B620DHCALTEST01	1.978	3.977	8.03	4.519
AS MEAS.* B620DHCALTEST02	1.970	3.971	8.03	4.513
AS MEAS.				
AS MEAS.				
AS MEAS.				
AS MEAS.				

4.510 ca. 3' h/d

MAINTENANCE PERFORMED ON SITE\*: \_\_\_\_\_ N/A (N/A if none)

EQUIPMENT PROBLEMS OR FAILURES\*: \_\_\_\_\_ N/A (N/A if none)

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

ITEMS WITH \* MUST BE COMPLETED. OTHER INFORMATION IS OPTIONAL



B-620DH ELOG FIELD LOG  
Borehole\*

SITE\*: Turkey Point NPP DATE\*: 3/23/08  
CLIENT\*: MACTEC JOB\*: 8083  
AUTHOR\*: C. Carter PAGE: 1 OF 2

CONTACT: \_\_\_\_\_ PHONE: Off Cell  
CONTACT: \_\_\_\_\_ PHONE: Off Cell  
CONTACT: \_\_\_\_\_ PHONE: Off Cell  
CONTACT: \_\_\_\_\_ PHONE: Off Cell  
COMPANY: \_\_\_\_\_

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

COUNTY: Miami-Dade RANGE: \_\_\_\_\_ TOWNSHIP: \_\_\_\_\_ SECTION: \_\_\_\_\_  
BOREHOLE CONSTRUCTION: CASED UNCASED   
DIAMETERS AND DEPTH RANGES: 4" 0 TO 105'; 3 7/8" 105 TO 215 ft

BOREHOLE TOTAL DEPTH AS DRILLED\*: 215 ft

SURFACE CASING?: YES  DEPTH TO BOTTOM OF CASING 105 ft; NO \_\_\_\_\_  
DEPTH TO BEDROCK: ~3 ft DEPTH TO WATER TABLE: ~1 ft  
BOREHOLE FLUID: WATER \_\_\_\_\_; FRESH WATER MUD ; SALT WATER MUD \_\_\_\_\_  
OTHER: \_\_\_\_\_  
DEPTH TO BOREHOLE FLUID: φ TIME SINCE LAST CIRCULATION: 10 am

LOGGING CREW: C. Carter  
VEHICLE(S) USED AND MILEAGE: \_\_\_\_\_  
MOBILIZED FROM: Florida City, FL DEPARTURE TIME: 7:10 am  
ARRIVED ON SITE: 7:30 am  
STANDBY TIME: 7:30 - 10:30 CAUSE: Drillers still drilling

ITEMS WITH \* MUST BE COMPLETED. OTHER INFORMATION IS OPTIONAL

ELOG FIELD LOG REV 1.1a



B-620DH ELOG FIELD LOG  
 Borehole\*

SITE\*: Turkey Point NPP DATE\*: 3/23/08  
 CLIENT\*: MACTEC JOB\*: 8083  
 AUTHOR\*: C. Carter PAGE: PAGE 2 OF 2

WINCH: COMPROBE SILVER  OYO RG OTHER  
 MICROLOGGER\* 5310  5772  OTHER  
 ELOG PROBE\* 5490  OTHER  
 SHEAVE\* COMPROBE  OYO 101  102  103  RG

PROBE LENGTH	2.50M(8.20 FT)	} REF TO GROUND SURFACE
PLUS YOKE 10.0M (32.8 FT)*	32.8	
MINUS CASING STICK-UP*	- 1.5	
DEPTH REF. OFFSET AT START*	39.5	
DEPTH REF. OFFSET AT END*	39.45	
AFTER SURVEY DEPTH ERROR*	.05	

LOG NAME*	START DEPTH*	START TIME	END DEPTH*	END TIME
B620DH6LOGUR03		9:00 am		9:01 am
B620DH6LOGUR02	214.7 ft	11:00 am	101.55 ft	11:11 am

MAINTENANCE PERFORMED ON SITE\*: N/A (N/A if none)

EQUIPMENT PROBLEMS OR FAILURES\*: N/A (N/A if none)

SUGGESTIONS, ADDITIONS, CHANGES: very conductive above 200 ft. Drillers used super gel + tiger salt

ITEMS WITH \* MUST BE COMPLETED. OTHER INFORMATION IS OPTIONAL.

P-S FIELD LOG REV V1.31a



B-620Dtt P-S SUSPENSION VELOCITY FIELD LOG REV 1.31a

Borehole

SITE*:	Turkey Point NPP	DATE*:	3/23/08
CLIENT*:	MACTEC	JOB*:	8083
AUTHOR*:	C. Carter	PAGE 1 OF *:	4

CONTACT:	_____	PHONE:	Off	Cell	_____
CONTACT:	_____	PHONE:	Off	Cell	_____
CONTACT:	_____	PHONE:	Off	Cell	_____
CONTACT:	_____	PHONE:	Off	Cell	_____

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

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

COUNTY: Miami-Dade RANGE: \_\_\_\_\_ TOWNSHIP: \_\_\_\_\_ SECTION: \_\_\_\_\_

BOREHOLE CONSTRUCTION\*: CASED \_\_\_\_\_ UNCASED X

DIAMETERS AND DEPTH RANGES\*: 4" 0 TO 105 ft; 3 1/8" 105 TO 215 ft

BOREHOLE TOTAL DEPTH AS DRILLED\*: 215 ft

SURFACE CASING?: X DEPTH TO BOTTOM OF CASING 105 ft; NO

DEPTH TO BEDROCK: ~3 ft DEPTH TO WATER TABLE: ~1 ft

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

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

DEPTH TO BOREHOLE FLUID\*: ∅ TIME SINCE LAST CIRCULATION: 10 am / 12:30 pm

ITEMS WITH \* MUST BE COMPLETED. OTHER INFORMATION IS OPTIONAL  
GEOVision Geophysical Services - 11511 Pomona Road, Suite P, Corona, CA 92602 (951) 549-1234 Fx (951) 549-1236

P-S FIELD LOG REV V1.31a



B-620tl P-S SUSPENSION VELOCITY FIELD LOG REV 1.31a

Borehole\*

SITE\*: Turkey Point NPP DATE\*: 3/23/08  
 CLIENT\*: MACTEC JOB\*: 8083  
 AUTHOR\*: C. Carter PAGE 2 OF \* 4

LOGGING CREW\*: C. Carter  
 MOBILIZED FROM: Florida City, FL DEPARTURE TIME: 7:00am  
 ARRIVED ON SITE: 7:30am  
 STANDBY TIME: CAUSE:  
 LOGGING STARTED: LOGGING COMPLETED:

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   
 ISOLATION TUBE S/N\* 300083  24053  28068  28072  2M  
 SHEAVE\* COMPROBE  OYO 101  102  103  RG   
 MICROLOGGER\* 5310  5772  NOT APPLICABLE (OYO)   
 PROBE OFFSET\* OYO 2.0M  RG 2.5M   
 MINUS CASING STICK-UP\* .46 | .66  
 DEPTH REF. OFFSET AT START\* 2.04 | 1.84 } REF TO GROUND SURFACE  
 DEPTH REF. OFFSET AT END\* 2.04 | 1.82  
 AFTER SURVEY DEPTH ERROR\* 2.0 | .02

LOG NAME*	START DEPTH*	START TIME	END DEPTH*	END TIME
B620DH SUSPOMNO2	106.6 ft	11:44am	129.6	12:50pm
B620DH SUSPOMNO3	121.4	1:23pm	200.13 ft	1:46pm

MAINTENANCE PERFORMED ON SITE\*: N/A (N/A if none)

EQUIPMENT PROBLEMS OR FAILURES\*: Receiver broke during when it got caught by hole cave in. (N/A if none)

SUGGESTIONS, ADDITIONS, CHANGES:  
 COMMENTS:

ITEMS WITH \* MUST BE COMPLETED. OTHER INFORMATION IS OPTIONAL

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

P-S FIELD LOG REV V1.31a

R-620DH

# GEOVISION SUSPENSION LOGGING FIELD NOTES

SITE\*: Turkey Point NPP DATE\*: 3/21/08 3/23/08  
 CLIENT\*: MACTEC JOB\*: 8083  
 AUTHOR\*: C. Carter PAGE\*: 4-3 cc 3/23/08 OF 4

ITEMS WITH \* MUST BE COMPLETED. OTHER INFORMATION IS OPTIONAL

DEPTH METERS	DEPTH FEET	UNFILTERED FILE NO*	FILTERED FILE NO* (if any)	COMMENTS CASING, WATER, ROCK, ETC
21.0	68.90	27		
21.5	70.54	28		
22.0	72.18	29		
22.5	73.82	30		
23.0	75.46	31		
23.5	77.10	32		
24.0	78.74	33		
24.5	80.38	34		
25.0	82.02	35		
25.5	83.66	36		
26.0	85.30	37		
26.5	86.94	38		
27.0	88.58	39		
27.5	90.22	40		
28.0	91.86	41		
28.5	93.50	42		
29.0	95.14	43		
29.5	96.78	44		
30.0	98.43	45		
30.5	100.07	46		
31.0	101.71	47		
31.5	103.35	48		
32.0	104.99	49		
32.5	106.63	50	53	11:44 am 3/23
33.0	108.27	51	54	
33.5	109.91	52	55	10:55 (3/21)
34.0	111.55		56	
34.5	113.19		57	
35.0	114.83		58	
35.5	116.47		59	
36.0	118.11		60	
36.5	119.75		61	
37.0	121.39	67	62	1:23 (3/23)
37.5	123.03	68	63	
38.0	124.67	69	64	
38.5	126.31	70	65	
39.0	127.95	71	66	
39.5	129.59	72	67	cc 3/23/08 12:00 (3/23)
40.0	131.23	73		
40.5	132.87	74		
41.0	134.51	75		



P-S FIELD LOG REV V1.31a

B-620BH **GEOVISION SUSPENSION LOGGING FIELD NOTES**

SITE\*: Turkey Point NPP DATE\*: 3/23/08  
 CLIENT\*: MACTEC JOB\*: 8083  
 AUTHOR\*: C. Carter PAGE\*: 4 OF 4

ITEMS WITH \* MUST BE COMPLETED. OTHER INFORMATION IS OPTIONAL.

DEPTH METERS	DEPTH FEET	UNFILTERED FILE NO*	FILTERED FILE NO* (if any)	COMMENTS CASING, WATER, ROCK, ETC
41.5	136.15	76		
42.0	137.80	77		
42.5	139.44	78		
43.0	141.08	79		
43.5	142.72	80		
44.0	144.36	81		
44.5	146.00	82		
45.0	147.64	83		
45.5	149.28	84		
46.0	150.92	85		
46.5	152.56	86		
47.0	154.20	87		
47.5	155.84	88		
48.0	157.48	89		
48.5	159.12	90		
49.0	160.76	91		
49.5	162.40	92		
50.0	164.04	93		
50.5	165.68	94		
51.0	167.32	95		
51.5	168.96	96		
52.0	170.60	97		
52.5	172.24	98		
53.0	173.88	99		
53.5	175.52	100		
54.0	177.17	101		
54.5	178.81	102		
55.0	180.45	103		
55.5	182.09	104		
56.0	183.73	105		
56.5	185.37	106		
57.0	187.01	107		
57.5	188.65	108		
58.0	190.29	109		
58.5	191.93	110		
59.0	193.57	111		
59.5	195.21	112		
60.0	196.85	113		
60.5	198.49	114		
61.0	200.13	115		1:46pm
61.5	201.77			



B-620dt ACOUSTIC TELEVIEWER FIELD LOG Rev 1.0a

Borehole\*

SITE\*: Turkey Point NPP DATE\*: 3/23/08  
CLIENT\*: MACTEC JOB\*: 8083  
AUTHOR\*: C. Carter PAGE 1 OF 2

CONTACT: PHONE: Off Cell  
CONTACT: PHONE: Off Cell  
CONTACT: PHONE: Off Cell  
DRILLER PHONE: Off Cell  
COMPANY:

GENERAL SITE CONDITIONS/LOCATION:

COUNTY: Miami-Dade RANGE: TOWNSHIP: SECTION:  
BOREHOLE CONSTRUCTION: CASED UNCASED   
DIAMETERS AND DEPTH RANGES: 4" 0 TO 105 ; 3 7/8 , 105 TO 215'  
BOREHOLE TOTAL DEPTH AS DRILLED\*: 215'

SURFACE CASING?: YES  DEPTH TO BOTTOM OF CASING 215'; NO  
DEPTH TO BEDROCK: ~3ft DEPTH TO WATER TABLE: ~1ft  
BOREHOLE FLUID: WATER; FRESH WATER MUD ; SALT WATER MUD  
OTHER:  
DEPTH TO BOREHOLE FLUID:  $\emptyset$  TIME SINCE LAST CIRCULATION: 12:30pm

LOGGING CREW: C. Carter  
VEHICLE(S) USED AND MILEAGE:  
MOBILIZED FROM: Florida City DEPARTURE TIME: 7:10 am  
ARRIVED ON SITE: 7:30 am  
STANDBY TIME: 2-4:30 pm CAUSE: weather

ITEMS WITH \* MUST BE COMPLETED. OTHER INFORMATION IS OPTIONAL

ACOUSTIC TELEVIEWER LOG COVER 1.0a.pdf



B-620DH ACOUSTIC TELEVIEWER FIELD LOG Rev 1.0a

Borehole\*

SITE\*: Turkey Point NPP DATE\*: 7/23/08  
 CLIENT\*: MACTEC JOB\*: 8083  
 AUTHOR\*: C. Carter PAGE 2 OF 2

WINCH: COMPROBE \_\_\_\_\_ SILVER  OYO \_\_\_\_\_ OTHER \_\_\_\_\_  
 MICROLOGGER\* 5310 \_\_\_\_\_ 5772   
 TELEVIEWER\* ACOUSTIC #5174  OTHER \_\_\_\_\_  
 SHEAVE\* COMPROBE \_\_\_\_\_ OYO 101 \_\_\_\_\_ 102  103 \_\_\_\_\_ RG \_\_\_\_\_

( PROBE TILT TEST\* 90.07 BRUNTON TILT\* 90  
 2. PROBE TILT TEST\* 34.79 BRUNTON TILT\* 35  
 3. PROBE TILT TEST\* 8.4 BRUNTON TILT\* 8 AFTER LOG\* yes  
 1. PROBE AZIMUTH TEST\* 268.3 BRUNTON AZIMUTH\* 270  
 2. PROBE AZIMUTH TEST\* 333.0 BRUNTON AZIMUTH\* 331  
 3. PROBE AZIMUTH TEST\* 239 BRUNTON AZIMUTH\* 240 AFTER LOG\* yes

PROBE OFFSET*	1.44M(4.72FT)	} REF TO GROUND SURFACE
MINUS CASING STICK-UP*	<u>1.5</u>	
DEPTH REF. OFFSET AT START*	<u>3.22</u>	
DEPTH REF. OFFSET AT END*	<u>3.12</u>	
AFTER SURVEY DEPTH ERROR*	<u>.10</u>	

LOG NAME*	START DEPTH*	START TIME	END DEPTH*	END TIME
<u>B620DHA00P02</u>	<u>201.5 ft</u>	<u>4:53 pm</u>	<u>102 ft</u>	<u>4:58 pm</u>

MAINTENANCE PERFORMED ON SITE\*: N/A (N/A if none)

EQUIPMENT PROBLEMS OR FAILURES\*: N/A (N/A if none)

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

ITEMS WITH \* MUST BE COMPLETED. OTHER INFORMATION IS OPTIONAL

CALIPER FIELD LOG REV 1.1a.PDF



B-620DH CALIPER FIELD LOG

Borehole\*

SITE\*: Turkey Point NPP DATE\*: 3/23/08  
CLIENT\*: MACTEC JOB\*: 8083  
AUTHOR\*: C. Carter PAGE: 1 OF 2

CONTACT: \_\_\_\_\_ PHONE: Off Cell

CONTACT: \_\_\_\_\_ PHONE: Off Cell

CONTACT: \_\_\_\_\_ PHONE: Off Cell

DRILLER \_\_\_\_\_ PHONE: Off Cell  
COMPANY: \_\_\_\_\_

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

COUNTY: \_\_\_\_\_ RANGE: \_\_\_\_\_ TOWNSHIP: \_\_\_\_\_ SECTION: \_\_\_\_\_  
BOREHOLE CONSTRUCTION: CASED \_\_\_\_\_ UNCASD X  
DIAMETERS AND DEPTH RANGES: 4" 0 TO 105 ft; 3 7/8" 105 TO 218 ft

BOREHOLE TOTAL DEPTH AS DRILLED\*: 218 ft

SURFACE CASING?: YES X DEPTH TO BOTTOM OF CASING 105 ft; NO \_\_\_\_\_  
DEPTH TO BEDROCK: ~3 ft DEPTH TO WATER TABLE: ~1 ft  
BOREHOLE FLUID: WATER \_\_\_\_\_; FRESH WATER MUD \_\_\_\_\_; SALT WATER MUD \_\_\_\_\_  
OTHER: \_\_\_\_\_  
DEPTH TO BOREHOLE FLUID: φ TIME SINCE LAST CIRCULATION: 12:30 pm

LOGGING CREW: C. Carter  
VEHICLE(S) USED AND MILEAGE: \_\_\_\_\_  
MOBILIZED FROM: Florida City, FL DEPARTURE TIME: 5:20 am cc 3/23/08  
ARRIVED ON SITE: 7:30 am  
STANDBY TIME: 2-4:30 CAUSE: Thunder/Lightning

ITEMS WITH \* MUST BE COMPLETED. OTHER INFORMATION IS OPTIONAL



B-620DH CALIPER FIELD LOG  
 Borehole\*

SITE\*: Turkey Point NPP DATE\*: 3/23/08  
 CLIENT\*: MACTEC JOB\*: 8083  
 AUTHOR\*: C. Carter PAGE: PAGE 2 OF 2

WINCH: COMPROBE SILVER  OYO RG OTHER  
 MICROLOGGER\* 5310  5772  OTHER  
 CALIPER PROBE\* 5368  OTHER  
 SHEAVE\* COMPROBE  OYO 10'  10'  10' RG

PROBE OFFSET	2.08M(6.82 FT)	12 IN MAX
MINUS CASING STICK-UP*	1.5	} REF TO GROUND SURFACE
DEPTH REF. OFFSET AT START*	5.32	
DEPTH REF. OFFSET AT END*	5.35	
AFTER SURVEY DEPTH ERROR*	.03	

LOG NAME*	START DEPTH*	START TIME*	END DEPTH*	END TIME*
B620DHCALTEST03		5:16 pm		5:17 pm
B620DHCALTEST02	205.95 ft	5:31 pm	97.5 ft	5:42 pm
B620DHCALTEST04		5:51		5:52

CALIBRATION PLATE S/N 201	FILE NAME	AS BUILT			PVC FITTING
		1.968 IN (50 MM)	3.937 IN (100 MM)	8.000 IN (203.2 MM)	4.607 IN (114.3 MM)
AS MEAS.*	B620DHCALTEST03	1.995	3.977	8.03	4.529
AS MEAS.*	B620DHCALTEST04	1.970	3.971	8.047	4.519
AS MEAS.					
AS MEAS.					
AS MEAS.					
AS MEAS.					

4.510 c.c. 3/23/08

MAINTENANCE PERFORMED ON SITE\*: N/A (N/A if none)

EQUIPMENT PROBLEMS OR FAILURES\*: N/A (N/A if none)

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

\* ITEMS WITH \* MUST BE COMPLETED. OTHER INFORMATION IS OPTIONAL



B646 DHI DOWNHOLE VELOCITY FIELD LOG REV 1.1a

Borehole\*

SITE\*: Turkey Point DATE\*: 6/5/08, 6/6/08  
CLIENT\*: Mactec JOB\*: 8083  
AUTHOR\*: A. Marten PAGE 1 OF 3

CONTACT: Matt Cochran PHONE: Off Cell 803-261-5792  
CONTACT: \_\_\_\_\_ PHONE: Off Cell \_\_\_\_\_  
CONTACT: \_\_\_\_\_ PHONE: Off Cell \_\_\_\_\_  
CONTACT: \_\_\_\_\_ PHONE: Off Cell \_\_\_\_\_  
CONTACT: \_\_\_\_\_ PHONE: Off Cell \_\_\_\_\_

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

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

COUNTY: \_\_\_\_\_ RANGE: \_\_\_\_\_ TOWNSHIP: \_\_\_\_\_ SECTION: \_\_\_\_\_  
BOREHOLE CONSTRUCTION: CASED  TIME SINCE GROUT 5/21 & 22/08  
DIAMETERS AND DEPTH RANGES: 2" 0 TO 150' ; \_\_\_\_\_ TO \_\_\_\_\_

BOREHOLE TOTAL DEPTH AS DRILLED\*: 150'  
DEPTH TO BEDROCK: ~3' DEPTH TO WATER TABLE: ~2'

WATER PUMPED FROM BOREHOLE\*? YES  NO - then what DEPTH TO WATER \_\_\_\_\_  
to ~ 120' 6/5/08  
to ~ 127' 6/6/08

ITEMS WITH \* MUST BE COMPLETED. OTHER INFORMATION IS OPTIONAL

DHFIELD LOG REV 1.1.rpt



B640 DHT DOWNHOLE VELOCITY FIELD LOG  
 Borehole\*

SITE\*: Turkey Point DATE\*: 6/5/08 & 6/6/08  
 CLIENT\*: Mactec JOB\*: 2 8083  
 AUTHOR\*: A. Martin PAGE # OF \* 3

LOGGING CREW\*: A. Martin / N. Baldwin  
 MOBILIZED FROM: Florida City DEPARTURE TIME: 0645 (6/5/08) , 0930 (6/6/08) *Hold for fed. ers*  
 ARRIVED ON SITE: 0705 (6/5/08) , 1015 (6/6/08) - *held at front gate*  
 STANDBY TIME: 1015 - 1145 hrs (6/6/08) CAUSE: pumps well  
 LOGGING STARTED: 1155 (6/6/08) LOGGING COMPLETED: 1700 (6/6/08)

WINCH HAND  OTHER  
 INSTRUMENT\* Geode 3458  3459  Other \_\_\_\_\_  
 GEOPHONES\* BHG3 9501  Other BH93 B3079

Plank Orientation\*: N15°E (MN) Sh Source Offset\* 8'4" P Source Offset\* 6'8"  
 Surface geophones - If any-Offset Sh 10'7" P Offset 8'10"

P SOURCE Trip weight Drop Source  
 Sh SOURCE \_\_\_\_\_

CHANNEL ASSIGNMENTS 1 - borehole vertical, 2 - borehole horiz. long, 3 - borehole horiz. trans.  
4 - surface vertical, 5 - surface H1, 6 - surface H2

SAMPLE RATES: *sample rate / record length*  
 Depth range 5 - 124.7' Sh-wave 20.833ms / 0.128s P-wave same  
 Depth range \_\_\_\_\_ Sh-wave \_\_\_\_\_ P-wave \_\_\_\_\_  
 Depth range \_\_\_\_\_ Sh-wave \_\_\_\_\_ P-wave \_\_\_\_\_

MAINTENANCE PERFORMED ON SITE\*: repaired geophone clamp 1425-1600 hrs, clamp breaks again @ 1700 hrs, new clamps to be fed ex to site

EQUIPMENT PROBLEMS OR FAILURES\*: 6/6/08 - 1200 hrs geophone not attached correctly to cable and drops into casing.

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

COMMENTS: channel 3 - horizontal transverse comp. aligned // to plank

1645 hrs - could not get past bend in casing @ 125'  
6/5/08  
 ITEMS WITH \* MUST BE COMPLETED. OTHER INFORMATION IS OPTIONAL.

DH FIELD LOG REV 1.1a.pdf

B640 DH **DOWNHOLE VELOCITY FIELD LOG**

Borehole\*

SITE\*: Turkey Point

DATE\*: 6/5/08 & 6/6/08

CLIENT\*: Maclean

JOB\*: 8083

AUTHOR\*: A. Morton

PAGE\* 3 OF 7

ITEMS WITH \* MUST BE COMPLETED. OTHER INFORMATION IS OPTIONAL.

DEPTH* (Feet)	Sh CHANNEL NUMBERS*		# OF STACKS	SH FILE NUMBER*		P CHANNEL NUMBER*	# OF STACKS	P FILE NUMBER*
	HL*	HT*		RED*	GRN*			
5	2	3	5	2	3	1	2	1
10				5	6			4
15				8	9			7
20				11	12			10
25			✓	14	15		✓	13
30			5	17	18		2	16
35			6	20	21		3	19
40				23	24			22
45				26	27			25
50				29	30			28
55				32	33	1/2" S	✓	31
60				35	38 36		3	34
65				38	39		4	37
70				41	42			40
75				44	45			43
80			✓	47	48 7/8" S			46
85			6	50	51 51			49
90			7	53	54		✓	52
95			10	56	57			55
100				59	60		4	58
105				62	63		5	61
110				65	66			64
115			✓	68	69			67
120	✓	✓	✓	71	72		✓	70
124.7			10	74	75		5	73
90	✓	2	7	77	78	1	4	76
				max of clay 6/5/08 C/Morton				max of clay 6/6/08 C/Morton

adj Pplot  
water @ 270'

water @ 62'





B643(DH) DOWNHOLE VELOCITY FIELD LOG REV 1.1a

Borehole\*

SITE\*: Turkey Point NP DATE\*: 6/26/08  
CLIENT\*: Mactec JOB\*: 8083  
AUTHOR\*: A. Martin PAGE 1 OF 3

CONTACT: Matt Cook PHONE: Off Cell 803-261-5792

CONTACT: \_\_\_\_\_ PHONE: Off Cell \_\_\_\_\_

CONTACT: \_\_\_\_\_ PHONE: Off Cell \_\_\_\_\_

CONTACT: \_\_\_\_\_ PHONE: Off Cell \_\_\_\_\_

CONTACT: \_\_\_\_\_ PHONE: Off Cell \_\_\_\_\_

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

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

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

BOREHOLE CONSTRUCTION: CASED 2" TIME SINCE GROUT 1 month

DIAMETERS AND DEPTH RANGES: 6" 0 TO 150'; \_\_\_\_\_ TO \_\_\_\_\_

BOREHOLE TOTAL DEPTH AS DRILLED\*: 150'

DEPTH TO BEDROCK: 23' DEPTH TO WATER TABLE: 21'

WATER PUMPED FROM BOREHOLE? YES  NO - then what DEPTH TO WATER water pumped to 111'

ITEMS WITH \* MUST BE COMPLETED. OTHER INFORMATION IS OPTIONAL

DITFIELD LOG REV 1.1a.pdf



BG40(DUT) **DOWNHOLE VELOCITY FIELD LOG**  
 Borehole\*

SITE\*: Turkey Point NP DATE\*: 6/26/08  
 CLIENT\*: Mecten JOB\*: 2 8085  
 AUTHOR\*: A. Martin PAGE: 1 OF \* 3  
 LOGGING CREW\*: A. Martin / N. Bolduan  
 MOBILIZED FROM: Florida City DEPARTURE TIME: 0630hr  
 ARRIVED ON SITE: 0700hr  
 STANDBY TIME: \_\_\_\_\_ CAUSE: \_\_\_\_\_  
 LOGGING STARTED: 1210hr LOGGING COMPLETED: 1535hr

WINCH \_\_\_\_\_ HAND  OTHER \_\_\_\_\_  
 INSTRUMENT\* Geode 3458  3459  Other \_\_\_\_\_  
 GEOPHONES\* BHG3 9501  Other BH93 51 ~ B5079

Plank Orientation\*: N10E (NW) Sh Source Offset\* 9.5' P Source Offset\* 7'10"  
 Surface geophones - If any-Offset Sh 13'5" P Offset 11'8"  
 P SOURCE Trough accelerated weight drop  
 Sh SOURCE " " " "

CHANNEL ASSIGNMENTS 1 = borehole V, 2 = borehole HL, 3 = borehole HT  
4 = surface V, 5 = surface H1, 6 = surface H2

SAMPLE RATES:  
 Depth range 0 - 122 ft Sh-wave 20.333ms SR / .150 RLP-wave 59ms  
 Depth range \_\_\_\_\_ Sh-wave \_\_\_\_\_ P-wave \_\_\_\_\_  
 Depth range \_\_\_\_\_ Sh-wave \_\_\_\_\_ P-wave \_\_\_\_\_

MAINTENANCE PERFORMED ON SITE\*: work on weight drops -

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

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

COMMENTS: \_\_\_\_\_

ITEMS WITH \* MUST BE COMPLETED. OTHER INFORMATION IS OPTIONAL.

DH FIELD LOG REV 1.1a.pdf

B64(DH) **DOWNHOLE VELOCITY FIELD LOG**

Borehole\*

SITE\*: Turkey Point WP DATE\*: 6/26/08  
 CLIENT\*: Mactec JOB\*: 8083  
 AUTHOR\*: A. Martin PAGE\* 3 OF 3

ITEMS WITH \* MUST BE COMPLETED. OTHER INFORMATION IS OPTIONAL

DEPTH* (Feet)	Sh CHANNEL NUMBERS*		# OF STACKS	SH FILE NUMBER*		P CHANNEL NUMBER*	# OF STACKS	P FILE NUMBER*
	HL*	HT		RED*	GRN*			
5	2	3	5	77	78	1	2	76
10			7	74	75		2	73
15			8	71	72		2	70
20			5	68	69		2	67
25			6	65	66		2	64
30			7	62	63		2	61
35			10	59	60		2	58
40			10	56	57		2	55
45			10	53	54		2	52
50			10	50	51		2	49
55			10	47	48		2	46
60			10	44	45		2	43
65			10	41	42		2	40
70			10	38/101	39/102		2	37
75			10	32/35/99	33/34/100		2	31/36*
80			10	29/97	30/98		2	28
85			10	26/95/103	27/96/104		2	25
90			10	23/93	24/94		3	22
95			10	20/91	21/92		2	19
100			10	17/89	18/90		2	16
105			10	14/87	15/88		2	13
110			10	11/85	12/86		2	10
115			10	8/83	9/84		2	7
120			10	5/81	6/82		3	4
125	2	3	10	2/79	3/80	1	2	1
END OF LOG <i>Copman</i> 6/26/08								

GEOVison Geophysical Services 1151 Pomona Rd. #P Corona, CA 92882 ph (951) 549-1234 fx (951) 549-1236

\* Let man air out of van tires @ 75' to better describe vehicle. Red weight (N side) is also beginning to slide more freely. Repeat lower portion of borehole.



B-701D# BORING GEOPHYSICS FIELD LOG SUMMARY  
 Borehole\*

SITE\*: Turkey Point NPP DATE\*: 4/17/08, 4/18/08, 4/20/08, 4/21/08  
 CLIENT\*: MACTEC JOB\*: 8083  
 AUTHOR\*: C. Carter PAGE\*: 1 OF       

CONTACT: \_\_\_\_\_ PHONE: \_\_\_\_\_

BOREHOLE CONSTRUCTION: CASED \_\_\_\_\_ UNCASSED X  
 DIAMETERS AND DEPTH RANGES: 4" 0 TO 116 ft; 3 1/8" 116 TO 420 ft / 457.5 ft  
 BOREHOLE TOTAL DEPTH AS DRILLED\*: 420 ft / 457.5  
 CONDUCTOR CASING?: YES X DEPTH TO BOTTOM OF CASING 116 ft; NO \_\_\_\_\_  
 DEPTH TO BEDROCK: ~3 ft  
 BOREHOLE FLUID: WATER \_\_\_\_\_; FRESH WATER MUD X; SALT WATER MUD \_\_\_\_\_

LOGGING CREW: C. Carter

LOG TYPE*	FILE NAME*	DEPTH RANGE*	DATE*	TIMES*
ELOG	B701DHELOGTEST01		4/17/08	1:02 - 1:04 pm
ELOG	B701DHELOGUP01	419.45 - 114.7 ft	4/17/08	4:24 - 4:55 pm
P-S velocity	B701DHSUSPDUM01	118.11 - 403.5 ft	4/17/08	5:27 - 6:47 pm
Caliper	B701DHCALTEST01		4/18/08	8:28 - 8:29 am
Caliper	B701DHCALUP01	407.1 - 110.75 ft	4/18/08	10:11 - 10:46 am
Caliper	B701DHCALTEST02		4/18/08	10:53 - 10:55 am
Deviation	B701DHALUP01	411.7 - 110.7 ft	4/18/08	11:29 - 11:46 am
ELOG	B701DHELOGTEST02		4/20/08	8:22 - 8:23 am
ELOG	B701DHELOGUP02	456.9 - 369.15 ft	4/20/08	11:39 - 11:48 am
Caliper	B701DHCALTEST03		4/21/08	11:21 - 11:22 am
Caliper	B701DHCALUP02	455.85 - 389.65 ft	4/21/08	11:43 - 11:50 am
Caliper	B701DHCALTEST04		4/21/08	12:08 - 12:10 pm
P-S velocity	B701DHSUSPDUM02	397 - 434.7 ft	4/21/08	12:45 - 1:08 pm

ITEMS WITH \* MUST BE COMPLETED. OTHER INFORMATION IS OPTIONAL



B-701DA ELOG FIELD LOG  
Borehole\*

SITE\*: Turkey Point NPP DATE\*: 4/17/08  
CLIENT\*: MACTEC JOB\*: 8083  
AUTHOR\*: C. Carter PAGE: 1 OF 2

CONTACT: \_\_\_\_\_ PHONE: Off Cell  
CONTACT: \_\_\_\_\_ PHONE: Off Cell  
CONTACT: \_\_\_\_\_ PHONE: Off Cell  
CONTACT: \_\_\_\_\_ PHONE: Off Cell  
COMPANY: \_\_\_\_\_

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

COUNTY: Miami-Dade RANGE: \_\_\_\_\_ TOWNSHIP: \_\_\_\_\_ SECTION: \_\_\_\_\_  
BOREHOLE CONSTRUCTION: CASED \_\_\_\_\_ UNCASED   
DIAMETERS AND DEPTH RANGES: 4" 0 TO 116'; 3 1/8", 116 TO 420'

BOREHOLE TOTAL DEPTH AS DRILLED\*: 420 ft

SURFACE CASING?: YES  DEPTH TO BOTTOM OF CASING 116'; NO \_\_\_\_\_  
DEPTH TO BEDROCK: ~3 ft DEPTH TO WATER TABLE: ~1 ft  
BOREHOLE FLUID: WATER \_\_\_\_\_; FRESH WATER MUD ; SALT WATER MUD \_\_\_\_\_  
OTHER: \_\_\_\_\_  
DEPTH TO BOREHOLE FLUID: ∅ TIME SINCE LAST CIRCULATION: 1:30pm / 4pm

LOGGING CREW: C. Carter  
VEHICLE(S) USED AND MILEAGE: \_\_\_\_\_  
MOBILIZED FROM: Florida City, FL DEPARTURE TIME: 7:00am  
ARRIVED ON SITE: 7:30am  
STANDBY TIME: 8-12 CAUSE: Drillers drilling to 420'

ITEMS WITH \* MUST BE COMPLETED. OTHER INFORMATION IS OPTIONAL.

ELOG FIELD LOG REV 1.1a



B-7013H ELOG FIELD LOG  
 Borehole\*

SITE\*: Turkey Point NPP DATE\*: 4/17/08  
 CLIENT\*: MACTEC JOB\*: 8083  
 AUTHOR\*: C. Carter PAGE: PAGE 2 OF 2

WINCH: COMPROBE SILVER  OYO RG OTHER \_\_\_\_\_  
 MICROLOGGER\* 5310  5772  OTHER \_\_\_\_\_  
 ELOG PROBE\* 5490  OTHER \_\_\_\_\_  
 SHEAVE\* COMPROBE  OYO 101  102  103  RG

PROBE LENGTH	2.50M(8.20 FT)	} REF TO GROUND SURFACE
PLUS YOKE 10.0M (32.8 FT)*	32.8	
MINUS CASING STICK-UP*	2.25	
DEPTH REF. OFFSET AT START*	38.25	
DEPTH REF. OFFSET AT END*	38.8	
AFTER SURVEY DEPTH ERROR*	.05	

LOG NAME*	START DEPTH*	START TIME	END DEPTH*	END TIME
<u>B701DH ELOG TEST 01</u>		<u>1:02</u>		<u>1:04 pm</u>
<u>B701DH ELOG UP 01</u>	<u>419.45 ft</u>	<u>4:24</u>	<u>114.7 ft</u>	<u>4:55</u>

MAINTENANCE PERFORMED ON SITE\*: N/A (N/A if none)

EQUIPMENT PROBLEMS OR FAILURES\*: N/A (N/A if none)  
cc 4/17/08

SUGGESTIONS, ADDITIONS, CHANGES: higher salt, higher mud ~~sup~~ super gel & sure mud used in drilling mud

ITEMS WITH \* MUST BE COMPLETED. OTHER INFORMATION IS OPTIONAL.

P-S FIELD LOG REV 1.31a



B-701DH P-S SUSPENSION VELOCITY FIELD LOG REV 1.31a

Borehole

SITE\*: Turkey Point NPP DATE\*: 4/17/08  
CLIENT\*: MACTEC JOB\*: 8083  
AUTHOR\*: C. Carter PAGE 1 OF 7

CONTACT: \_\_\_\_\_ PHONE: Off Cell \_\_\_\_\_  
CONTACT: \_\_\_\_\_ PHONE: Off Cell \_\_\_\_\_  
CONTACT: \_\_\_\_\_ PHONE: Off Cell \_\_\_\_\_  
CONTACT: \_\_\_\_\_ PHONE: Off Cell \_\_\_\_\_

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

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

COUNTY: Miami-Dade RANGE: \_\_\_\_\_ TOWNSHIP: \_\_\_\_\_ SECTION: \_\_\_\_\_  
BOREHOLE CONSTRUCTION\*: CASED UNCASED  cc 7/24/08  
DIAMETERS AND DEPTH RANGES\*: 4" 0 TO 116 ft ; 3 1/8" 116 TO 420  
BOREHOLE TOTAL DEPTH AS DRILLED\*: 420 ft  
SURFACE CASING?: yes DEPTH TO BOTTOM OF CASING 116 ft ; NO  
DEPTH TO BEDROCK: ~3 ft DEPTH TO WATER TABLE: ~1 ft  
BOREHOLE FLUID: WATER \_\_\_\_\_ ; FRESH WATER MUD  ; SALT WATER MUD: \_\_\_\_\_  
OTHER: \_\_\_\_\_  
DEPTH TO BOREHOLE FLUID\*: ∅ TIME SINCE LAST CIRCULATION: 4pm

ITEMS WITH \* MUST BE COMPLETED. OTHER INFORMATION IS OPTIONAL  
GEOVision Geophysical Services - 115 F Pomona Road, Suite P, Colton, CA 92802 (951) 549-1234 Fx (951) 549-1238

P-S FIELD LOG REV V1.31a



B-701DH P-S SUSPENSION VELOCITY FIELD LOG REV 1.31a

Borehole\*

SITE\*: Turkey Point NPP DATE\*: 4/17/08  
 CLIENT\*: MACTEC JOB\*: 8083  
 AUTHOR\*: C. Carter PAGE 2 OF \* 7

LOGGING CREW\*: C. Carter  
 MOBILIZED FROM: Florida City, FL DEPARTURE TIME: 7 am  
 ARRIVED ON SITE: 7:30 am  
 STANDBY TIME: CAUSE:  
 LOGGING STARTED: LOGGING COMPLETED:

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   
 ISOLATION TUBE S/N\* 300083  24053  28068  28072  2M  (in the S/N)  
 SHEAVE\* COMPROBE  OYO 101  102  103  RG   
 MICROLOGGER\* 5310  5772  NOT APPLICABLE (OYO)   
 PROBE OFFSET\* OYO 2.0M  RG 2.5M   
 MINUS CASING STICK-UP\* -.69  
 DEPTH REF. OFFSET AT START\* 1.81  
 DEPTH REF. OFFSET AT END\* 1.81  
 AFTER SURVEY DEPTH ERROR\* .0  
 } REF TO GROUND SURFACE

LOG NAME*	START DEPTH*	START TIME	END DEPTH *	END TIME
B701DH SUSPENSION	118.11 ft	5:27 pm	403.5 ft	6:47 pm

MAINTENANCE PERFORMED ON SITE\*: N/A (N/A if none)

EQUIPMENT PROBLEMS OR FAILURES\*: N/A (N/A if none)

SUGGESTIONS, ADDITIONS, CHANGES:  
 COMMENTS:

ITEMS WITH \* MUST BE COMPLETED. OTHER INFORMATION IS OPTIONAL

GEOVision Geophysical Services 1151 Pomona Road, Suite P, Corona, CA 92602 (951) 549-1234 Fx (951) 549-1236



P-S FIELD LOG REV V1.31a

R-70104

**GEOVISION SUSPENSION LOGGING FIELD NOTES**

SITE\*: Turkey Point NPP DATE\*: 9/11/08  
 CLIENT\*: MACTEC JOB\*: 8083  
 AUTHOR\*: C. Carter PAGE\* 3 OF 7

ITEMS WITH \* MUST BE COMPLETED. OTHER INFORMATION IS OPTIONAL

DEPTH METERS	DEPTH FEET	UNFILTERED FILE NO*	FILTERED FILE NO* (if any)	COMMENTS CASING, WATER, ROCK, ETC
21.0	68.90			
21.5	70.54			
22.0	72.18			
22.5	73.82			
23.0	75.46			
23.5	77.10			
24.0	78.74			
24.5	80.38			
25.0	82.02			
25.5	83.66			
26.0	85.30			
26.5	86.94			
27.0	88.58			
27.5	90.22			
28.0	91.86			
28.5	93.50			
29.0	95.14			
29.5	96.78			
30.0	98.43			
30.5	100.07			
31.0	101.71			
31.5	103.35			
32.0	104.99			
32.5	106.63			
33.0	108.27			
33.5	109.91			
34.0	111.55			
34.5	113.19			
35.0	114.83			
35.5	116.47			
36.0	118.11	001		S:27
36.5	119.75	2		
37.0	121.39	3		
37.5	123.03	4		
38.0	124.67	5		
38.5	126.31	6		
39.0	127.95	7		
39.5	129.59	8		
40.0	131.23	9		
40.5	132.87	10		
41.0	134.51	11		

P-S FIELD LOG REV V1.31a

B-7610H **GEOVISION SUSPENSION LOGGING FIELD NOTES**

SITE\*: Turkey Point NPP DATE\*: 4/17/08  
 CLIENT\*: MACTEC JOB\*: 8083  
 AUTHOR\*: C. Carter PAGE\*: 4 OF 7

ITEMS WITH \* MUST BE COMPLETED. OTHER INFORMATION IS OPTIONAL.

DEPTH METERS	DEPTH FEET	UNFILTERED FILE NO*.	FILTERED FILE NO*. (if any)	COMMENTS CASING, WATER, ROCK, ETC
41.5	136.15	12		
42.0	137.80	13		
42.5	139.44	14		
43.0	141.08	15		
43.5	142.72	16		
44.0	144.36	17		
44.5	146.00	18		
45.0	147.64	19		
45.5	149.28	20		
46.0	150.92	21		
46.5	152.56	22		
47.0	154.20	23		
47.5	155.84	24		
48.0	157.48	25		
48.5	159.12	26		
49.0	160.76	27		
49.5	162.40	28		
50.0	164.04	29		
50.5	165.68	30		
51.0	167.32	31		
51.5	168.96	32		
52.0	170.60	33		
52.5	172.24	34		
53.0	173.88	35		
53.5	175.52	36		
54.0	177.17	37		
54.5	178.81	38		
55.0	180.45	39		
55.5	182.09	40		
56.0	183.73	41		
56.5	185.37	42		
57.0	187.01	43		
57.5	188.65	44		
58.0	190.29	45		
58.5	191.93	46		
59.0	193.57	47		
59.5	195.21	48		
60.0	196.85	49		
60.5	198.49	50		
61.0	200.13	51		
61.5	201.77	52		

P-S FIELD LOG REV V1.31a

3-70101

## GEOVISION SUSPENSION LOGGING FIELD NOTES

SITE\*: Turkey Point NPP DATE\*: 7/2/08  
 CLIENT\*: MACTEC JOB\*: 8083  
 AUTHOR\*: C. Carter PAGE\*: 5 OF 7

ITEMS WITH \* MUST BE COMPLETED. OTHER INFORMATION IS OPTIONAL

DEPTH METERS	DEPTH FEET	UNFILTERED FILE NO*	FILTERED FILE NO* (if any)	COMMENTS CASING, WATER, ROCK, ETC
62.0	203.41	53		
62.5	205.05	54		
63.0	206.69	55		
63.5	208.33	56		
64.0	209.97	57		
64.5	211.61	58		
65.0	213.25	59		
65.5	214.90	60		
66.0	216.54	61		
66.5	218.18	62		
67.0	219.82	63		
67.5	221.46	64		
68.0	223.10	65		
68.5	224.74	66		
69.0	226.38	67		
69.5	228.02	68		
70.0	229.66	69		
70.5	231.30	70		
71.0	232.94	71		
71.5	234.58	72		
72.0	236.22	73		
72.5	237.86	74		
73.0	239.50	75		
73.5	241.14	76		
74.0	242.78	77		
74.5	244.42	78		
75.0	246.06	79		
75.5	247.70	80		
76.0	249.34	81		
76.5	250.98	82		
77.0	252.62	83		
77.5	254.27	84		
78.0	255.91	85		
78.5	257.55	86		
79.0	259.19	87		
79.5	260.83	88		
80.0	262.47	89		
80.5	264.11	90		
81.0	265.75	91		
81.5	267.39	92		
82.0	269.03	93		

P-S FIELD LOG REV V1.31a

B-7010H

**GEOVISION SUSPENSION LOGGING FIELD NOTES**

SITE\*: Turkey Point NPP DATE\*: 7/17/08  
 CLIENT\*: MACTEC JOB\*: 8083  
 AUTHOR\*: C. Carter PAGE\* 6 OF 7

ITEMS WITH \* MUST BE COMPLETED. OTHER INFORMATION IS OPTIONAL

DEPTH METERS	DEPTH FEET	UNFILTERED FILE NO*	FILTERED FILE NO* (if any)	COMMENTS CASING, WATER, ROCK, ETC
82.5	270.67	94		
83.0	272.31	95		
83.5	273.95	96		
84.0	275.59	97		
84.5	277.23	98		
85.0	278.87	99		
85.5	280.51	100		
86.0	282.15	101		
86.5	283.79	102		
87.0	285.43	103		
87.5	287.07	104		
88.0	288.71	105		
88.5	290.35	106		
89.0	291.99	107		
89.5	293.64	108		
90.0	295.28	109		
90.5	296.92	110		
91.0	298.56	111		
91.5	300.20	112		
92.0	301.84	113		
92.5	303.48	114		
93.0	305.12	115		
93.5	306.76	116		
94.0	308.40	117		
94.5	310.04	118		
95.0	311.68	119		
95.5	313.32	120		
96.0	314.96	121		
96.5	316.60	122		
97.0	318.24	123		
97.5	319.88	124		
98.0	321.52	125		
98.5	323.16	126		
99.0	324.80	127		
99.5	326.44	128		
100.0	328.08	129		
100.5	329.72	130		
101.0	331.36	131		
101.5	333.01	132		
102.0	334.65	133		
102.5	336.29	134		

P-S FIELD LOG REV V1 31a

B-70104H

### GEOVISION SUSPENSION LOGGING FIELD NOTES

SITE\*: Turkey Point NPP DATE\*: 4/17/08  
 CLIENT\*: MACTEC JOB\*: 8083  
 AUTHOR\*: C. Carter PAGE\* 7 OF 7

ITEMS WITH \* MUST BE COMPLETED. OTHER INFORMATION IS OPTIONAL

DEPTH METERS	DEPTH FEET	UNFILTERED FILE NO*	FILTERED FILE NO* (if any)	COMMENTS CASING, WATER, ROCK, ETC
103.0	337.93	135		
103.5	339.57	136		
104.0	341.21	137		
104.5	342.85	138		
105.0	344.49	139		
105.5	346.13	140		
106.0	347.77	141		
106.5	349.41	142		
107.0	351.05	143		
107.5	352.69	144		
108.0	354.33	145		
108.5	355.97	146		
109.0	357.61	147		
109.5	359.25	148		
110.0	360.89	149		
110.5	362.53	150		
111.0	364.17	151		
111.5	365.81	152		
112.0	367.45	153		
112.5	369.09	154		
113.0	370.73	155		
113.5	372.38	156		
114.0	374.02	157		
114.5	375.66	158		
115.0	377.30	159		
115.5	378.94	160		
116.0	380.58	161		
116.5	382.22	162		
117.0	383.86	163		
117.5	385.50	164		
118.0	387.14	165		
118.5	388.78	166		
119.0	390.42	167		
119.5	392.06	168		
120.0	393.70	169		
120.5	395.34	170		
121.0	396.98	171		
121.5	398.62	172		
122.0	400.26	173		
122.5	401.90	174		
123.0	403.54	175		6:47pm

CALIPER FIELD LOG REV 1.1a.PDF



B-7010H CALIPER FIELD LOG  
Borehole\*

SITE\*: Turkey Point NPP DATE\*: 4/18/08  
CLIENT\*: MACTEC JOB\*: 8083  
AUTHOR\*: C. Carter PAGE: 1 OF 2

CONTACT: \_\_\_\_\_ PHONE: Off Cell

CONTACT: \_\_\_\_\_ PHONE: Off Cell

CONTACT: \_\_\_\_\_ PHONE: Off Cell

DRILLER \_\_\_\_\_ PHONE: Off Cell  
COMPANY: \_\_\_\_\_

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

COUNTY: \_\_\_\_\_ RANGE: \_\_\_\_\_ TOWNSHIP: \_\_\_\_\_ SECTION: \_\_\_\_\_  
BOREHOLE CONSTRUCTION: CASED \_\_\_\_\_ UNCASD   
DIAMETERS AND DEPTH RANGES: 4" 0 TO 116 ft; 3 7/8" 116' TO 470 ft

BOREHOLE TOTAL DEPTH AS DRILLED\*: 420 ft

SURFACE CASING?: YES  DEPTH TO BOTTOM OF CASING 116 ft; NO \_\_\_\_\_  
DEPTH TO BEDROCK: ~3 ft DEPTH TO WATER TABLE: ~1 ft  
BOREHOLE FLUID: WATER \_\_\_\_\_; FRESH WATER MUD ; SALT WATER MUD \_\_\_\_\_;  
OTHER: \_\_\_\_\_  
DEPTH TO BOREHOLE FLUID: ∅ TIME SINCE LAST CIRCULATION: 9:30 am

LOGGING CREW: C. Carter  
VEHICLE(S) USED AND MILEAGE: \_\_\_\_\_  
MOBILIZED FROM: Florida City, FL DEPARTURE TIME: 7 am  
ARRIVED ON SITE: 7:30 am  
STANDBY TIME: \_\_\_\_\_ CAUSE: \_\_\_\_\_

ITEMS WITH \* MUST BE COMPLETED. OTHER INFORMATION IS OPTIONAL

CALIPER FIELD LOG REV 1.1a.PDF



B-7016H Borehole\* CALIPER FIELD LOG

SITE\*: Turkey Point NPP DATE\*: 4/8/08  
 CLIENT\*: MACTEC JOB\*: 8083  
 AUTHOR\*: C. Carter PAGE: PAGE 2 OF 2

WINCH: COMPROBE SILVER  OYO RG OTHER  
 MICROLOGGER\* 5310 5772  OTHER  
 CALIPER PROBE\* 5368  OTHER  
 SHEAVE\* COMPROBE  OYO 10'  10'  10' RG

PROBE OFFSET	2.08M(6.82 FT)	} REF TO GROUND SURFACE
MINUS CASING STICK-UP*	2.25	
DEPTH REF. OFFSET AT START*	4.57	
DEPTH REF. OFFSET AT END*	4.30	
AFTER SURVEY DEPTH ERROR*	.27	

LOG NAME*	START DEPTH*	START TIME*	END DEPTH*	END TIME*
B701DHICALTEST01		8:28am		8:29am
B701DHICALUP01	467.1 ft	10:11am	110.75 ft	10:41
B701DHICALTEST02		10:53		10:55am

CALIBRATION PLATE S/N 201

FILE NAME	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.* B701DHICALTEST01	2.0	3.965	8.01	4.53
AS MEAS.* B701DHICALTEST02	2.01	3.95	8.01	4.55
AS MEAS.				
AS MEAS.				
AS MEAS.				
AS MEAS.				

4.510" cc 4/8/08

MAINTENANCE PERFORMED ON SITE\*: N/A (N/A if none)

EQUIPMENT PROBLEMS OR FAILURES\*: N/A (N/A if none)

SUGGESTIONS, ADDITIONS, CHANGES:

ITEMS WITH \* MUST BE COMPLETED. OTHER INFORMATION IS OPTIONAL

ACOUSTIC TELEVIEWER LOG COVER 1.0a.pdf



B-701 DN ACOUSTIC TELEVIEWER FIELD LOG Rev 1.0a

Borehole\*

SITE\*: Turkey Point NPP DATE\*: 4/8/08  
CLIENT\*: MACTEC JOB\*: 8083  
AUTHOR\*: C. Carter PAGE 1 OF 2

CONTACT: \_\_\_\_\_ PHONE: Off Cell

CONTACT: \_\_\_\_\_ PHONE: Off Cell

CONTACT: \_\_\_\_\_ PHONE: Off Cell

DRILLER \_\_\_\_\_ PHONE: Off Cell

COMPANY: \_\_\_\_\_

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

COUNTY: Miami-Dade RANGE: \_\_\_\_\_ TOWNSHIP: \_\_\_\_\_ SECTION: \_\_\_\_\_  
BOREHOLE CONSTRUCTION: CASED UNCASED X  
DIAMETERS AND DEPTH RANGES: 4" 0 TO 116 ft ; 3 1/8 , 116 TO 420 ft

BOREHOLE TOTAL DEPTH AS DRILLED\*: 420 ft

SURFACE CASING?: YES X DEPTH TO BOTTOM OF CASING 116 ft ; NO \_\_\_\_\_

DEPTH TO BEDROCK: ~3 ft DEPTH TO WATER TABLE: ~1 ft

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

OTHER: \_\_\_\_\_  
DEPTH TO BOREHOLE FLUID: ∅ TIME SINCE LAST CIRCULATION: 9:30 am

LOGGING CREW: C. Carter

VEHICLE(S) USED AND MILEAGE: \_\_\_\_\_

MOBILIZED FROM: Florida City DEPARTURE TIME: 9 am

ARRIVED ON SITE: 1:30 am

STANDBY TIME: \_\_\_\_\_ CAUSE: \_\_\_\_\_

ITEMS WITH \* MUST BE COMPLETED. OTHER INFORMATION IS OPTIONAL



ACOUSTIC TELEVIEWER LOG COVER 1.0a.pdf



B-701DH ACOUSTIC TELEVIEWER FIELD LOG Rev 1.0a

Borehole\*

SITE\*: Turkey Point NPP DATE\*: 4/18/08  
 CLIENT\*: MACTEC JOB\*: 8083  
 AUTHOR\*: C. Carter PAGE 2 OF 2

WINCH: \_\_\_\_\_ COMPROBE \_\_\_\_\_ SILVER  OYO \_\_\_\_\_ OTHER \_\_\_\_\_  
 MICROLOGGER\* 5310 \_\_\_\_\_ 5772   
 TELEVIEWER\* ACOUSTIC #5174  OTHER \_\_\_\_\_  
 SHEAVE\* COMPROBE \_\_\_\_\_ OYO 101 \_\_\_\_\_ 102  103 \_\_\_\_\_ RG \_\_\_\_\_

- 1 PROBE TILT TEST\* 16.2 BRUNTON TILT\* 16
- 2 PROBE TILT TEST\* 90.1 BRUNTON TILT\* 90
- 3 PROBE TILT TEST\* 19.68 BRUNTON TILT\* 19 AFTER LOG\* yes
- 1 PROBE AZIMUTH TEST\* 197.6 BRUNTON AZIMUTH\* 193
- 2 PROBE AZIMUTH TEST\* 199.1 BRUNTON AZIMUTH\* 199
- 3 PROBE AZIMUTH TEST\* 247.5 BRUNTON AZIMUTH\* 255 AFTER LOG\* yes

PROBE OFFSET*	1.44M(4.72FT)	} REF TO GROUND SURFACE
MINUS CASING STICK-UP*	<u>2.25</u>	
DEPTH REF. OFFSET AT START*	<u>2.47</u>	
DEPTH REF. OFFSET AT END*	<u>2.47</u>	
AFTER SURVEY DEPTH ERROR*	<u>.03</u>	

LOG NAME*	START DEPTH*	START TIME	END DEPTH*	END TIME
<u>B701DHA000P01</u>	<u>411.7 ft</u>	<u>11:29</u>	<u>110.7 ft</u>	<u>11:46 am</u>

MAINTENANCE PERFORMED ON SITE\*: N/A (N/A if none)

EQUIPMENT PROBLEMS OR FAILURES\*: N/A (N/A if none)

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

ITEMS WITH \* MUST BE COMPLETED. OTHER INFORMATION IS OPTIONAL

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



B-701D<sup>H</sup>  
Borehole\*

ELOG FIELD LOG

SITE\*: Turkey Point NPP DATE\*: 4/20/08  
CLIENT\*: MACTEC JOB\*: 8083  
AUTHOR\*: C. Carter PAGE: 1 OF 2

CONTACT: \_\_\_\_\_ PHONE: Off Cell  
CONTACT: \_\_\_\_\_ PHONE: Off Cell  
CONTACT: \_\_\_\_\_ PHONE: Off Cell  
CONTACT: \_\_\_\_\_ PHONE: Off Cell  
COMPANY: \_\_\_\_\_

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

COUNTY: Miami-Dade RANGE: \_\_\_\_\_ TOWNSHIP: \_\_\_\_\_ SECTION: \_\_\_\_\_  
BOREHOLE CONSTRUCTION: CASED \_\_\_\_\_ UNCASD   
DIAMETERS AND DEPTH RANGES: 4" 0 TO 116'; 3 7/8" 116' TO 457.5'

BOREHOLE TOTAL DEPTH AS DRILLED\*: 457.5'

SURFACE CASING?: YES  DEPTH TO BOTTOM OF CASING 116'; NO \_\_\_\_\_  
DEPTH TO BEDROCK: ~3ft DEPTH TO WATER TABLE: ~1ft  
BOREHOLE FLUID: WATER \_\_\_\_\_; FRESH WATER MUD ; SALT WATER MUD \_\_\_\_\_  
OTHER: \_\_\_\_\_  
DEPTH TO BOREHOLE FLUID: Ø TIME SINCE LAST CIRCULATION: 10:45am

LOGGING CREW: C. Carter  
VEHICLE(S) USED AND MILEAGE: \_\_\_\_\_  
MOBILIZED FROM: Florida City, FL DEPARTURE TIME: 7:00am  
ARRIVED ON SITE: 7:15am  
STANDBY TIME: \_\_\_\_\_ CAUSE: \_\_\_\_\_

ITEMS WITH \* MUST BE COMPLETED. OTHER INFORMATION IS OPTIONAL