



MEAGER CREEK DEVELOPMENT CORPORATION
(A subsidiary of WESTERN GEOTHERMAL CORP.)

**South Meager Geothermal Project,
British Columbia**

WELL MC-8

a-92-A / 92-J-12 (MC-8)

**(Daily Drilling Reports
And Other Well Data)**

Program Name: WGP2004

411-837 West Hastings Street
Vancouver, BC V6C 3N6 Canada
Ph: 604- 662 3338 Fax: 604 646 6603

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Section 1: General Well Data; MC-8,

- *Summary of Well Data: MC-8*
- *Project Location Map*
- *Well Site Location Map*
- *Borehole Schematic*
- *Days Vs Depth Graph*

SUMMARY OF WELL DATA: MC-8

<u>Program Name:</u>	WGP2004	<u>Well Authorization No.:</u>	MC-8
<u>Well I.D.:</u>	a-92-A / 92-J-12 (MC-8)	<u>Well Classification:</u>	Geothermal
<u>Province:</u>	British Columbia	<u>District:</u>	Squamish - Lillooet
		<u>Field:</u>	South Meager Geothermal Project
<u>Operator:</u>	Meager Creek Development Corporation	<u>Contractor:</u>	Precision Drilling
		<u>Rig No.:</u>	Rig #620TE
<u>Coords. (NAD83-UTM-10U):</u>	463,218.60mE 5,603,051.97mN	<u>Geographic Location:</u>	LAT: N 50° 34' 41.5952" LONG: W 123° 31' 10.1439"
<u>Site Elevation:</u>	1,365 m (Above MSL)	<u>RKB to Ground Level (GL):</u>	7.32 m
<u>Date Spudded:</u>	08 April, 2005; (05:30 hrs.)	<u>Days Drilling:</u>	49 days
<u>Date Completed (TD):</u>	26 May, 2005; (22:00 hrs.)	<u>Days to Rig Release:</u>	56 days
<u>Rig Released:</u>	02 June, 2005; (08:00 hrs.)		
<u>Total Drilled Depth (TD):</u>	2,380.0 m RKB	<u>True Vertical Depth (TVD):</u>	2,153.72 m RKB
<u>Top of Liner:</u>	(No liner installed)	<u>Static Water Level:</u>	~ 550 m RKB
<u>Directional Information:</u>	<u>KOP:</u> 144 m RKB <u>Azimuth:</u> 085° <u>Inclination:</u> 30°	<u>Build Up Rate:</u> 2.0' per 30 meters <u>End of Build:</u> 930.40 mRKB; (904.08 mTVD) <u>Max. inclination:</u> 31.9° @ 3,033.0 m RKB	
<u>Bottom hole position:</u> (Extrapolated to TD)	E 890.28 m; N 059.47 m	<u>Vertical Section:</u>	892.26 m, (Azimuth 086°)

<u>Hole Sizes:</u>	<u>Size</u>	<u>Depth</u>	<u>Comment</u>
	711.2 mm / (28")	to 43.0 m (G.L.)	(Top-holed; Schramm T685WS air rotary rig, w/ODEX casing system)
	609.0 mm / (24")	to 128.0 m RKB	
	444.5 mm / (17-1/2")	to 872.0 m RKB	
	311.2 mm / (12-1/4")	to 2,380.0 m RKB	

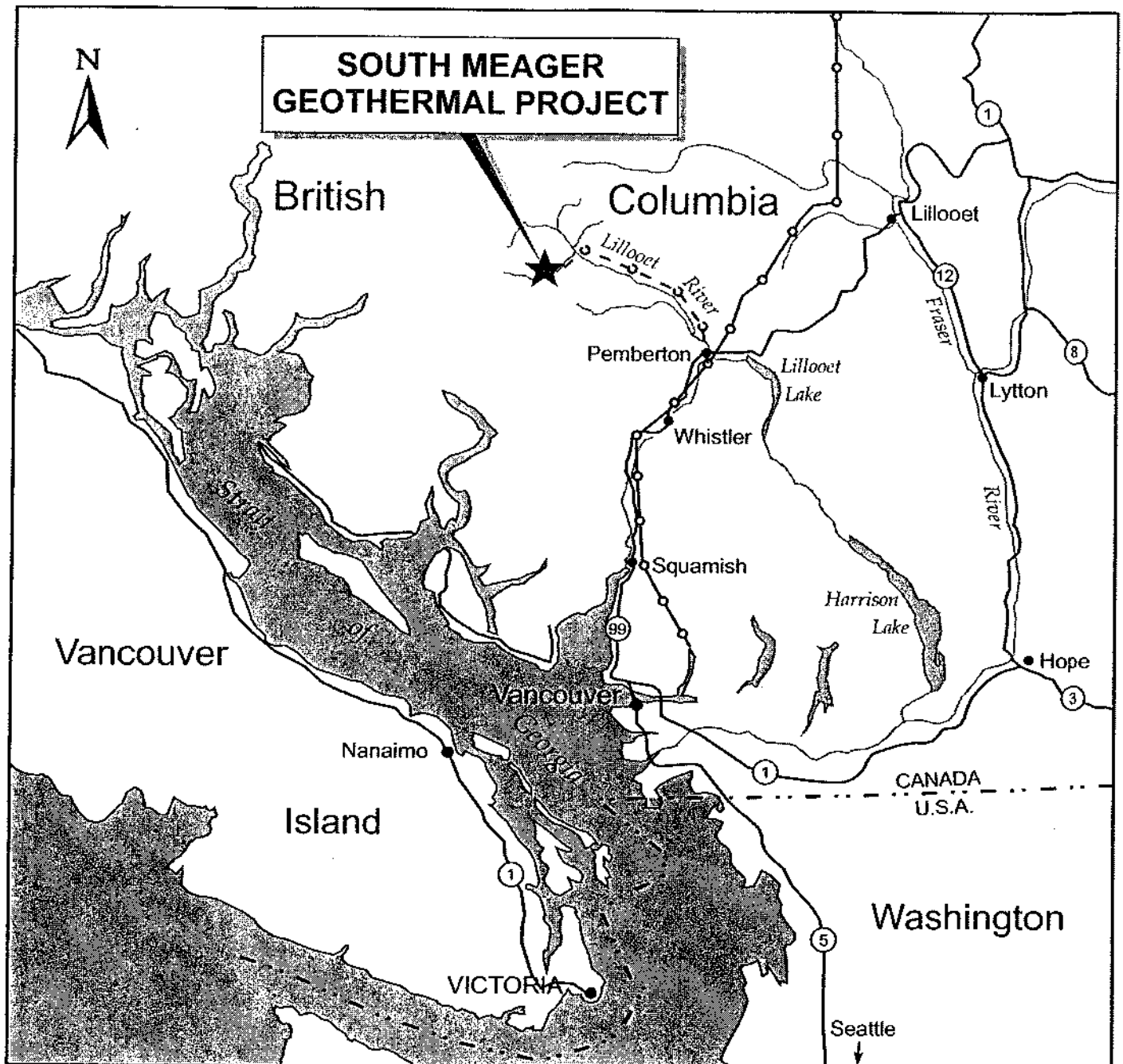
(*: Top-holed by Midnight Sun Drilling Co. Ltd., Feb. 04-09, 2005, using Schramm T685WS air rotary rig w/ODEX casing system; pre-installed 711.2mm casing to 43.0 mGL).

<u>Casing:</u>	<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Thread</u>	<u>Range / Type</u>	<u>Depth</u>	<u>Comment</u>
	7 jnts. x 711.2 mm / (28")	172.00 kg/m	L-80	Weld	/ Smls	to 43.0 m (G.L.)	(Pre-installed)
	9 jnts. x 473.0 mm / (18-5/8")	130.21 kg/m	K-55	BTC	Rg3 / Smls	to 113.0 m RKB	Cemented to surface
	70 jnts. x 339.7 mm / (13-3/8")	107.14 kg/m	L-80	BTC	Rg3 / Smls	to 868.0 m RKB	Cemented to surface

Cement Plugs: #1: Hole size 444.5 mm open hole; R/H w/OEDP; set balanced plug at 168 m to cure loss of circulation;
5.0m³ Class G + 35% SSA-1 + 5% Silicalite + 1% CaCl₂ + 0.5% CFR-3 at 1860 kg/m³; (cemented by Halliburton)

General Summary of Lithologies: (All depths measured depth, mRKB)

0 - 373 m:	Volcanics, (tuff breccia)
373 - 700 m:	Quartz Diorite
700 - 880 m:	Felsite / volcanic dyke
880 - 1,120 m:	Predominantly altered intrusives
1,120 - 1,350 m:	Quartz Diorite
1,350 - 1,440 m:	Altered intrusives
1,440 - 1,770 m:	Metasedimentary sequence
1,770 - 2,015 m:	Metasediments / Altered intrusives
2,015 - 2,345 m:	Metasedimentary sequence
2,345 - 2,380 mTD:	Hornblende Biotite Quartz Diorite

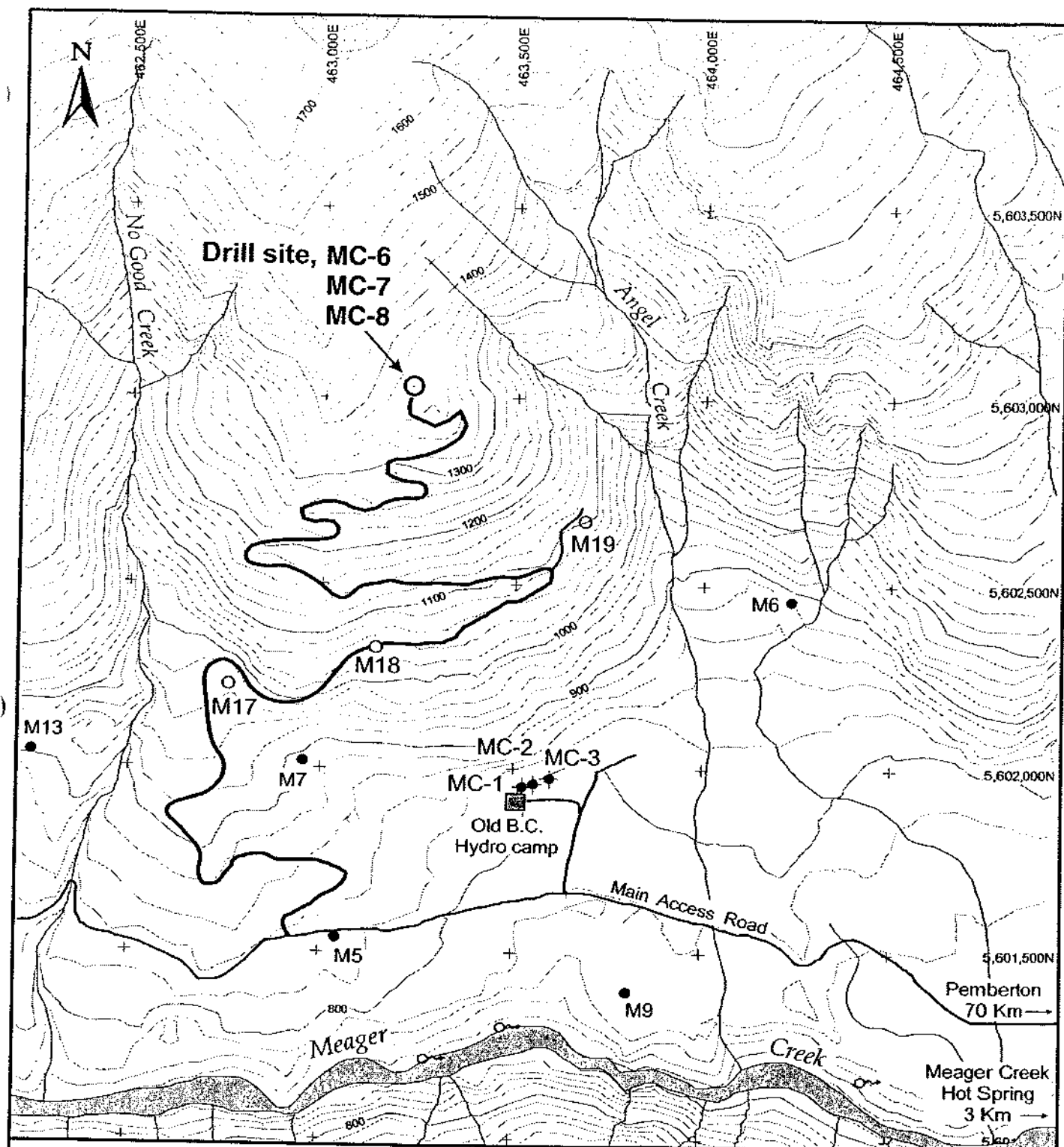


LEGEND

- Existing main transmission line
- -○- -○- Meager transmission intertie
- ①— Highway

0 Kilometres 50

Location: South Meager Geothermal Project



Drill hole locations, South Meager Geothermal Project

LEGEND

- Diamond drill hole (B.C. Hydro)
- Test hole (Meager Creek Dev. Corporation)
- ⊕ Deep rotary drill hole (B.C. Hydro)
- Planned deep rotary drill hole (Meager Creek Dev. Corporation)

~ Warm spring

▤ Moraine

Metres

0 100 200 300 400 500



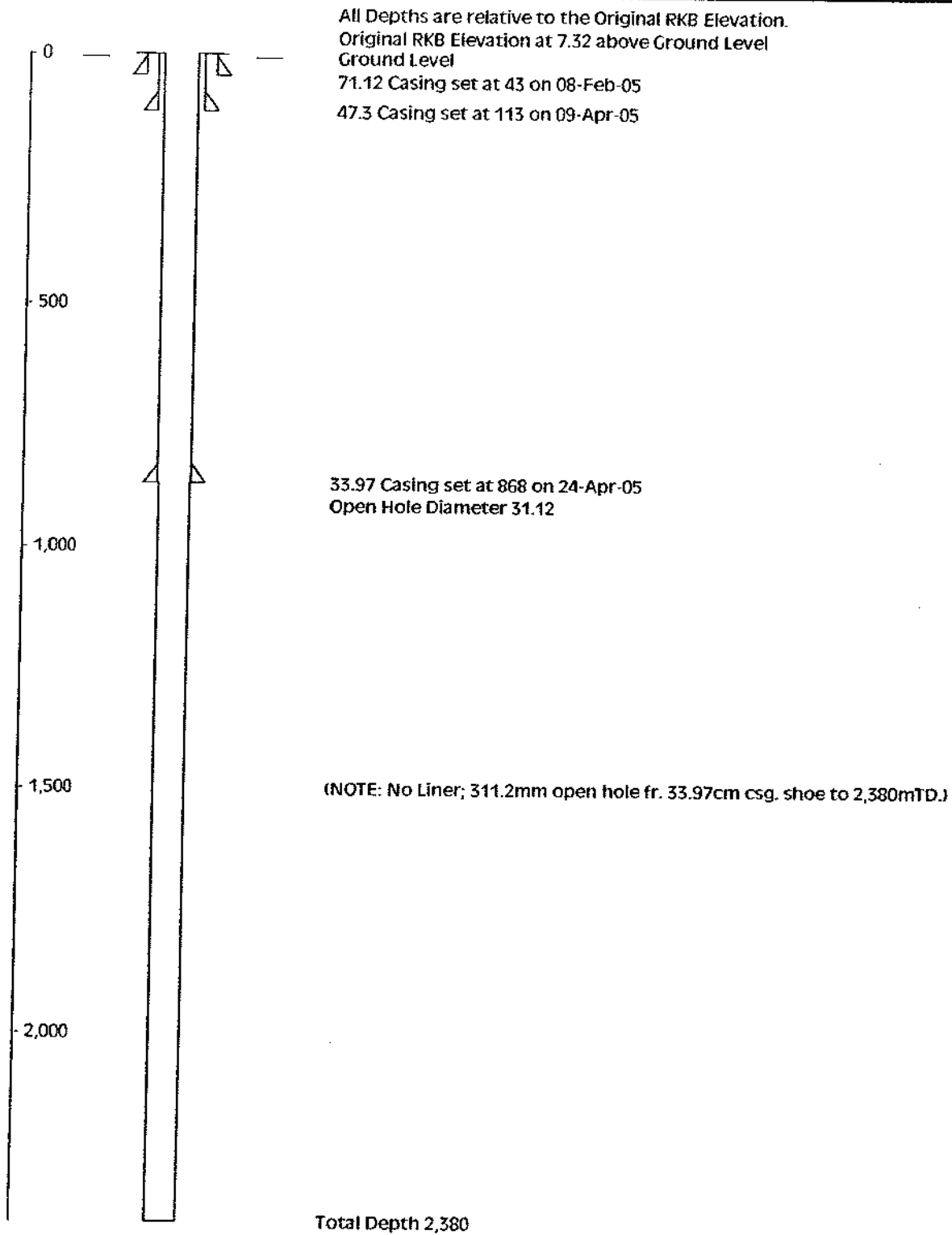
Borehole Schematic

Meager Creek Development Corp.

Well ID: MC-8

Well Name: Meager Creek 8

Well Bore: MC-8

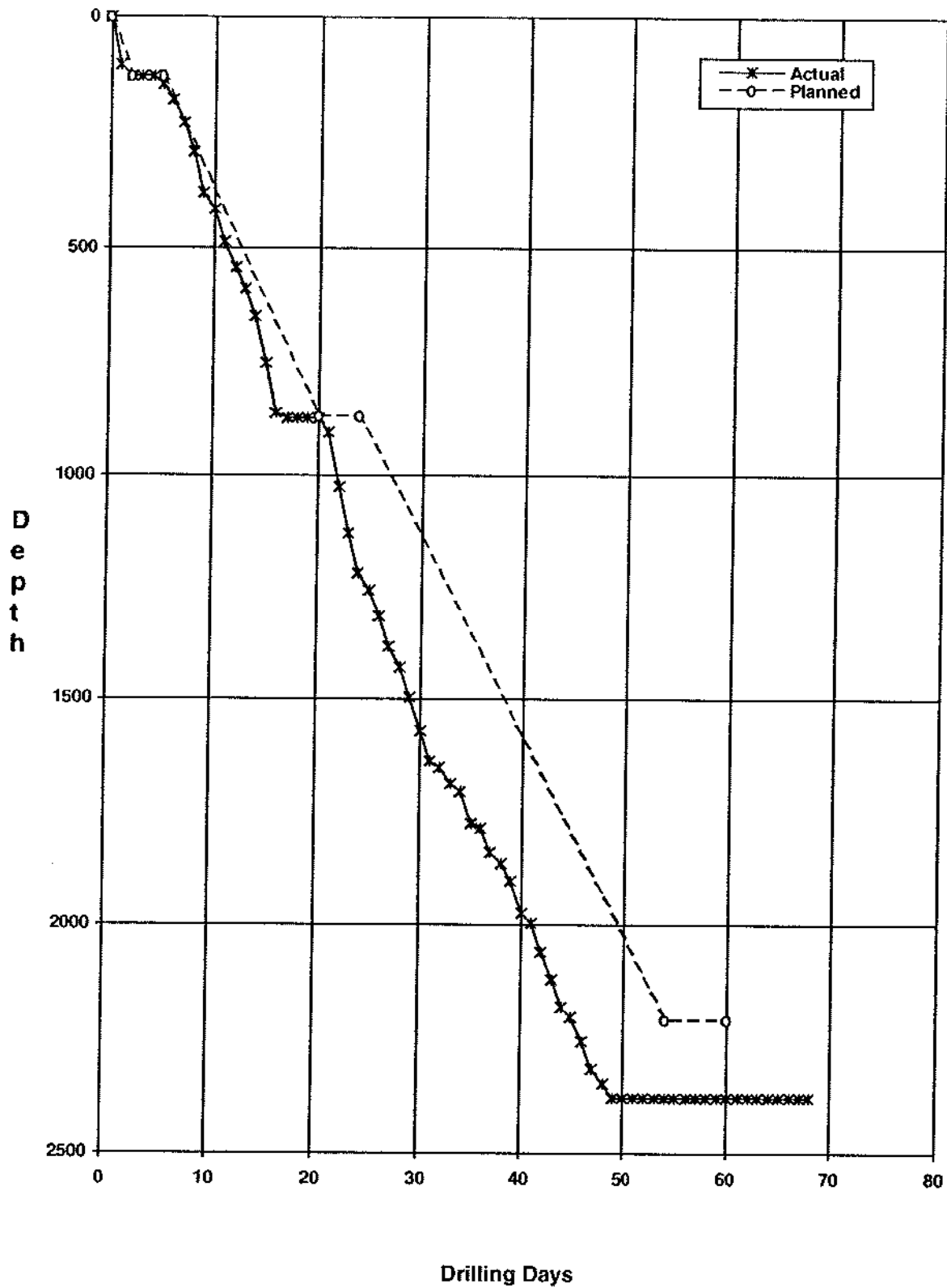


Days Vs Depth Graph

MC-8

Meager Creek Development Corp.

Well Name: Meager Creek 8



Section 2: Daily Drilling Reports; CAODC Tour Sheets



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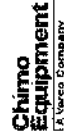
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THE UNIVERSITY OF CHICAGO



Chapter 1

Based on the CAODC ETS file standard

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**Chimo
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DATE

TIME

LOCATION

PROJECT

CLIENT

WELL NAME

WELL NO

WELL DATE

CONTRACTOR

CONTRACT NO

CONTRACT DATE

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**Chinno
Equipment**
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Based on the CAODC ETS file standard

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CHINO ETS SOFTWARE VERSION:



**Chimo
Equipment**
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Based on the CAODC ETS file standard

Page 1 of 4

GENERAL INFORMATION										OPERATOR INFORMATION										DATE INFORMATION									
OPERATOR: PREMIER GOSPOWET CORP ADDRESS: 10000 N. 100th Ave, Suite 100, Edina, MN 55424 PHONE: 612-432-1234 FAX: 612-432-1235 E-MAIL: info@premiergospo.com										OPERATOR: WESLEY GOSPOWET ADDRESS: 10000 N. 100th Ave, Suite 100, Edina, MN 55424 PHONE: 612-432-1234 FAX: 612-432-1235 E-MAIL: info@premiergospo.com										DATE: 28-APR-2008 TIME: 08:00 PROJECT: 10000 N. 100th Ave, Suite 100, Edina, MN 55424									
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2017-06-06 14:00:00

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Based on the CAADC ETS file standard

JOB NO. 2005-04-08-05		DATE 04-May-2005		TIME 08:00		LOCATION 12		WELL NO. 12		WELL NAME 12		WELL TYPE 12		WELL STATUS 12		WELL COMMENTS 12	
JOB NO. 2005-04-08-05		DATE 04-May-2005		TIME 08:00		LOCATION 12		WELL NO. 12		WELL NAME 12		WELL TYPE 12		WELL STATUS 12		WELL COMMENTS 12	
JOB NO. 2005-04-08-05		DATE 04-May-2005		TIME 08:00		LOCATION 12		WELL NO. 12		WELL NAME 12		WELL TYPE 12		WELL STATUS 12		WELL COMMENTS 12	

JOB NO. 2005-04-08-05		DATE 04-May-2005		TIME 08:00		LOCATION 12		WELL NO. 12		WELL NAME 12		WELL TYPE 12		WELL STATUS 12		WELL COMMENTS 12	
JOB NO. 2005-04-08-05		DATE 04-May-2005		TIME 08:00		LOCATION 12		WELL NO. 12		WELL NAME 12		WELL TYPE 12		WELL STATUS 12		WELL COMMENTS 12	
JOB NO. 2005-04-08-05		DATE 04-May-2005		TIME 08:00		LOCATION 12		WELL NO. 12		WELL NAME 12		WELL TYPE 12		WELL STATUS 12		WELL COMMENTS 12	

JOB NO. 2005-04-08-05		DATE 04-May-2005		TIME 08:00		LOCATION 12		WELL NO. 12		WELL NAME 12		WELL TYPE 12		WELL STATUS 12		WELL COMMENTS 12	
JOB NO. 2005-04-08-05		DATE 04-May-2005		TIME 08:00		LOCATION 12		WELL NO. 12		WELL NAME 12		WELL TYPE 12		WELL STATUS 12		WELL COMMENTS 12	
JOB NO. 2005-04-08-05		DATE 04-May-2005		TIME 08:00		LOCATION 12		WELL NO. 12		WELL NAME 12		WELL TYPE 12		WELL STATUS 12		WELL COMMENTS 12	

JOB NO. 2005-04-08-05		DATE 04-May-2005		TIME 08:00		LOCATION 12		WELL NO. 12		WELL NAME 12		WELL TYPE 12		WELL STATUS 12		WELL COMMENTS 12	
JOB NO. 2005-04-08-05		DATE 04-May-2005		TIME 08:00		LOCATION 12		WELL NO. 12		WELL NAME 12		WELL TYPE 12		WELL STATUS 12		WELL COMMENTS 12	
JOB NO. 2005-04-08-05		DATE 04-May-2005		TIME 08:00		LOCATION 12		WELL NO. 12		WELL NAME 12		WELL TYPE 12		WELL STATUS 12		WELL COMMENTS 12	

JOB NO. 2005-04-08-05		DATE 04-May-2005		TIME 08:00		LOCATION 12		WELL NO. 12		WELL NAME 12		WELL TYPE 12		WELL STATUS 12		WELL COMMENTS 12	
JOB NO. 2005-04-08-05		DATE 04-May-2005		TIME 08:00		LOCATION 12		WELL NO. 12		WELL NAME 12		WELL TYPE 12		WELL STATUS 12		WELL COMMENTS 12	
JOB NO. 2005-04-08-05		DATE 04-May-2005		TIME 08:00		LOCATION 12		WELL NO. 12		WELL NAME 12		WELL TYPE 12		WELL STATUS 12		WELL COMMENTS 12	



Based on the CAADC ETS file standard

DATE RELEASE	2005-04-08 08:00	DATE	04-May-2006	TIME	12:00:00	DATE	04-May-2006	TIME	12:00:00
PROJECT	Chimo Equipment	DATE	04-May-2006	TIME	12:00:00	DATE	04-May-2006	TIME	12:00:00
CONTRACTOR	Chimo Equipment	DATE	04-May-2006	TIME	12:00:00	DATE	04-May-2006	TIME	12:00:00
PROJECT	Chimo Equipment	DATE	04-May-2006	TIME	12:00:00	DATE	04-May-2006	TIME	12:00:00
PROJECT	Chimo Equipment	DATE	04-May-2006	TIME	12:00:00	DATE	04-May-2006	TIME	12:00:00

DATE	04-May-2006	TIME	12:00:00	DATE	04-May-2006	TIME	12:00:00
DATE	04-May-2006	TIME	12:00:00	DATE	04-May-2006	TIME	12:00:00
DATE	04-May-2006	TIME	12:00:00	DATE	04-May-2006	TIME	12:00:00
DATE	04-May-2006	TIME	12:00:00	DATE	04-May-2006	TIME	12:00:00

DATE	TIME	DATE	TIME	DATE	TIME	DATE	TIME	DATE	TIME
04-May-2006	12:00:00	04-May-2006	12:00:00	04-May-2006	12:00:00	04-May-2006	12:00:00	04-May-2006	12:00:00
04-May-2006	12:00:00	04-May-2006	12:00:00	04-May-2006	12:00:00	04-May-2006	12:00:00	04-May-2006	12:00:00
04-May-2006	12:00:00	04-May-2006	12:00:00	04-May-2006	12:00:00	04-May-2006	12:00:00	04-May-2006	12:00:00
04-May-2006	12:00:00	04-May-2006	12:00:00	04-May-2006	12:00:00	04-May-2006	12:00:00	04-May-2006	12:00:00

DATE	TIME	DATE	TIME	DATE	TIME	DATE	TIME	DATE	TIME
04-May-2006	12:00:00	04-May-2006	12:00:00	04-May-2006	12:00:00	04-May-2006	12:00:00	04-May-2006	12:00:00
04-May-2006	12:00:00	04-May-2006	12:00:00	04-May-2006	12:00:00	04-May-2006	12:00:00	04-May-2006	12:00:00
04-May-2006	12:00:00	04-May-2006	12:00:00	04-May-2006	12:00:00	04-May-2006	12:00:00	04-May-2006	12:00:00
04-May-2006	12:00:00	04-May-2006	12:00:00	04-May-2006	12:00:00	04-May-2006	12:00:00	04-May-2006	12:00:00

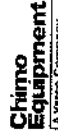
DATE	TIME	DATE	TIME	DATE	TIME	DATE	TIME	DATE	TIME
04-May-2006	12:00:00	04-May-2006	12:00:00	04-May-2006	12:00:00	04-May-2006	12:00:00	04-May-2006	12:00:00
04-May-2006	12:00:00	04-May-2006	12:00:00	04-May-2006	12:00:00	04-May-2006	12:00:00	04-May-2006	12:00:00
04-May-2006	12:00:00	04-May-2006	12:00:00	04-May-2006	12:00:00	04-May-2006	12:00:00	04-May-2006	12:00:00
04-May-2006	12:00:00	04-May-2006	12:00:00	04-May-2006	12:00:00	04-May-2006	12:00:00	04-May-2006	12:00:00

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CELL TYPE	RE-ENTRY	MOVES	STOPS	MIS TO AROUND ELEV.

Figure 1



Based on the CAODC ETS file standard

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Chimno
Equipon

Based on the CAODC ETS file standard

[illegible]



CETS file sta

YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	MB TO QMC	DATE
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	Shock Sub	240	3.17 SERIAL NO.	5070028	pH	152	152
1 Shock Sub	240	3.17 SERIAL NO.	5070028	pH	152	152	

[illegible]

	DATE	TIME LOG	
NO.	CORRELATION	MUD RECORD	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS

Shock Sub	2d	3.17	86RMU NO	5070028	p4	10.8	13706	162	40	162	90
1 Shock Sub	2d	3.17	86RMU NO	5070028	p4	10.8	13706	162	40	162	90

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Based on the CAODC ETS file standard

ETS SERIAL NUMBER: PREC020_2005M16_1A



Based on the CAODC ETS file standard

JOB INFORMATION										LOG INFORMATION										DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS									
JOB NO. 23					DATE 17-May-2006					TIME 08:00					WELL NO. 11200					WELL NAME 11200									
JOB NAME 23					JOB TYPE 23					JOB STATUS 23					JOB COMMENTS 23					JOB REMARKS 23									
LOG INFORMATION LOG NO. 23 LOG DATE 17-May-2006 LOG TIME 08:00 LOG WELL NO. 11200 LOG WELL NAME 11200 LOG COMMENTS 23 LOG REMARKS 23										DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS 1. 08:00 - 08:15 Drilling 11200 2. 08:15 - 08:30 Drilling 11200 3. 08:30 - 08:45 Drilling 11200 4. 08:45 - 09:00 Drilling 11200 5. 09:00 - 09:15 Drilling 11200 6. 09:15 - 09:30 Drilling 11200 7. 09:30 - 09:45 Drilling 11200 8. 09:45 - 10:00 Drilling 11200 9. 10:00 - 10:15 Drilling 11200 10. 10:15 - 10:30 Drilling 11200 11. 10:30 - 10:45 Drilling 11200 12. 10:45 - 11:00 Drilling 11200 13. 11:00 - 11:15 Drilling 11200 14. 11:15 - 11:30 Drilling 11200 15. 11:30 - 11:45 Drilling 11200 16. 11:45 - 12:00 Drilling 11200 17. 12:00 - 12:15 Drilling 11200 18. 12:15 - 12:30 Drilling 11200 19. 12:30 - 12:45 Drilling 11200 20. 12:45 - 13:00 Drilling 11200 21. 13:00 - 13:15 Drilling 11200 22. 13:15 - 13:30 Drilling 11200 23. 13:30 - 13:45 Drilling 11200 24. 13:45 - 14:00 Drilling 11200 25. 14:00 - 14:15 Drilling 11200 26. 14:15 - 14:30 Drilling 11200 27. 14:30 - 14:45 Drilling 11200 28. 14:45 - 15:00 Drilling 11200 29. 15:00 - 15:15 Drilling 11200 30. 15:15 - 15:30 Drilling 11200 31. 15:30 - 15:45 Drilling 11200 32. 15:45 - 16:00 Drilling 11200 33. 16:00 - 16:15 Drilling 11200 34. 16:15 - 16:30 Drilling 11200 35. 16:30 - 16:45 Drilling 11200 36. 16:45 - 17:00 Drilling 11200 37. 17:00 - 17:15 Drilling 11200 38. 17:15 - 17:30 Drilling 11200 39. 17:30 - 17:45 Drilling 11200 40. 17:45 - 18:00 Drilling 11200 41. 18:00 - 18:15 Drilling 11200 42. 18:15 - 18:30 Drilling 11200 43. 18:30 - 18:45 Drilling 11200 44. 18:45 - 19:00 Drilling 11200 45. 19:00 - 19:15 Drilling 11200 46. 19:15 - 19:30 Drilling 11200 47. 19:30 - 19:45 Drilling 11200 48. 19:45 - 20:00 Drilling 11200 49. 20:00 - 20:15 Drilling 11200 50. 20:15 - 20:30 Drilling 11200 51. 20:30 - 20:45 Drilling 11200 52. 20:45 - 21:00 Drilling 11200 53. 21:00 - 21:15 Drilling 11200 54. 21:15 - 21:30 Drilling 11200 55. 21:30 - 21:45 Drilling 11200 56. 21:45 - 22:00 Drilling 11200 57. 22:00 - 22:15 Drilling 11200 58. 22:15 - 22:30 Drilling 11200 59. 22:30 - 22:45 Drilling 11200 60. 22:45 - 23:00 Drilling 11200 61. 23:00 - 23:15 Drilling 11200 62. 23:15 - 23:30 Drilling 11200 63. 23:30 - 23:45 Drilling 11200 64. 23:45 - 00:00 Drilling 11200 65. 00:00 - 00:15 Drilling 11200 66. 00:15 - 00:30 Drilling 11200 67. 00:30 - 00:45 Drilling 11200 68. 00:45 - 01:00 Drilling 11200 69. 01:00 - 01:15 Drilling 11200 70. 01:15 - 01:30 Drilling 11200 71. 01:30 - 01:45 Drilling 11200 72. 01:45 - 02:00 Drilling 11200 73. 02:00 - 02:15 Drilling 11200 74. 02:15 - 02:30 Drilling 11200 75. 02:30 - 02:45 Drilling 11200 76. 02:45 - 03:00 Drilling 11200 77. 03:00 - 03:15 Drilling 11200 78. 03:15 - 03:30 Drilling 11200 79. 03:30 - 03:45 Drilling 11200 80. 03:45 - 04:00 Drilling 11200 81. 04:00 - 04:15 Drilling 11200 82. 04:15 - 04:30 Drilling 11200 83. 04:30 - 04:45 Drilling 11200 84. 04:45 - 05:00 Drilling 11200 85. 05:00 - 05:15 Drilling 11200 86. 05:15 - 05:30 Drilling 11200 87. 05:30 - 05:45 Drilling 11200 88. 05:45 - 06:00 Drilling 11200 89. 06:00 - 06:15 Drilling 11200 90. 06:15 - 06:30 Drilling 11200 91. 06:30 - 06:45 Drilling 11200 92. 06:45 - 07:00 Drilling 11200 93. 07:00 - 07:15 Drilling 11200 94. 07:15 - 07:30 Drilling 11200 95. 07:30 - 07:45 Drilling 11200 96. 07:45 - 08:00 Drilling 11200 97. 08:00 - 08:15 Drilling 11200 98. 08:15 - 08:30 Drilling 11200 99. 08:30 - 08:45 Drilling 11200 100. 08:45 - 09:00 Drilling 11200 101. 09:00 - 09:15 Drilling 11200 102. 09:15 - 09:30 Drilling 11200 103. 09:30 - 09:45 Drilling 11200 104. 09:45 - 10:00 Drilling 11200 105. 10:00 - 10:15 Drilling 11200 106. 10:15 - 10:30 Drilling 11200 107. 10:30 - 10:45 Drilling 11200 108. 10:45 - 11:00 Drilling 11200 109. 11:00 - 11:15 Drilling 11200 110. 11:15 - 11:30 Drilling 11200 111. 11:30 - 11:45 Drilling 11200 112. 11:45 - 12:00 Drilling 11200 113. 12:00 - 12:15 Drilling 11200 114. 12:15 - 12:30 Drilling 11200 115. 12:30 - 12:45 Drilling 11200 116. 12:45 - 13:00 Drilling 11200 117. 13:00 - 13:15 Drilling 11200 118. 13:15 - 13:30 Drilling 11200 119. 13:30 - 13:45 Drilling 11200 120. 13:45 - 14:00 Drilling 11200 121. 14:00 - 14:15 Drilling 11200 122. 14:15 - 14:30 Drilling 11200 123. 14:30 - 14:45 Drilling 11200 124. 14:45 - 15:00 Drilling 11200 125. 15:00 - 15:15 Drilling 11200 126. 15:15 - 15:30 Drilling 11200 127. 15:30 - 15:45 Drilling																			



ADDITIONAL PAGE NO. 17

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Chino Equipment
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CAADC

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Western Geoprobe Corp

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CAADC

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22-May-2006

Western Geoprobe Corp

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Equipment**
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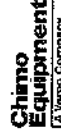
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**Chimo
Equipment**
A Varco Company

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GENERAL INFORMATION										LOGS										DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS									
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DATE	TIME	LOCATION	DEPTH	REMARKS	DATE	TIME	LOCATION	DEPTH	REMARKS	DATE	TIME	LOCATION	DEPTH	REMARKS	DATE	TIME	LOCATION	DEPTH	REMARKS	DATE	TIME	LOCATION	DEPTH	REMARKS					
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LOGS 1. Borehole Log 2. Core Log 3. Sample Log 4. Test Log 5. Observation Log										OPERATION DATA 1. Drilling 2. Pumping 3. Mixing 4. Transporting 5. Storing										SEQUENCE DATA 1. Sequence 1 2. Sequence 2 3. Sequence 3 4. Sequence 4 5. Sequence 5									
REMARKS All operations completed successfully. No abnormalities observed.										REMARKS All operations completed successfully. No abnormalities observed.										REMARKS All operations completed successfully. No abnormalities observed.									



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EE S SERIAL NUMBER: PREC020_20050427_1A



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DAILY CHECKS										DAILY LOG										DAILY RECORD										DAILY LOG										DAILY RECORD									
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Crino Equipment

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[illegible][illegible]



FILE TYPE	PC-ENTRY	DATA RETURN FILE
Based on the CAODC ETS file standard		

[illegible]

CAADC logo and header information. Form sections include: 1. General Information (Job No, Date, Location, etc.), 2. Well Log (Depth, Time, etc.), 3. Mud Record (Mud Type, Weight, etc.), 4. Bit Record (Bit Size, Depth, etc.), 5. Hole Condition (Hole Size, etc.), 6. Details of Operations in Sequence and Remarks (Detailed log of operations).

Section 3: Directional Survey Data, (Baker Hughes INTEQ)



Appendix A

Completed Directional Drilling Plan
Meager Creek MC-8



INTEQ

FINAL SURVEY LISTING

by:

Baker Hughes INTEQ

for:

WESTERN GEOPower CORP.

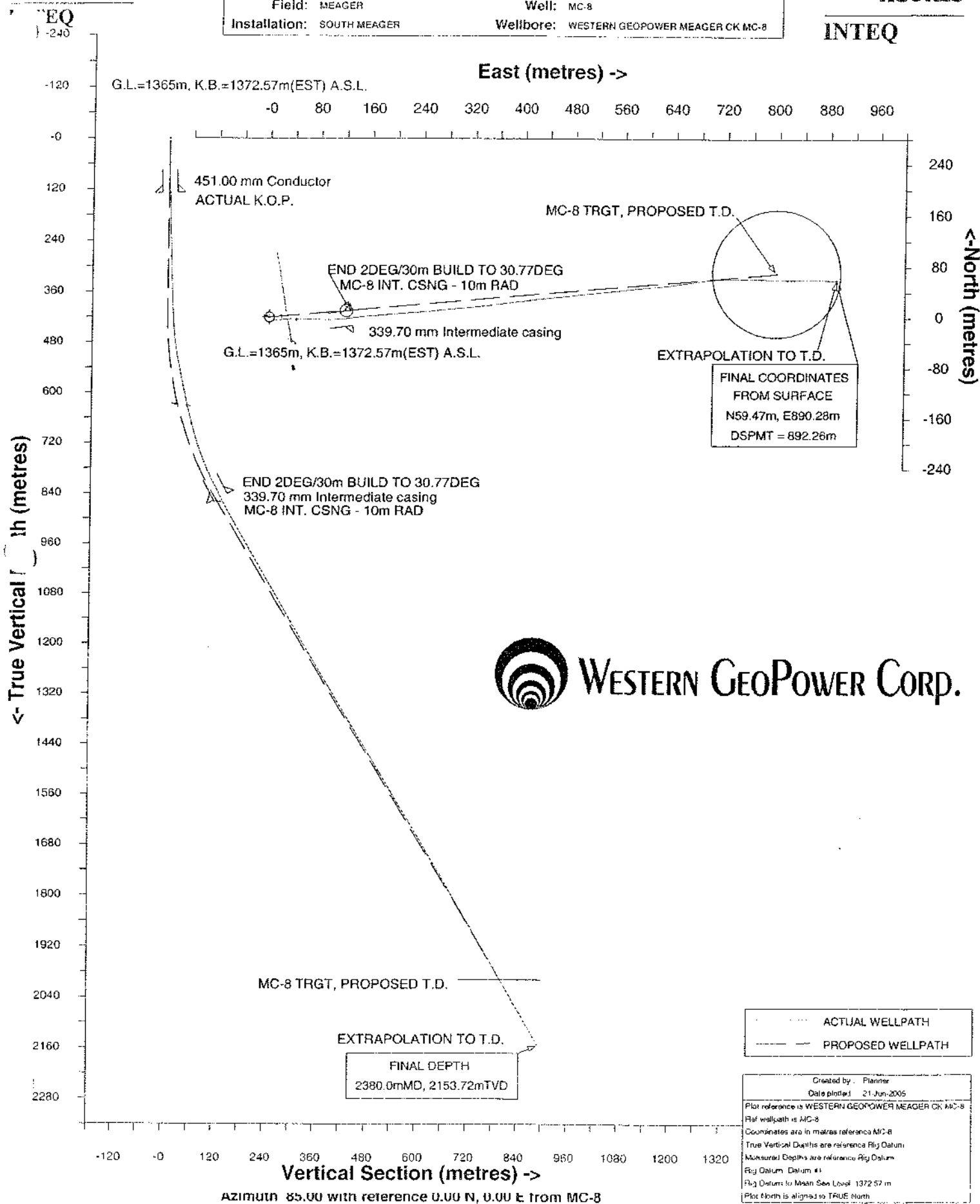
Well:

WESTERN GEOPower MEAGER CK MC-8

SRFC a-92-A/92-J-12
SOUTH MEAGER
BRITISH COLUMBIA, CANADA

Location: BRITISH COLUMBIA, CANADA Slot: MC-8
Field: MEAGER Well: MC-8
Installation: SOUTH MEAGER Wellbore: WESTERN GEOPower MEAGER CK MC-8

INTEQ



Wellbore

Name	Created	Last Revised	Wellbore Unique Identifier
WESTERN GEOPOWER MEAGER CREEK MC-8	13-Apr-2005	21-Jun-2005	

Well

Wellhead Local Position	Government ID	Last Revised
MC-8		11-Jan-2005

Slot

Name	Grid Northing	Grid Easting	Latitude	Longitude	North	East
MC-8	5603051.9717	463218.5955	N50 34 41.5952	W123 31 10.1439	13.00N	11.00W

Installation

Name	Easting	Northing	Coord System Name	North Alignment
SOUTH MEAGER	463229.5000	5603038.9000	NAD83-UTM-10N on NORTH AMERICAN DATUM 1983 datum	True

Field

Name	Easting	Northing	Coord System Name	North Alignment
MEAGER	463229.5000	5603038.9000	NAD83-UTM-10N on NORTH AMERICAN DATUM 1983 datum	True

Created By

Comments

Final Directional Survey

All data is in Metres unless otherwise stated
 Coordinates are from Slot MD's are from Rig and TVD's are from Rig (Datum #2 1372.6m above Mean Sea Level)
 Vertical Section is from 0.00N 0.00E on azimuth 85.00 degrees
 Bottom hole distance is 892.26 Metres on azimuth 86.18 degrees from Wellhead
 Calculation method uses Minimum Curvature method
 Prepared by Baker Hughes Incorporated

Wellpath Report

MD[m]	Inc[deg]	Azi[deg]	TVD[m]	North[m]	East[m]	Dogleg [deg/30m]	Vertical Section[m]	Station Comment
0.00	0.00	0.00	0.00	0.00N	0.00E	0.00	0.00	
126.30	3.30	141.40	126.23	2.84S	2.27E	0.78	2.01	
128.00	3.30	141.40	127.93	2.92S	2.33E	0.00	2.07	451.00 mm Conductor
134.40	3.30	141.40	134.32	3.21S	2.56E	0.00	2.27	
144.00	3.05	138.96	143.90	3.62S	2.90E	0.88	2.57	ACTUAL K.O.P.
150.10	2.90	137.20	149.99	3.85S	3.11E	0.88	2.76	
170.20	2.80	136.50	170.07	4.58S	3.79E	0.16	3.38	
189.60	2.50	136.50	189.45	5.23S	4.41E	0.46	3.94	
208.30	2.00	118.90	208.13	5.68S	4.98E	1.36	4.46	
225.00	1.90	95.70	224.82	5.85S	5.51E	1.42	4.98	
243.50	1.90	88.30	243.31	5.87S	6.12E	0.40	5.59	
262.40	1.90	72.90	262.20	5.77S	6.73E	0.81	6.20	
283.30	2.20	69.70	283.09	5.53S	7.44E	0.46	6.93	
302.20	2.10	66.00	301.98	5.26S	8.10E	0.27	7.61	
320.40	2.30	68.00	320.16	4.99S	8.74E	0.35	8.27	
340.30	2.20	77.00	340.05	4.76S	9.48E	0.55	9.03	
356.00	2.40	78.90	355.74	4.63S	10.10E	0.41	9.66	
371.00	2.40	83.40	370.72	4.53S	10.72E	0.38	10.28	
393.70	2.70	79.80	393.40	4.38S	11.72E	0.45	11.29	
414.40	3.50	88.00	414.07	4.27S	12.83E	1.32	12.41	
433.00	4.40	84.80	432.63	4.19S	14.11E	1.49	13.69	
451.80	5.80	86.30	451.35	4.06S	15.77E	2.24	15.36	
470.50	6.70	84.50	470.54	3.89S	17.87E	1.43	17.46	
488.79	7.70	81.30	488.79	3.60S	20.15E	1.76	19.76	
508.20	9.60	84.10	507.28	3.25S	22.94E	3.12	22.57	
527.00	10.80	85.20	525.78	2.94S	26.26E	1.94	25.90	
545.90	11.60	88.00	544.32	2.73S	29.92E	1.54	29.57	
564.50	12.30	90.50	562.52	2.68S	33.77E	1.40	33.41	
581.40	12.50	89.10	579.02	2.67S	37.40E	0.64	37.03	
602.10	12.20	90.50	599.24	2.65S	41.83E	0.61	41.44	
620.80	12.90	91.50	617.50	2.72S	45.89E	1.18	45.48	
640.20	13.70	91.80	636.38	2.85S	50.35E	1.24	49.91	
656.10	14.10	89.80	651.81	2.90S	54.17E	1.18	53.71	
675.10	15.00	93.30	670.20	3.04S	58.94E	1.99	58.45	
685.00	15.50	93.30	679.75	3.19S	61.54E	1.52	61.03	
704.20	16.70	92.20	698.20	3.44S	66.86E	1.93	66.30	
723.80	17.90	90.50	716.91	3.57S	72.68E	1.99	72.10	
741.60	19.20	91.20	733.79	3.66S	78.34E	2.22	77.73	
760.60	20.90	90.80	751.63	3.77S	84.86E	2.69	84.21	
779.20	22.50	90.10	768.92	3.83S	91.73E	2.61	91.05	
798.40	23.80	88.40	786.57	3.72S	99.28E	2.28	98.58	
816.80	24.80	85.50	803.34	3.32S	106.84E	2.54	106.14	
835.80	26.30	84.50	820.48	2.60S	115.00E	2.46	114.34	
854.00	27.20	84.50	836.73	1.81S	123.16E	1.48	122.53	
868.00	27.27	82.66	849.18	1.10S	129.52E	1.81	128.93	339.70 mm Surface casing
873.00	27.30	82.00	853.63	0.79S	131.79E	1.81	131.22	
892.70	27.70	83.00	871.10	0.39N	140.81E	0.93	140.31	
910.40	29.10	84.00	886.67	1.35N	149.18E	2.51	148.73	
930.40	29.90	85.20	904.08	2.27N	158.98E	1.49	158.57	
957.00	30.30	85.20	927.09	3.39N	172.28E	0.45	171.91	
985.70	30.10	85.50	951.89	4.56N	186.66E	0.26	186.35	

All data is in Metres unless otherwise stated
Coordinates are from Slot MD's are from Rig and TVD's are from Rig (Datum #2 1372.6m above Mean Sea Level)
Vertical Section is from 0.00N 0.00E on azimuth 85.00 degrees
Bottom hole distance is 892.26 Metres on azimuth 86.18 degrees from Wellhead
Calculation method uses Minimum Curvature method
Prepared by Baker Hughes Incorporated

Wellpath Report

MD[m]	Inc[deg]	Azi[deg]	TVD[m]	North[m]	East[m]	Dogleg [deg/30m]	Vertical Section[m]	Station Comment
1005.40	29.90	85.20	968.96	5.36N	196.48E	0.38	196.20	
1032.30	29.90	85.50	992.27	6.44N	209.85E	0.17	209.61	
1050.90	29.90	85.60	1008.40	7.16N	219.09E	0.08	218.88	
1069.90	29.90	86.30	1024.87	7.83N	228.54E	0.55	228.35	
1088.60	30.10	85.50	1041.07	8.50N	237.86E	0.72	237.70	
1107.30	30.00	84.80	1057.25	9.29N	247.19E	0.58	247.06	
1126.00	29.90	84.10	1073.45	10.19N	256.49E	0.58	256.40	
1144.70	29.90	84.10	1089.67	11.15N	265.76E	0.00	265.72	
1163.70	29.80	83.80	1106.15	12.15N	275.16E	0.28	275.17	
1182.50	29.80	84.50	1122.46	13.10N	284.46E	0.56	284.52	
1202.00	29.60	85.20	1139.40	13.97N	294.08E	0.62	294.18	
1230.70	29.60	84.50	1164.35	15.24N	308.20E	0.36	308.35	
1249.70	30.20	84.50	1180.82	16.15N	317.63E	0.95	317.82	
1269.00	30.50	83.80	1197.48	17.14N	327.33E	0.72	327.58	
1312.50	30.50	82.70	1234.96	19.74N	349.25E	0.39	349.64	
1326.30	30.40	83.40	1246.86	20.59N	356.19E	0.80	356.83	
1345.30	30.60	83.10	1263.23	21.72N	365.77E	0.40	366.27	
1383.30	30.70	82.40	1295.92	24.16N	384.99E	0.29	385.63	
1402.60	30.70	82.70	1312.51	25.44N	394.76E	0.24	395.47	
1431.30	30.90	83.10	1337.17	27.26N	409.34E	0.30	410.16	
1450.60	30.50	83.40	1353.76	28.41N	419.12E	0.67	420.01	
1469.50	30.10	83.80	1370.08	29.48N	428.60E	0.71	429.54	
1488.50	30.70	83.80	1386.47	30.52N	438.16E	0.95	439.15	
1507.50	30.80	83.80	1406.23	31.79N	449.85E	0.13	450.91	
1527.10	30.70	84.10	1419.64	32.63N	457.78E	0.35	458.88	
1546.20	30.90	84.10	1436.05	33.63N	467.51E	0.31	468.66	
1565.70	30.90	84.10	1452.78	34.66N	477.47E	0.00	478.67	
1584.50	31.00	83.80	1468.90	35.68N	487.08E	0.29	488.34	
1603.50	30.80	84.10	1485.20	36.71N	496.79E	0.40	498.10	
1622.50	30.70	84.10	1501.53	37.71N	506.45E	0.16	507.81	
1651.80	30.60	83.80	1526.74	39.28N	521.30E	0.19	522.75	
1670.20	30.80	83.40	1542.56	40.33N	530.64E	0.47	532.14	
1698.50	30.80	82.70	1566.87	42.08N	545.02E	0.38	546.62	
1717.80	31.00	83.10	1583.43	43.31N	554.86E	0.45	556.52	
1736.40	31.30	83.80	1599.35	44.41N	564.42E	0.76	566.14	
1755.60	31.00	83.10	1615.78	45.54N	574.28E	0.73	576.07	
1788.30	30.30	85.00	1643.91	47.27N	590.86E	1.10	592.73	
1807.00	29.80	85.00	1660.10	48.09N	600.19E	0.80	602.10	
1828.90	30.10	85.60	1679.07	48.98N	611.09E	0.58	613.03	
1846.50	30.30	83.60	1694.29	49.81N	619.90E	1.75	621.88	
1864.00	30.50	82.70	1709.38	50.87N	628.69E	0.85	630.73	
1892.30	30.30	81.70	1733.79	52.81N	642.88E	0.58	645.04	
1958.00	29.70	81.70	1790.69	57.56N	675.39E	0.27	677.83	
1970.80	29.60	82.00	1801.81	58.45N	681.65E	0.42	684.16	
1989.50	29.90	83.80	1818.05	59.60N	690.86E	1.51	693.43	
2008.40	30.20	85.90	1834.41	60.45N	700.29E	1.74	702.89	
2027.60	30.20	87.30	1851.00	61.02N	709.93E	1.10	712.54	
2046.60	30.20	89.00	1867.42	61.33N	719.48E	1.35	722.09	
2065.80	30.20	89.40	1884.02	61.46N	729.14E	0.31	731.72	
2084.90	30.70	90.50	1900.48	61.47N	738.82E	1.18	741.36	
2104.00	30.60	89.80	1916.91	61.45N	748.55E	0.58	751.06	

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Vertical Section is from 0.00N 0.00E on azimuth 85.00 degrees
Bottom hole distance is 892.26 Metres on azimuth 86.18 degrees from Wellhead
Calculation method uses Minimum Curvature method
Prepared by Baker Hughes Incorporated

Wellpath Report

MD[m]	Inc[deg]	Azi[deg]	TVD[m]	North[m]	East[m]	Dogleg [deg/30m]	Vertical Section[m]	Station Comment
2123.10	31.00	90.80	1933.32	61.39N	758.33E	1.02	760.80	
2142.20	31.50	90.50	1949.65	61.28N	768.24E	0.82	770.66	
2161.30	31.00	92.60	1965.98	61.02N	778.14E	1.88	780.50	
2180.90	30.60	92.20	1982.81	60.59N	788.17E	0.69	790.45	
2198.50	30.40	92.60	1997.98	60.22N	797.10E	0.49	799.31	
2218.10	30.40	91.20	2014.88	59.89N	807.01E	1.08	809.16	
2229.30	30.90	90.80	2024.52	59.79N	812.72E	1.45	814.83	
2248.30	30.90	89.10	2040.82	59.80N	822.47E	1.38	824.55	
2256.50	30.90	88.40	2047.86	59.89N	826.68E	1.32	828.76	
2275.50	31.40	89.10	2064.12	60.11N	836.51E	0.97	838.56	
2294.90	31.60	89.10	2080.66	60.27N	846.64E	0.31	848.67	
2314.20	31.00	90.50	2097.15	60.30N	856.67E	1.47	858.67	
2325.10	30.70	91.50	2106.51	60.20N	862.26E	1.64	864.22	
2380.00	30.70	91.50	2153.72	59.47N	890.28E	0.00	892.07	EXTRAPOLATION TO T.D.

All data is in Metres unless otherwise stated

Coordinates are from Slot MD's are from Rig and TVD's are from Rig (Datum #2 1372.6m above Mean Sea Level)

Vertical Section is from 0.00N 0.00E on azimuth 85.00 degrees

Bottom hole distance is 892.26 Metres on azimuth 86.18 degrees from Wellhead

Calculation method uses Minimum Curvature method

Prepared by Baker Hughes Incorporated

Comments

MD[m]	TVD[m]	North[m]	East[m]	Comment
144.00	143.90	3.62S	2.90E	ACTUAL K.O.P.
2380.00	2153.72	59.47N	890.28E	EXTRAPOLATION TO T.D.

Hole Sections

Diameter [mm]	Start MD[m]	Start TVD[m]	Start North[m]	Start East[m]	End MD[m]	End TVD[m]	End North[m]	Start East[m]	Wellbore
600.900	0.00	0.00	0.00N	0.00E	128.00	127.93	2.92S	2.33E	WESTERN GEOPOWER MEAGER CREEK MC-8
444 1/2	128.00	127.93	2.92S	2.33E	872.00	852.74	0.86S	131.34E	WESTERN GEOPOWER MEAGER CREEK MC-8
311.000	872.00	852.74	0.86S	131.34E	2380.00	2153.72	59.47N	890.28E	WESTERN GEOPOWER MEAGER CREEK MC-8

Casings

Name	Top MD[m]	Top TVD[m]	Top North[m]	Top East[m]	Shoe MD[m]	Shoe TVD[m]	Shoe North[m]	Shoe East[m]	Wellbore
451.00 mm	0.00	0.00	0.00N	0.00E	128.00	127.93	2.92S	2.33E	WESTERN GEOPOWER MEAGER CREEK MC-8
3.170 mm Surface casing	0.00	0.00	0.00N	0.00E	868.00	849.18	1.10S	129.52E	WESTERN GEOPOWER MEAGER CREEK MC-8

Survey Tool Program

Reference	Survey Name	MD[m]	TVD[m]	Survey Tool	Error Model
662859	TELECO MWD SVY	2380.00	2153.72	DDS (collar)	Standard

All data is in Metres unless otherwise stated
 Coordinates are from Slot MD's are from Rig and TVD's are from Rig (Datum #2 1372.6m above Mean Sea Level)
 Vertical Section is from 0.00N 0.00E on azimuth 85.00 degrees
 Bottom hole distance is 892.26 Metres on azimuth 86.18 degrees from Wellhead
 Calculation method uses Minimum Curvature method
 Prepared by Baker Hughes Incorporated

Section 4: Casing Reports, (RIMBase Files)

Casing Report

Meager Creek Development Corp.

Well ID: MC-8

Well Name: Meager Creek 8

Page 1

Run Date/Time:	08-Feb-05 8:00		
Well Section:	COND	String Type:	FULL
String Top MD:	0.0 m	String Top TVD:	m
Casing Shoe MD:	43.0 m	Casing Shoe TVD:	m
String Nominal OD:	71.12 cm	String Nominal ID:	cm
Bit Diameter:	71.12 cm	Avg. Open Hole Diam.:	cm
Centralizers: No:	0	Manufacturer:	Type:
Depths:			
Hanger: Type:		Manufacturer:	
Comments:			
Conductor pipe pre-installed using air rotarty rig with ODEX system			

Printed: 14:25 20-Mar-06

End of Report

Casing Report

Meager Creek Development Corp.

Well ID: MC-8

Well Name: Meager Creek 8

Page 1

Run Date/Time:	09-Apr-05 20:00		
Well Section:	SURF	String Type:	FULL
String Top MD:	0.0 m	String Top TVD:	m
Casing Shoe MD:	113.0 m	Casing Shoe TVD:	m
String Nominal OD:	47.30 cm	String Nominal ID:	cm
Bit Diameter:	60.90 cm	Avg. Open Hole Diam.:	cm
Centralizers: No:	0	Manufacturer: HALLBTN	Type:
Depths:			
Hanger: Type:		Manufacturer:	
Comments:			

Printed: 14:25 20-Mar-06

End of Report

Casing Tally Joint List

Meager Creek Development Corp.

Well ID: MC-8

Well Name: Meager Creek 8

Page 1

String Nominal OD: 47.30 cm

No.	Length	O.D.	Weight	Grade	Connection	Comments	Exclude	Total
0	0.610	47.30	130.0	K-55	BUTT	Float collar		
0	0.540	47.30	130.0	K-55	BUTT	Float shoe		
1	12.470	47.30	130.0	K-55	BUTT			
2	12.670	47.30	130.0	K-55	BUTT			
3	12.480	47.30	130.0	K-55	BUTT			38.770
4	12.500	47.30	130.0	K-55	BUTT			
5	12.810	47.30	130.0	K-55	BUTT			
6	11.630	47.30	130.0	K-55	BUTT			
7	12.670	47.30	130.0	K-55	BUTT			
8	12.940	47.30	130.0	K-55	BUTT			62.550
9	12.270	47.30	130.0	K-55	BUTT			12.270
Joints: Used: 11 Excluded: 0 Total: 11 Length Used: 113.590								

Printed: 14:28 20-Mar-06

End of Report

Casing Report

Meager Creek Development Corp.

Well ID: MC-8

Well Name: Meager Creek 8

Page 1

Run Date/Time:	24-Apr-05 14:30		
Well Section:	INT1	String Type:	FULL
String Top MD:	0.0 m	String Top TVD:	m
Casing Shoe MD:	868.0 m	Casing Shoe TVD:	m
String Nominal OD:	33.97 cm	String Nominal ID:	cm
Bit Diameter:	44.45 cm	Avg. Open Hole Diam.:	cm
Centralizers: No:	0	Manufacturer: HALLBTN	Type:
Depths:			
Hanger: Type:		Manufacturer:	
Comments:			

Printed: 14:25 20-Mar-06

End of Report

Casing Tally Joint List**Meager Creek Development Corp.**

Well ID: MC-8

Well Name: Meager Creek 8

Page 1

String Nominal OD: 33.97 cm

No.	Length	O.D.	Weight	Grade	Connection	Comments	Exclude	Total
0	0.560	33.97	107.2	K-55	BUTT	Float collar		
0	0.560	33.97	107.2	K-55	BUTT	Float shoe		
1	12.330	33.97	107.2	K-55	BUTT			
2	12.470	33.97	107.2	K-55	BUTT			
3	11.840	33.97	107.2	K-55	BUTT			37.760
4	11.330	33.97	107.2	K-55	BUTT			
5	12.980	33.97	107.2	K-55	BUTT			
6	11.820	33.97	107.2	K-55	BUTT			
7	12.400	33.97	107.2	K-55	BUTT			
8	12.480	33.97	107.2	K-55	BUTT			61.010
9	12.280	33.97	107.2	K-55	BUTT			
10	12.320	33.97	107.2	K-55	BUTT			
11	11.670	33.97	107.2	K-55	BUTT			
12	12.840	33.97	107.2	K-55	BUTT			
13	12.480	33.97	107.2	K-55	BUTT			61.590
14	12.410	33.97	107.2	K-55	BUTT			
15	12.170	33.97	107.2	K-55	BUTT			
16	12.130	33.97	107.2	K-55	BUTT			
17	12.550	33.97	107.2	K-55	BUTT			
18	12.480	33.97	107.2	K-55	BUTT			61.740
19	12.230	33.97	107.2	K-55	BUTT			
20	11.950	33.97	107.2	K-55	BUTT			
21	12.380	33.97	107.2	K-55	BUTT			
22	12.510	33.97	107.2	K-55	BUTT			
23	12.410	33.97	107.2	K-55	BUTT			61.480
24	12.640	33.97	107.2	K-55	BUTT			
25	12.100	33.97	107.2	K-55	BUTT			
26	12.390	33.97	107.2	K-55	BUTT			
27	12.400	33.97	107.2	K-55	BUTT			
28	12.210	33.97	107.2	K-55	BUTT			61.740
29	13.830	33.97	107.2	K-55	BUTT			
30	12.220	33.97	107.2	K-55	BUTT			
31	12.510	33.97	107.2	K-55	BUTT			
32	12.020	33.97	107.2	K-55	BUTT			
33	12.350	33.97	107.2	K-55	BUTT			62.930

Casing Tally Joint List**Meager Creek Development Corp.**

Well ID: MC-8

Well Name: Meager Creek 8

Page 2

String Nominal OD: 33.970

No.	Length	O.D.	Weight	Grade	Connection	Comments	Exclude	Total
34	12.290	33.97	107.2	K-55	BUTT			
35	13.740	33.97	107.2	K-55	BUTT			
36	12.240	33.97	107.2	K-55	BUTT			
37	11.920	33.97	107.2	K-55	BUTT			
38	13.890	33.97	107.2	K-55	BUTT			64.080
39	12.120	33.97	107.2	K-55	BUTT			
40	12.380	33.97	107.2	K-55	BUTT			
41	11.800	33.97	107.2	K-55	BUTT			
42	12.300	33.97	107.2	K-55	BUTT			
43	11.580	33.97	107.2	K-55	BUTT			60.180
44	12.540	33.97	107.2	K-55	BUTT			
45	12.310	33.97	107.2	K-55	BUTT			
46	12.020	33.97	107.2	K-55	BUTT			
47	11.820	33.97	107.2	K-55	BUTT			
48	12.530	33.97	107.2	K-55	BUTT			61.220
49	11.450	33.97	107.2	K-55	BUTT			
50	11.990	33.97	107.2	K-55	BUTT			
51	12.190	33.97	107.2	K-55	BUTT			
52	13.320	33.97	107.2	K-55	BUTT			
53	11.720	33.97	107.2	K-55	BUTT			60.670
54	12.490	33.97	107.2	K-55	BUTT			
55	13.340	33.97	107.2	K-55	BUTT			
56	12.290	33.97	107.2	K-55	BUTT			
57	11.540	33.97	107.2	K-55	BUTT			
58	12.440	33.97	107.2	K-55	BUTT			62.100
59	14.040	33.97	107.2	K-55	BUTT			
60	12.510	33.97	107.2	K-55	BUTT			
61	12.190	33.97	107.2	K-55	BUTT			
62	12.160	33.97	107.2	K-55	BUTT			
63	11.970	33.97	107.2	K-55	BUTT			62.870
64	13.340	33.97	107.2	K-55	BUTT			
65	11.700	33.97	107.2	K-55	BUTT			
66	14.030	33.97	107.2	K-55	BUTT			
67	11.830	33.97	107.2	K-55	BUTT			
68	14.000	33.97	107.2	K-55	BUTT			64.900

Casing Tally Joint List

Meager Creek Development Corp.

Well ID: MC-8

Well Name: Meager Creek 8

Page 3

String Nominal OD: 33.970

No.	Length	O.D.	Weight	Grade	Connection	Comments	Exclude	Total
69	11.600	33.97	107.2	K-55	BUTT			
70	12.370	33.97	107.2	K-55	BUTT			23.970
Joints: Used: 72 Excluded: 0 Total: 72 Length Used: 868.240								

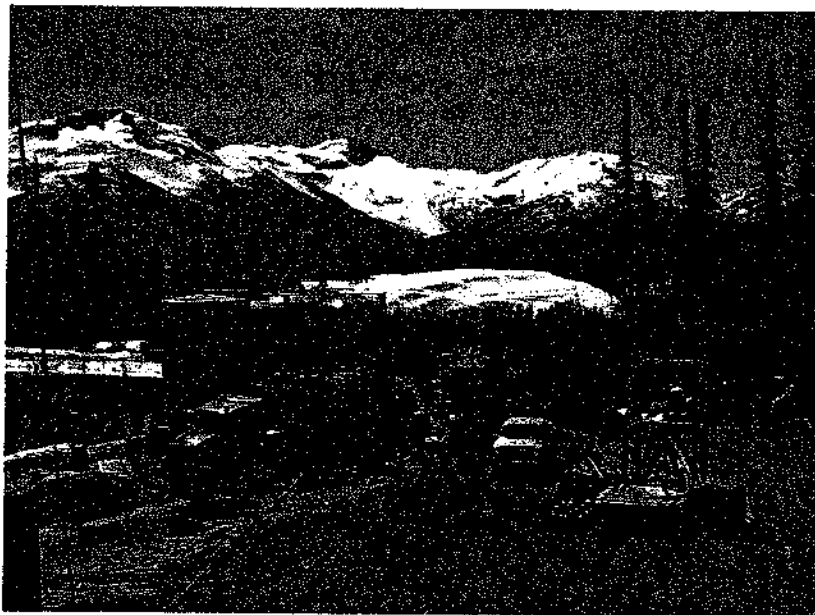
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End of Report

Section 5: Cementing Report, (Halliburton)



**Meager Creek Development Corporation
Ste. 411 – 837 West Hasting St.
Vancouver, British Columbia
V6C 3N6**



**SOUTH MEAGER GEOTHERMAL PROJECT
ZONAL ISOALTION**

**MC-8
POST JOB REPORT**

**Prepared for: Mr. Andrew Ryder & Mr. Russ Silva
June 5th, 2005
Version: 1**

**Prepared by:
Chris Quinton
Halliburton Energy Services
Grande Prairie, AB
(780) 402-4215**

HALLIBURTON

HALLIBURTON

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HALLIBURTON

1 MC-8

1.1 SURFACE CEMENT JOB

1.1.1 JOB DATA

DATE: April 10, 2005

HOLE: 609.0 mm

CASING: 473.08 mm, 130.21 kg/m, L-80 landed at 128 m

BHST: 25°C (est)

OBJECTIVE: Perform a successful surface cement job.

SPACER: Super Flush 102

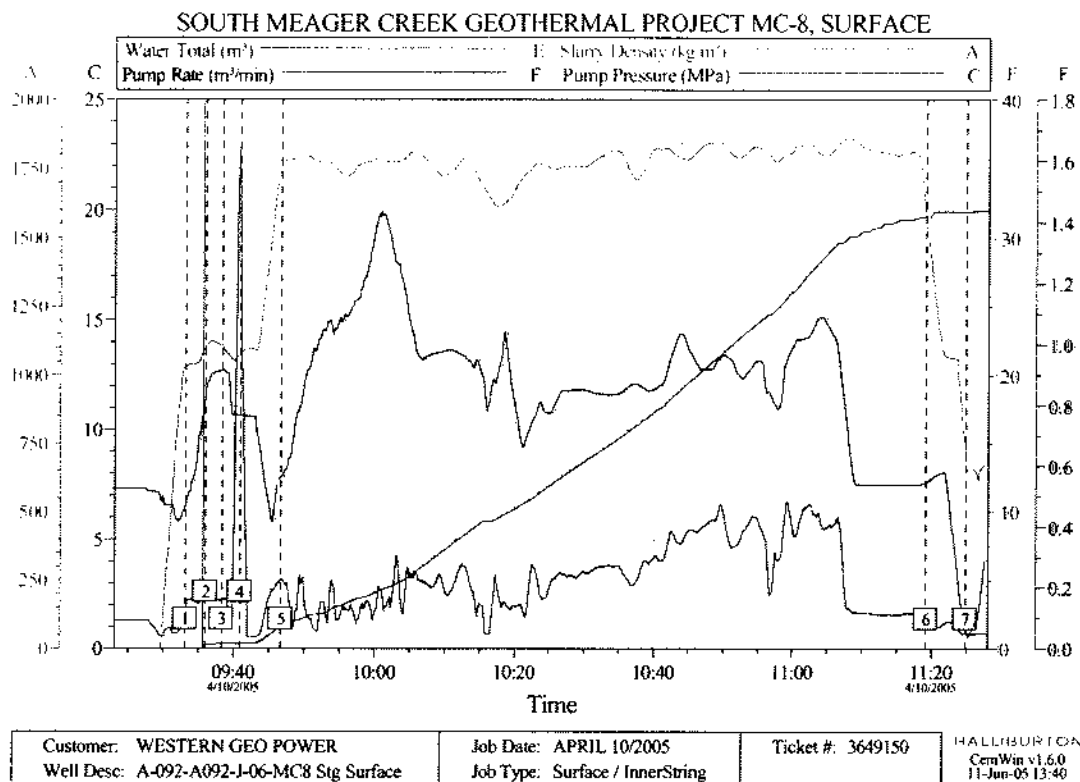
CEMENT: Class G + 35% SSA-1 + 5% Silicalite + 2% CaCl_2 + 0.2% CFR-3 + 0.3% Halad-344 + Optimum Bridging Package mixed @ 1825 kg/m³
(CaCl_2 was prehydrated in the mix water)

PERSONNEL: Bill Burnett (Service Supervisor)
Steve Marsten (Service Operator II)
Brad Popham (Service Operator I)
Chris Quinton (Technical Professional)

EQUIPMENT: 75TC4 Cement Pumper (10086609)
473 mm Swedge
473 mm Stab-In HPUJ Float Collar
473 mm Float Shoe

1.1.2 JOB OUTLINE

1. Pump 1m³ Water ahead
2. Pump 3m³ SuperFlush 102
3. Pump 1m³ Water
4. Pressure Test to 20 MPa
5. Mix and Pump Cement @ 1825 kg/m³ until Returns
6. Displace with 1.1 m³ of Water
7. Check Floats, Shutdown, and Washed up



1.1.3 JOB SUMMARY

Cement returns were seen at about 100% excess but the cement was still contaminated with the superflush. It wasn't until about 150% excess when good density cement returns were observed. Circulation was lost during last 5-6 m³ of slurry. We waited on the cement 12 hours and went in and tagged the top of cement at approximately 15 feet inside the conductor. Therefore no top up was needed and HES rigged out.

HALLIBURTON

2.1 BALANCED CEMENT PLUG

2.1.1 JOB DATA

DATE: April 13, 2005

HOLE: 473 mm

PLUG DEPTH: 168 m

OBJECTIVE: Perform a Balanced Plug to cure Lost of Circulation

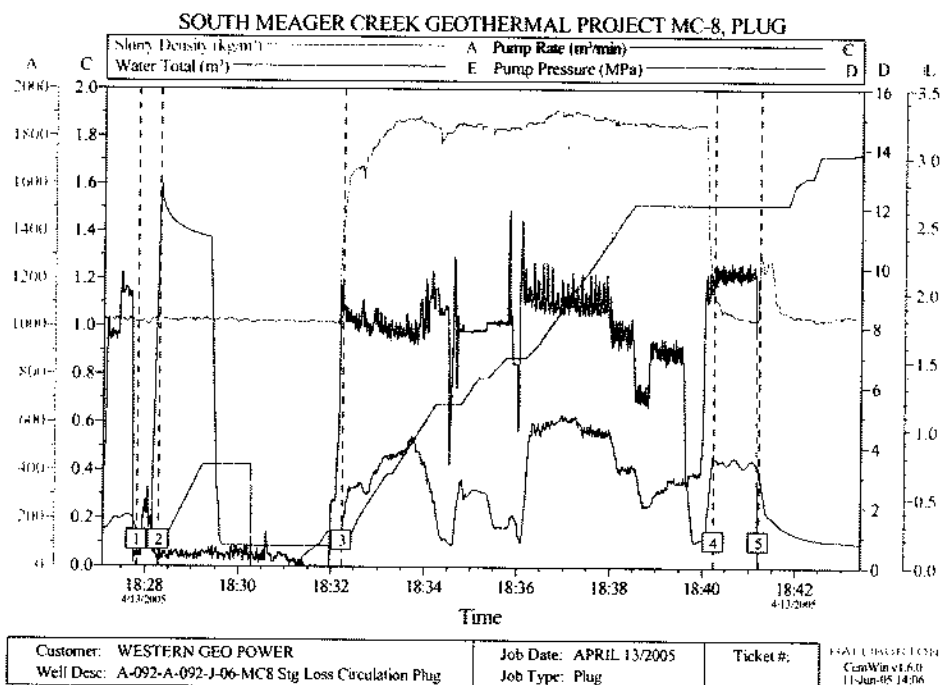
CEMENT: Class G + 35% SSA-1 + 5% Silicalite + 1 % CaCl_2 + 0.5% CFR-3 @ 1860 kg/m^3

PERSONNEL: Bill Burnett (Service Supervisor)
Steve Marsten (Service Operator II)
Brad Popham (Service Operator I)

EQUIPMENT: 75TC4 Cement Pumper (10086609)

2.1.2 JOB OUTLINE

1. Pump 1.5 m^3 Water ahead
2. Pressure Test Surface Lines
3. Pump 5 m^3 of Cement @ 1860 kg/m^3
4. Pump 1 m^3 water Behind to Balance
5. Pull Drill Pipe out of Cement and WOC



HALLIBURTON

2.1.3 JOB SUMMARY

The calculations show this plug to be balanced and it help cure the loss of circulation. This plug was successful.

HALLIBURTON

3.1 INTERMEDIATE CEMENT JOB

3.1.1 JOB DATA

DATE: April 24, 2005

HOLE: 444.5 mm

CASING: 339.73 mm, 107.15 kg/m, L-80 landed at 868 m

BHST: 50°C (est)

OBJECTIVE: Perform an inner string intermediate cement job

SPACER: 10% CaCl₂ Water & Super Flush 101

LEAD CEMENT: Class G + 35% SSA-1 + 5% Silicalite + 0.3% Halad-344
+ 0.2% CFR-3 + Optimum Bridging Package
Density at 1680 kg/m³

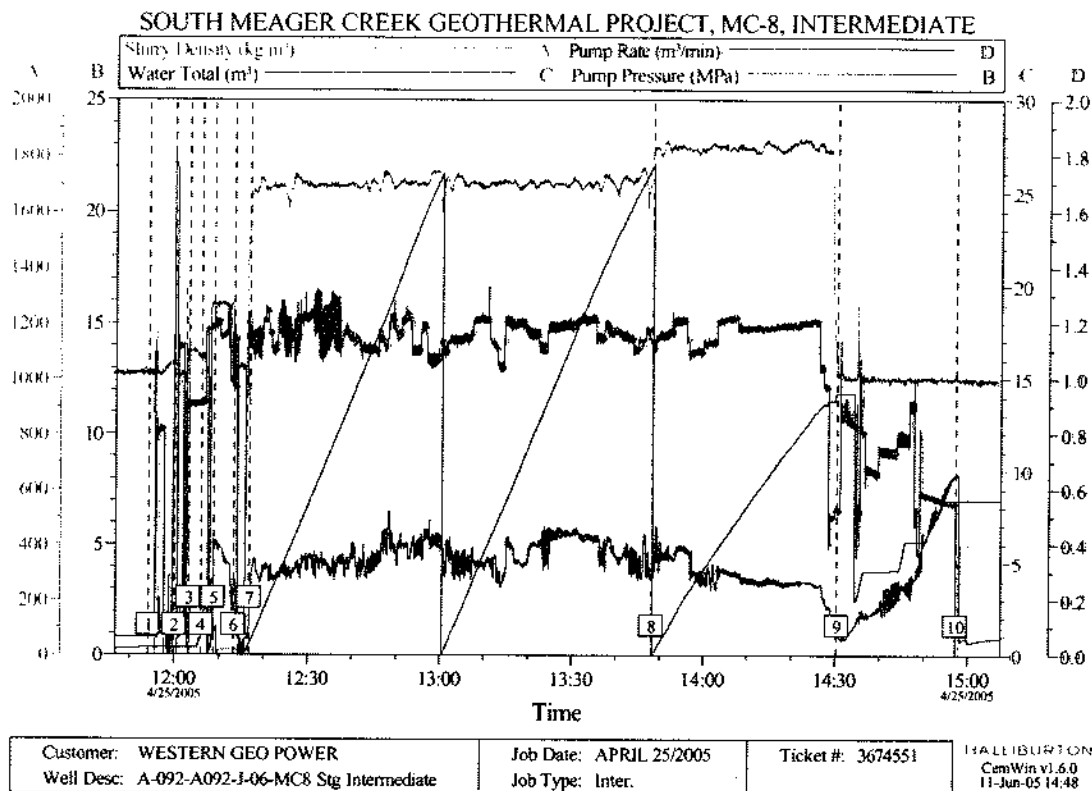
TAIL CEMENT: Class G + 35% SSA-1 + 5% Silicalite + 0.3% Halad-344
+ 0.2% CFR-3 + Optimum Bridging Package
Density at 1825 kg/m³

PERSONNEL: Bill Burnett (Service Supervisor)
Steve Marsten (Service Operator II)
Brad Popham (Service Operator I)
Bob Valentine (Service Quality Leader)
Lloyd Diamond (Service Operator II)
Chris Quinton (Technical Professional)

EQUIPMENT: 75TC4 Cement Pumper (10086609)
Batch Mixer
339.73 mm Stab-in Super Seal II Float Collar
339.73 mm Standard Super Seal II Float Shoe

3.1.2 JOB OUTLINE

1. Pump 3 m³ Fresh Water ahead
2. Pressure Test
3. Pump 3 m³ 10% CaCl₂ Water
4. Pump 0.75 m³ Fresh Water
5. Pump 5 m³ Super Flush 101
6. Pump 0.75 m³ of Fresh Water
7. Pump 81.6 m³ of Lead Cement @ 1680 kg/m³
8. Pump 25.8 m³ of Tail Cement @ 1825 kg/m³
9. Displace with 8 m³ of Fresh Water
10. Bleed back check if floats hold & WOC



3.1.3 JOB SUMMARY

It took approximately 75% excess of cement until some contaminated cement returns were observed. At approximately 130% the returns were at a good density and it was decided to displace. There were good returns throughout the entire job. Though a small top-up job was needed on the morning of April 25th, the job was deemed a success.

HALLIBURTON

3 CONCLUSION

Halliburton again appreciates the opportunity for work on such a high profile project. It was a pleasure working with your representative Russ Silva and the Precision 620 Drilling crew in Pemberton. We hope our quality of work meets your expectations. Halliburton maintains a continuous quality improvement process and appreciates any comments or suggestions that you may have. Halliburton Energy Services again thanks you for the opportunity to perform services on your wells. We hope to be your solutions provider for future wells.

Section 6: Operations Time Analysis, (RIMBase Files);

- *Operations Time Analysis Data; MC-8 Top-hole*
- *Operations Time Chart; MC-8 Top-hole*
- *Operations Time Analysis Data; Well MC-8*
- *Operations Time Chart; Well MC-8*

Operations Time Analysis

Meager Creek Development Corp.

Well ID: MC-8 Top Hole Well Name: MC- 8 Top Hole

Page 1

Rig: Midnight Sun#12

	Total Hrs	% of Total
Problem Time		
Rig Repairs	39.00	34.5
Total for Problem Time:	39.00	34.5
Drill		
Drilling Ahead w/ Connections	38.00	33.6
Total for Drill:	38.00	33.6
Trip		
Tripping Out	14.00	12.4
BHA Operations	2.00	1.8
Total for Trip:	16.00	14.2
Mobilize/Demob		
Rigging Down	8.00	7.1
Rigging Up	7.00	6.2
Total for Mobilize/Demob:	15.00	13.3
Misc Other		
Other Activity	5.00	4.4
Total for Misc Other:	5.00	4.4
Total Elapsed Time for Well:	113.00 hrs.	
Total Non-Productive Time for Well:	44.00 hrs.	38.9%
Total Productive Time for Well:	69.00 hrs.	61.1%

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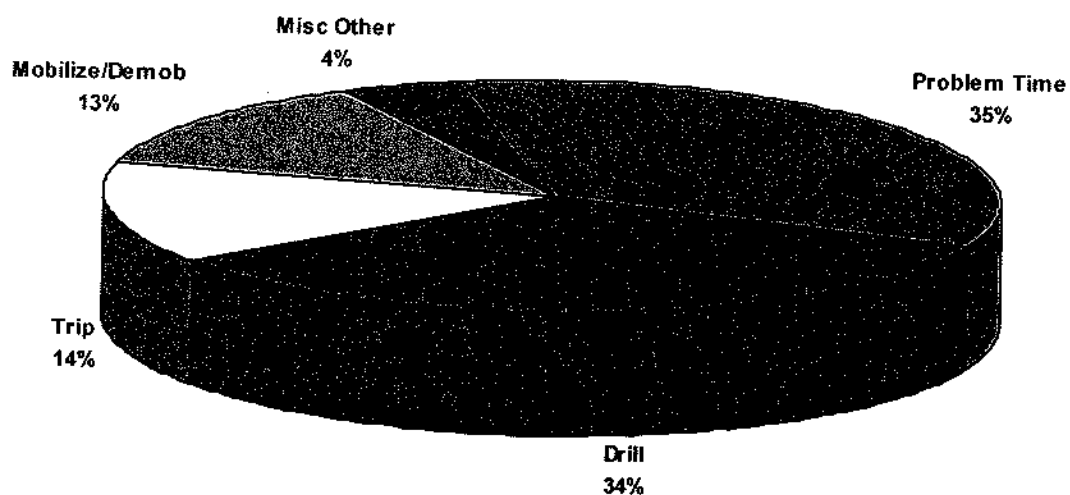
End of Report

Operations Time Graph

Meager Creek Development Corp.

Well ID: MC-8 Top Hole

Analysis by Operations Group



Description	Time - hrs	%
Problem Time	39.00	34.51%
Drill	38.00	33.63%
Trip	16.00	14.16%
Mobilize/Demob	15.00	13.27%
Misc Other	5.00	4.42%
Total Time	113.00 hrs.	

Operations Time Analysis

Meager Creek Development Corp.

Well ID: MC-8

Well Name: Meager Creek 8

Page 1

Rig: Precision #620

	Total Hrs	% of Total
Drill		
Drilling Ahead w/ Connections	540.50	36.1
Directional Work	195.00	13.0
Circulate/Condition Mud	39.00	2.6
Reaming/Underreaming	16.00	1.1
Running Survey Tools	13.00	0.9
Washing Down	6.00	0.4
Total for Drill:	809.50	54.0
Trip		
Tripping Out	125.83	8.4
Tripping in	86.02	5.7
BHA Operations	34.50	2.3
Wiper Trip	2.50	0.2
Total for Trip:	248.85	16.6
Mobilize/Demob		
Rigging Down	133.00	8.9
Total for Mobilize/Demob:	133.00	8.9
Misc Other		
Other Activity	82.90	5.5
Rig Service	3.50	0.2
Cut and Slip Drill Line	2.00	0.1
Total for Misc Other:	88.40	5.9
BOP Ops		
BOP Nipple Up	55.50	3.7
BOP Nipple Down	16.75	1.1
Other BOP Operations	6.00	0.4
BOP Testing	4.00	0.3
Total for BOP Ops:	82.25	5.5
Evaluate		
Testing Operations, DST etc	44.50	3.0
Well Evaluation	19.00	1.3
Total for Evaluate:	63.50	4.2
Cementing		
Waiting On Cement	31.00	2.1
Drilling Cement/Shoe	7.50	0.5
Primary Cement Operations	6.50	0.4

Operations Time Analysis

Meager Creek Development Corp.

Well ID: MC-8

Well Name: Meager Creek 8

Page 2

Rig: Precision #620

	Total Hrs	% of Total
Secondary Cement Operations	1.00	0.1
Total for Cementing:	46.00	3.1
Casing		
Running Casing	24.00	1.6
Total for Casing:	24.00	1.6
Problem Time		
Rig Repairs	1.50	0.1
Total for Problem Time:	1.50	0.1
Abandonment		
Cut and Pull Casing	1.00	0.1
Total for Abandonment:	1.00	0.1
Total Elapsed Time for Well:	1498.00 hrs.	
Total Non-Productive Time for Well:	6.50 hrs.	0.4%
Total Productive Time for Well:	1491.50 hrs.	99.6%

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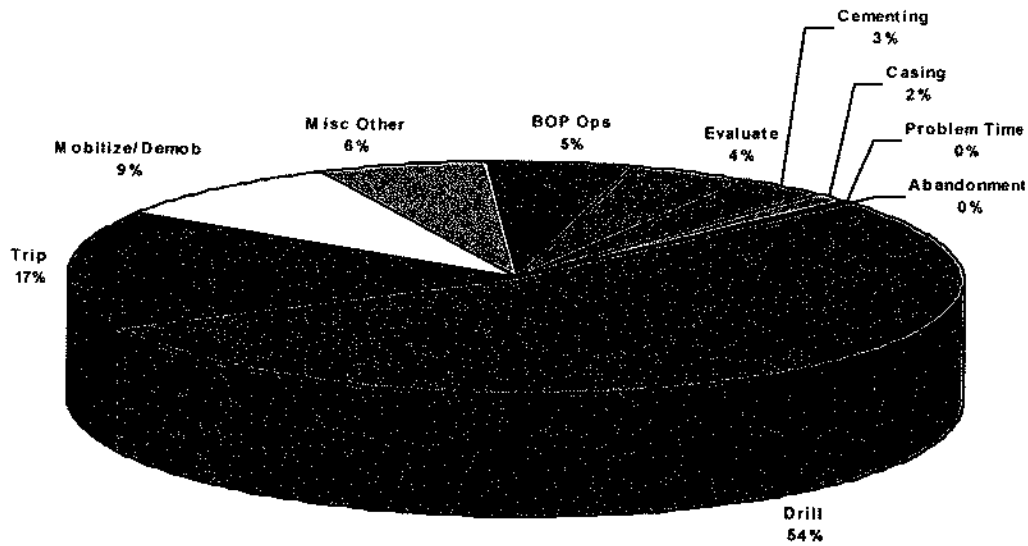
End of Report

Operations Time Graph

Meager Creek Development Corp.

Well ID: MC-8

Analysis by Operations Group

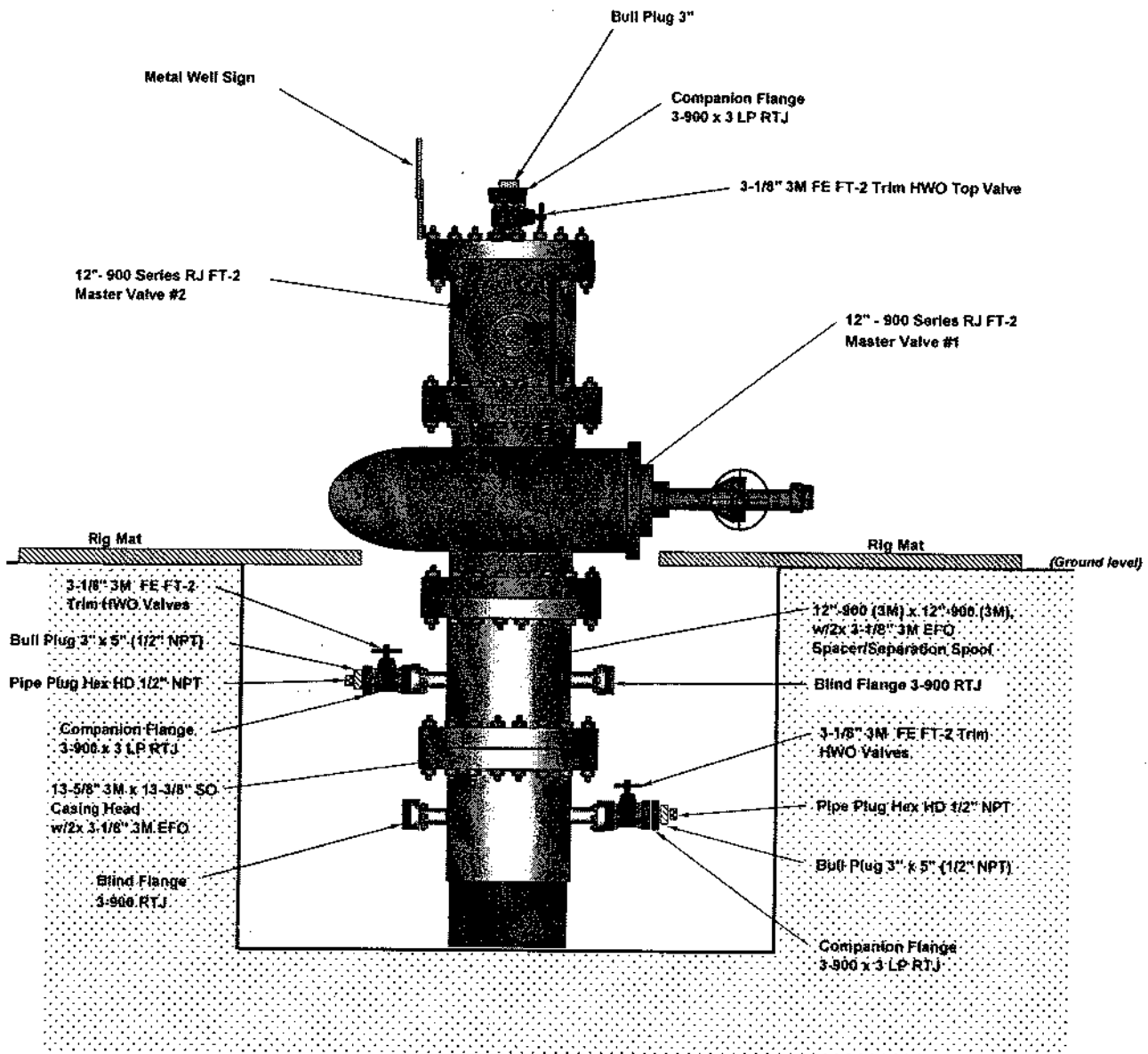


Description	Time - hrs	%
Drill	809.50	54.04%
Trip	248.85	16.61%
Mobilize/Demob	133.00	8.88%
Misc Other	88.40	5.90%
BOP Ops	82.25	5.49%
Evaluate	63.50	4.24%
Cementing	46.00	3.07%
Casing	24.00	1.60%
Problem Time	1.50	0.10%
Abandonment	1.00	0.07%
Total Time	1,498.00 hrs.	

Section 7: MC-8 Wellhead ***(Shut-in; October, 2005)***

MC-8 Wellhead

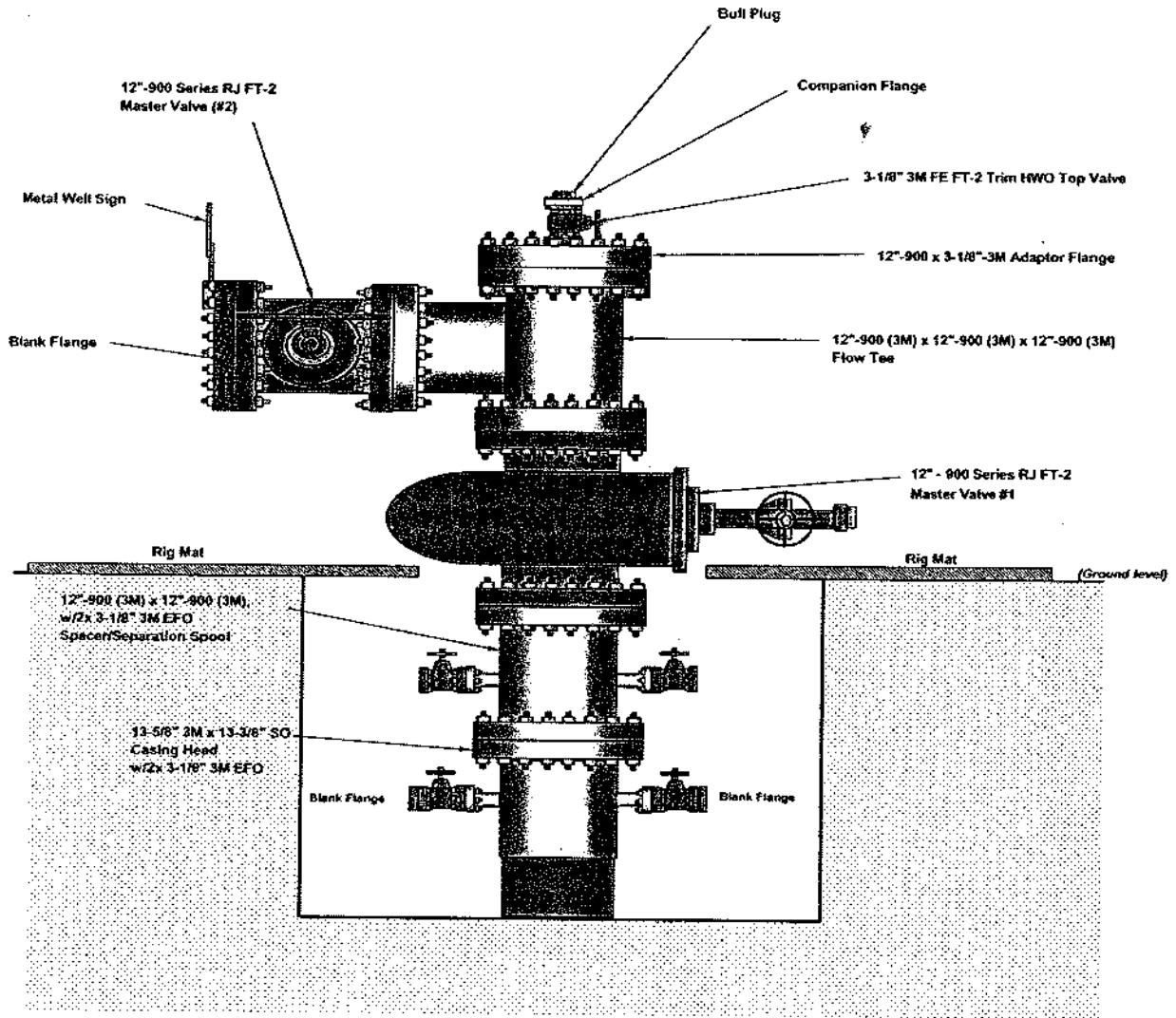
(Shut-In October, 2008)



MC-8 Wellhead (Shut-in October, 2005)

Note: Scaffolding (10ftL x 5ftW x 13ftH) left in place over wellhead.

Shut-in



AJDR 1 Nov. 2006

