

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Flatiron Resources, LLC
 303 E. 17th Ave. Ste 940
 Denver CO 80203
 ATTN: Tim Priest

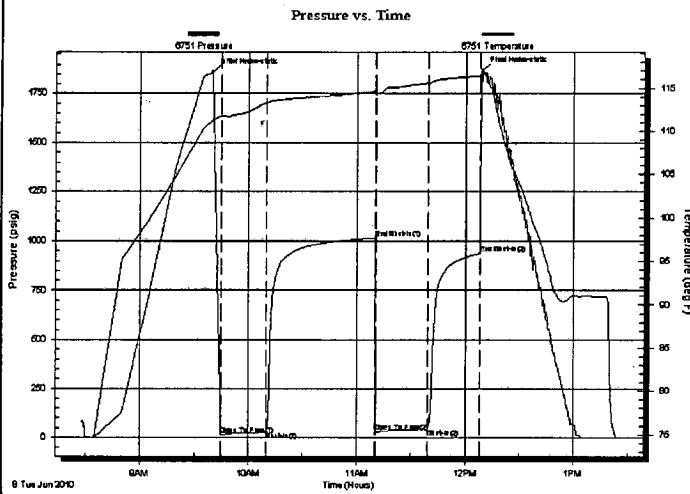
Price 43-10
 10 16S 30W Lane KS
 Job Ticket: 38264 DST#: 1
 Test Start: 2010.06.08 @ 08:28:00

GENERAL INFORMATION:

Formation: **Lansing E"-F"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 09:45:00
 Time Test Ended: 13:24:00
 Interval: **3864.00 ft (KB) To 3890.00 ft (KB) (TVD)**
 Total Depth: 3890.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole
 Tester: Mike Roberts
 Unit No: 37
 Reference Elevations: 2699.00 ft (KB)
 2694.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 6751 Outside
 Press@RunDepth: 42.93 psig @ 3865.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2010.06.08 End Date: 2010.06.08 Last Calib.: 2010.06.08
 Start Time: 08:28:05 End Time: 13:23:59 Time On Btm: 2010.06.08 @ 09:40:00
 Time Off Btm: 2010.06.08 @ 12:09:20

TEST COMMENT: IF:Built to 1/4" blow
 IS:No return blow
 FF:No blow
 FS:No return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1859.44	111.31	Initial Hydro-static
5	15.56	111.70	Open To Flow (1)
30	28.88	113.26	Shut-In(1)
90	1016.58	114.60	End Shut-In(1)
91	31.04	114.14	Open To Flow (2)
120	42.93	115.61	Shut-In(2)
149	937.02	116.43	End Shut-In(2)
150	1869.54	116.85	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
70.00	100% m	0.34

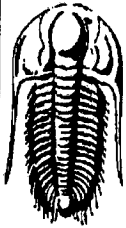
Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)

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ATTN: Tim Priest

Price 43-10
10 16S 30W Lane KS
Job Ticket: 38264 DST#: 1
Test Start: 2010.06.08 @ 08:28:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	0 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	0 ppm
Viscosity: 42.00 sec/qt	Cushion Volume: bbl		
Water Loss: 10.36 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 1500.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

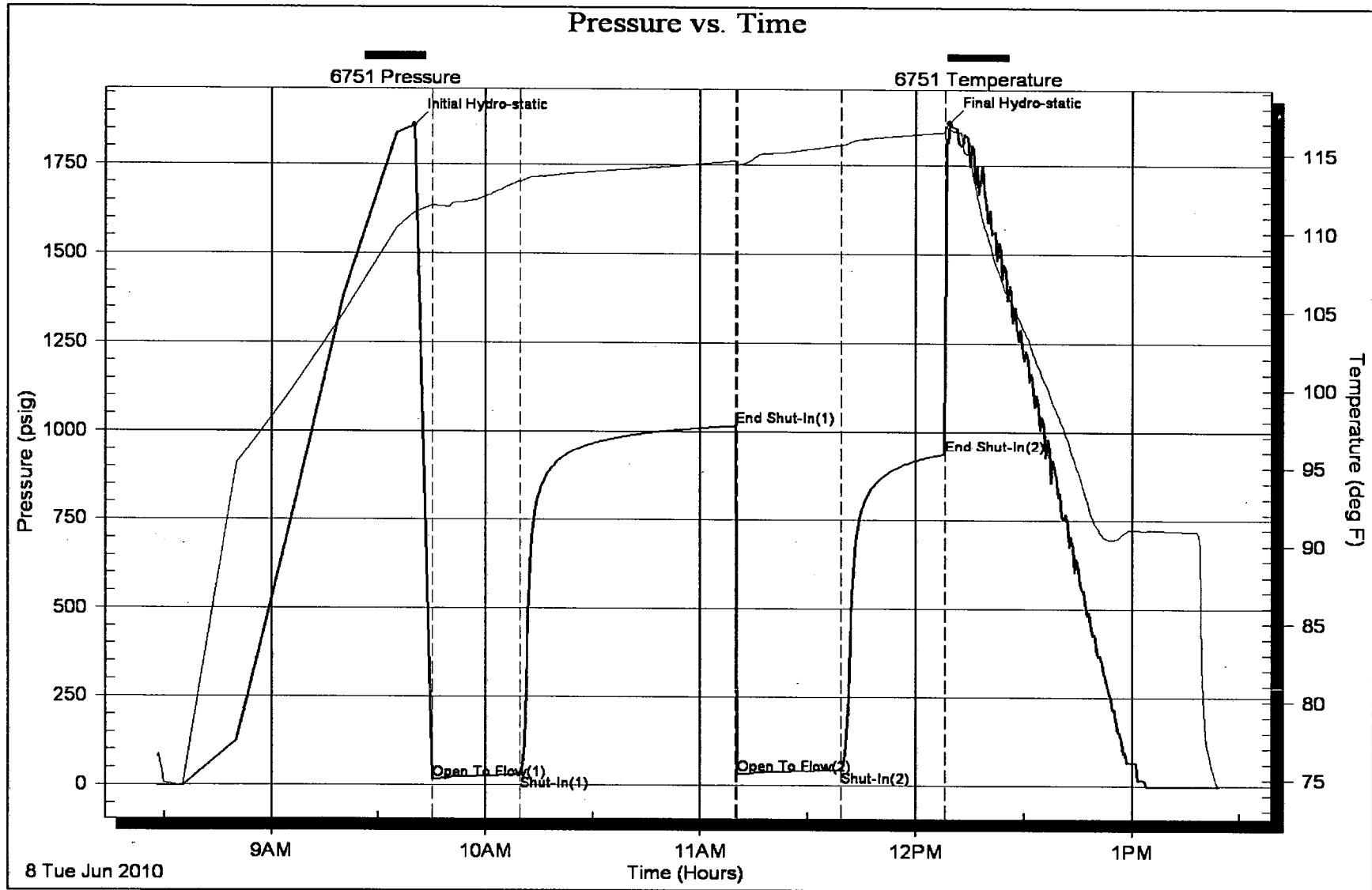
Length ft	Description	Volume bbl
70.00	100% m	0.344

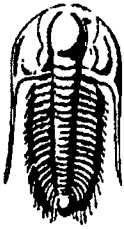
Total Length: 70.00 ft Total Volume: 0.344 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

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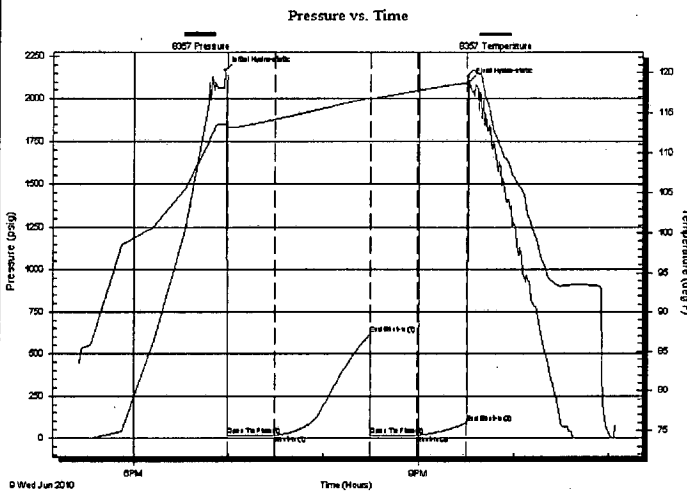
Price 43-10
 10 16S 30W Lane CoKS
 Job Ticket: 38925 DST#: 2
 Test Start: 2010.06.09 @ 17:25:00

GENERAL INFORMATION:

Formation: **Pawnee**
 Deviated: **No** Whipstock: ft (KB)
 Time Tool Opened: 18:59:10
 Time Test Ended: 23:05:00
 Interval: **4229.00 ft (KB) To 4272.00 ft (KB) (TVD)**
 Total Depth: **4272.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Fair**
 Test Type: **Conventional Bottom Hole**
 Tester: **Chuck Smith**
 Unit No: **37**
 Reference Elevations: **2699.00 ft (KB)**
2694.00 ft (CF)
 KB to GR/CF: **5.00 ft**

Serial #: **8357** Inside
 Press@RunDepth: **19.85 psig @ 4236.00 ft (KB)**
 Start Date: **2010.06.09** End Date: **2010.06.09**
 Start Time: **17:25:05** End Time: **23:04:59**
 Capacity: **8000.00 psig**
 Last Calib.: **2010.06.09**
 Time On Btm: **2010.06.09 @ 18:57:10**
 Time Off Btm: **2010.06.09 @ 21:31:30**

TEST COMMENT: IF: Surface blow died @ 8 min.
 IS: No return.
 FF: No blow.
 FSI: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2165.73	113.60	Initial Hydro-static
2	16.45	112.93	Open To Flow (1)
32	17.91	114.16	Shut-In(1)
92	617.41	116.87	End Shut-In(1)
93	18.85	116.71	Open To Flow (2)
122	19.85	117.76	Shut-In(2)
154	91.95	118.78	End Shut-In(2)
155	2099.35	119.85	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	100% M	0.05

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)

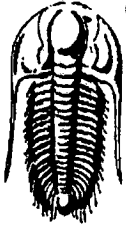
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Ref. No: 38925

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Price 43-10
10 16S 30W Lane CoKS
Job Ticket: 38925 DST#: 2
Test Start: 2010.06.09 @ 17:25:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	0 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	0 ppm
Viscosity: 52.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.79 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 2500.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

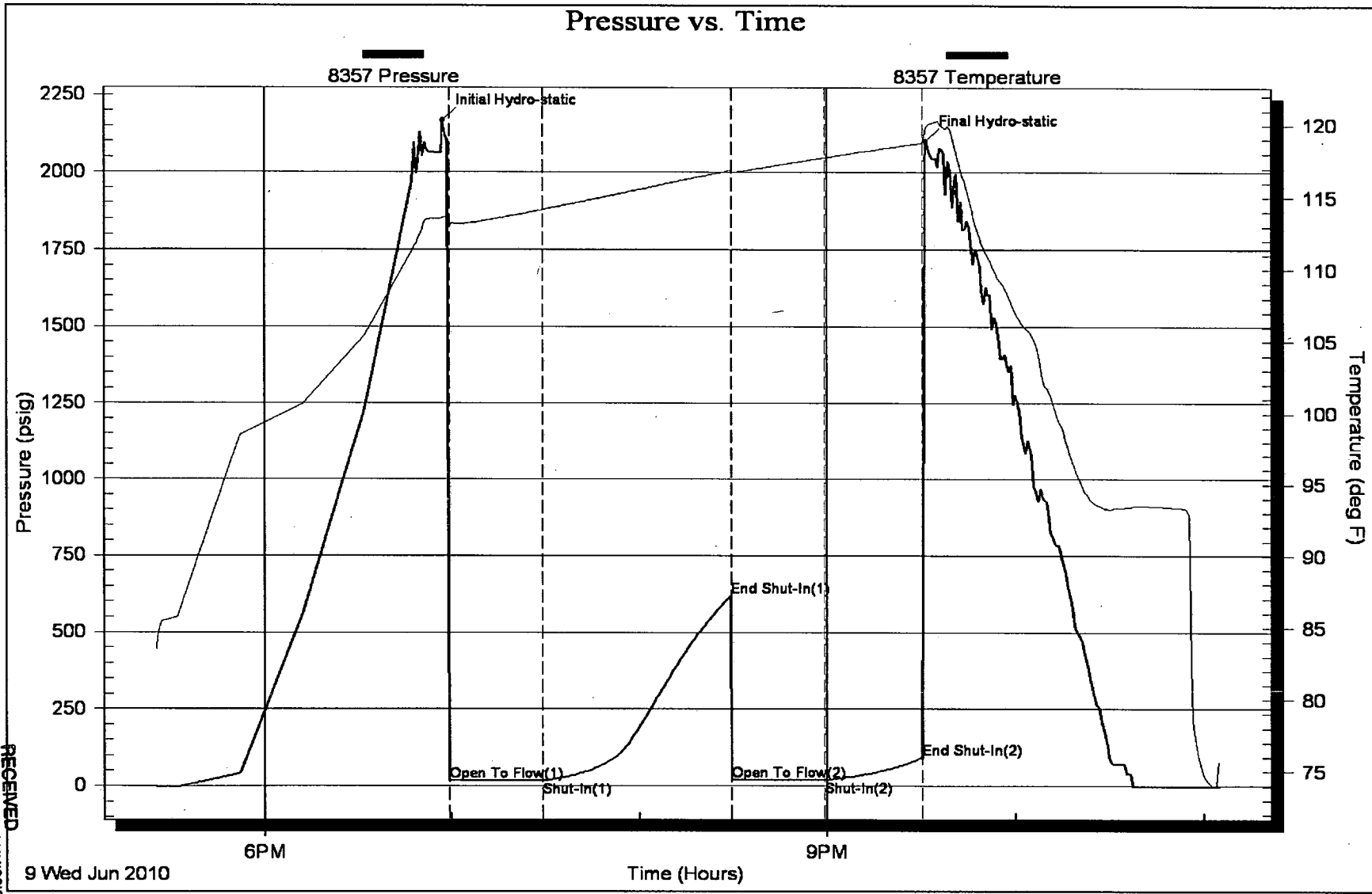
Length ft	Description	Volume bbl
10.00	100% M	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

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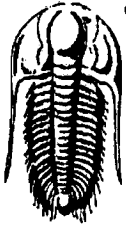
9 Wed Jun 2010

Time (Hours)

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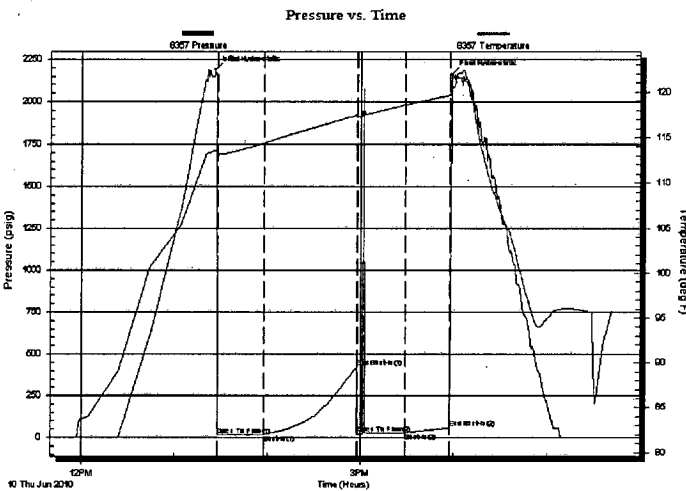
Price 43-10
 10 16S 30W Lane CoKS
 Job Ticket: 39051 DST#: 3
 Test Start: 2010.06.10 @ 11:57:00

GENERAL INFORMATION:

Formation: **Johnson**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 13:27:50
 Time Test Ended: 17:42:30
 Interval: **4346.00 ft (KB) To 4386.00 ft (KB) (TVD)**
 Total Depth: 4386.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches
 Hole Condition: Fair
 Test Type: Conventional Bottom Hole
 Tester: Chuck Smith
 Unit No: 37
 Reference Elevations: 2699.00 ft (KB)
 2694.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: **8357** Inside
 Press@RunDepth: 30.49 psig @ 4351.00 ft (KB)
 Start Date: 2010.06.10 End Date: 2010.06.10
 Start Time: 11:57:05 End Time: 17:42:29
 Capacity: 8000.00 psig
 Last Calib.: 2010.06.10
 Time On Btm: 2010.06.10 @ 13:26:10
 Time Off Btm: 2010.06.10 @ 15:58:20

TEST COMMENT: IF: Surface blow died @ 11 min.
 IS: No return.
 FF: No blow, flushed tool, surge died @ 3 min.
 FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2188.70	113.52	Initial Hydro-static
2	14.97	112.76	Open To Flow (1)
32	19.90	114.40	Shut-In(1)
92	423.49	117.45	End Shut-In(1)
92	22.70	117.35	Open To Flow (2)
123	30.49	118.58	Shut-In(2)
152	59.03	119.66	End Shut-In(2)
153	2162.84	120.32	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	OCM 10%O 90%M	0.15
0.00	No GIP	0.00

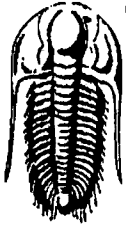
Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)

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Test Start: 2010.06.10 @ 11:57:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	0 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	0 ppm
Viscosity: 46.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.58 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 2300.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	OCM 10%O 90%M	0.148
0.00	No GIP	0.000

Total Length: 30.00 ft Total Volume: 0.148 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

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