



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Herman L. Loeb LLC
 P.O.Box 838
 Lawrenceville Il. 62439
 ATTN: Tom Pronold

22-33s-26w Meade Ks.
Coolhand#1-22
 Job Ticket: 54238 **DST#: 2**
 Test Start: 2014.07.29 @ 06:27:42

GENERAL INFORMATION:

Formation: **Chester C**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 09:23:42
 Time Test Ended: 15:09:27
 Interval: **5620.00 ft (KB) To 5698.00 ft (KB) (TVD)**
 Total Depth: 5698.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Gary Pevoteaux
 Unit No: 56
 Reference Elevations: 2293.00 ft (KB)
 2282.00 ft (CF)
 KB to GR/CF: 11.00 ft

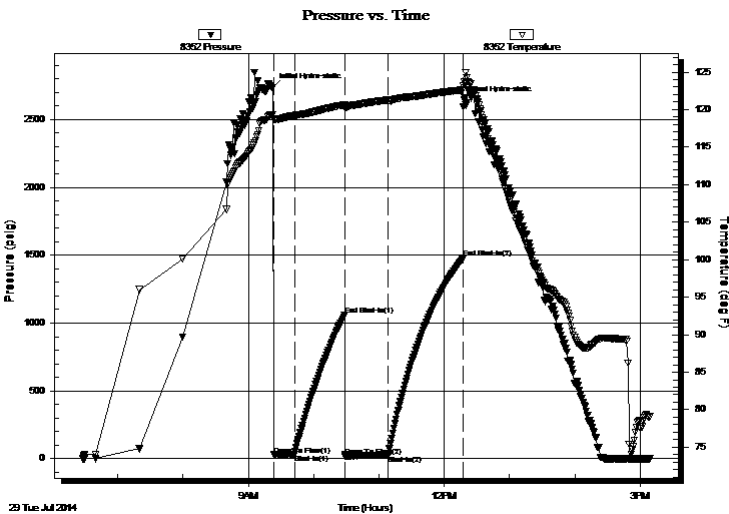
Serial #: 8352

Outside

Press@RunDepth: 23.54 psig @ 5621.00 ft (KB)
 Start Date: 2014.07.29 End Date: 2014.07.29
 Start Time: 06:27:47 End Time: 15:09:27
 Capacity: 8000.00 psig
 Last Calib.: 2014.07.29
 Time On Btm: 2014.07.29 @ 09:22:27
 Time Off Btm: 2014.07.29 @ 12:18:12

TEST COMMENT: IF:Fair to strong blow . B.O.B. in 9 mins.
 IS:No blow .
 FF:Strong blow . B.O.B. in 2 - 3 secs.
 FS:No blow .

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2734.77	119.36	Initial Hydro-static
2	28.86	118.68	Open To Flow (1)
20	32.75	119.23	Shut-In(1)
66	1057.90	120.64	End Shut-In(1)
67	16.22	120.30	Open To Flow (2)
106	23.54	121.29	Shut-In(2)
175	1477.53	122.62	End Shut-In(2)
176	2643.46	122.95	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	GCM 12%g 88%m	0.15
0.00	1390 ft.of GIP	0.00

* Recovery from multiple tests

Gas Rates

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



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FLUID SUMMARY

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Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	9000 ppm
Viscosity: 50.00 sec/qt	Cushion Volume: bbl		
Water Loss: 10.79 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 9000.00 ppm			
Filter Cake: 0.20 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	GCM 12%g 88%m	0.148
0.00	1390 ft.of GIP	0.000

Total Length: 30.00 ft Total Volume: 0.148 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #: none
 Laboratory Name: Laboratory Location:
 Recovery Comments:

