



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

New Gulf Operating
 6310 E. 102nd St.
 Tulsa, Ok 74137
 ATTN: Curtis Covey

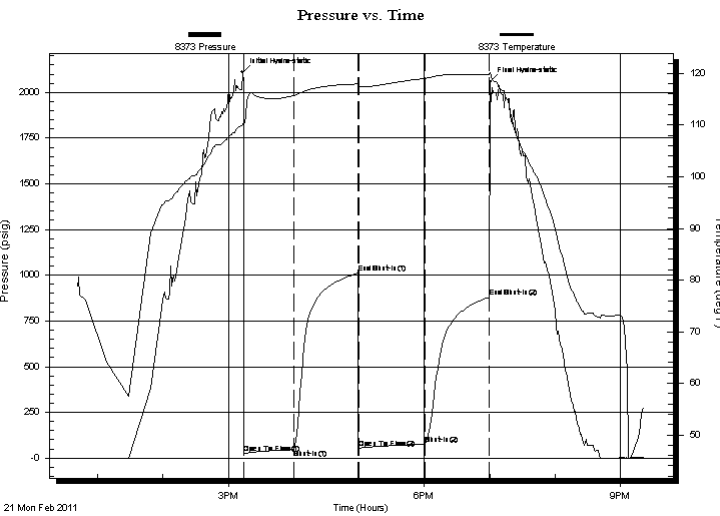
Laura #1
31-11-32 Logan, KS
 Job Ticket: 040525 **DST#: 1**
 Test Start: 2011.02.21 @ 12:41:40

GENERAL INFORMATION:

Formation: **Lansing**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 15:14:35
 Time Test Ended: 21:22:35
 Interval: **4150.00 ft (KB) To 4174.00 ft (KB) (TVD)**
 Total Depth: 4174.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole
 Tester: Brandon Turley
 Unit No: 35
 Reference Elevations: 3098.00 ft (KB)
 3088.00 ft (CF)
 KB to GR/CF: 10.00 ft

Serial #: 8373 Inside
 Press @ Run Depth: 77.78 psig @ 4151.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2011.02.21 End Date: 2011.02.21 Last Calib.: 2011.02.21
 Start Time: 12:41:40 End Time: 21:22:35 Time On Btm: 2011.02.21 @ 15:13:05
 Time Off Btm: 2011.02.21 @ 19:00:19

TEST COMMENT: IF: 1/2 blow built to 6 1/2 in 45.
 IS: No return.
 FF: Surface blow built to 3 1/2 in 60 min.
 FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2109.32	110.02	Initial Hydro-static
2	26.89	110.03	Open To Flow (1)
47	47.36	115.73	Shut-In(1)
106	1011.02	117.98	End Shut-In(1)
107	55.46	117.41	Open To Flow (2)
167	77.78	119.05	Shut-In(2)
227	879.88	119.84	End Shut-In(2)
228	2056.94	120.22	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	mcw 70%w 30%m	0.87
42.00	mcw 60%w 40%m	0.59
30.00	oil 100%o	0.42

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: 32 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 34000 ppm
Viscosity: 55.00 sec/qt	Cushion Volume: bbl	
Water Loss: 7.60 in ³	Gas Cushion Type:	
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig	
Salinity: 2000.00 ppm		
Filter Cake: 1.00 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
62.00	mcw 70%w 30%m	0.870
42.00	mcw 60%w 40%m	0.589
30.00	oil 100%o	0.421

Total Length: 134.00 ft Total Volume: 1.880 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: 29@30=32 API
 .23@64=34000ppm

