



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Falcon Exp.
125 N Market Wichita Ks 67202-1719
ATTN: Keith Revus

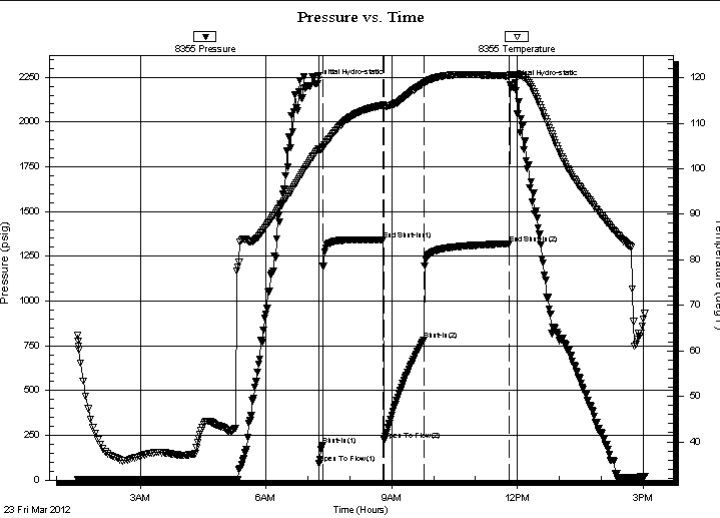
35/27/31
Martha G 1-35
Job Ticket: 41252 **DST#: 1**
Test Start: 2012.03.23 @ 01:30:00

GENERAL INFORMATION:

Formation: **Lansing J**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 07:16:15
Time Test Ended: 15:03:15
Interval: **4496.00 ft (KB) To 4553.00 ft (KB) (TVD)**
Total Depth: 4585.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Straddle (Initial)
Tester: Harley Davidson
Unit No: 58
Reference Elevations: 2850.00 ft (KB)
2839.00 ft (CF)
KB to GR/CF: 11.00 ft

Serial #: 8355 Outside
Press @ Run Depth: 780.51 psig @ 4531.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2012.03.23 End Date: 2012.03.23 Last Calib.: 2012.03.23
Start Time: 01:30:05 End Time: 15:03:15 Time On Btm: 2012.03.23 @ 07:09:45
Time Off Btm: 2012.03.23 @ 11:49:45

TEST COMMENT: IF- Strong blow BOB 3min.
IS- No blow back.
FF- Strong blow BOB 3min.
FS- Weak blow back.



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2213.72	103.27	Initial Hydro-static
7	95.50	104.08	Open To Flow (1)
12	195.60	104.48	Shut-In(1)
98	1341.67	113.96	End Shut-In(1)
100	225.20	113.74	Open To Flow (2)
156	780.51	118.69	Shut-In(2)
279	1319.09	120.35	End Shut-In(2)
280	2210.08	120.70	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
0.00	870' GIP	0.00
124.00	100% oil	0.61
620.00	5%gas5%oil5%mud85%w ater	7.55
930.00	100% w ater	13.05

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:	ppm
Viscosity: 48.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.58 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3300.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	870' GIP	0.000
124.00	100% oil	0.610
620.00	5%gas5%oil5%mud85%w ater	7.549
930.00	100% w ater	13.045

Total Length: 1674.00 ft Total Volume: 21.204 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: Chl. of w ater RW .20@55= 49000 CHL.

Pressure vs. Time

