



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Norstar Petroleum Inc
 6855 S Havana St Ste 250
 Centennial, Colo
 80112
 ATTN: Brad Rein

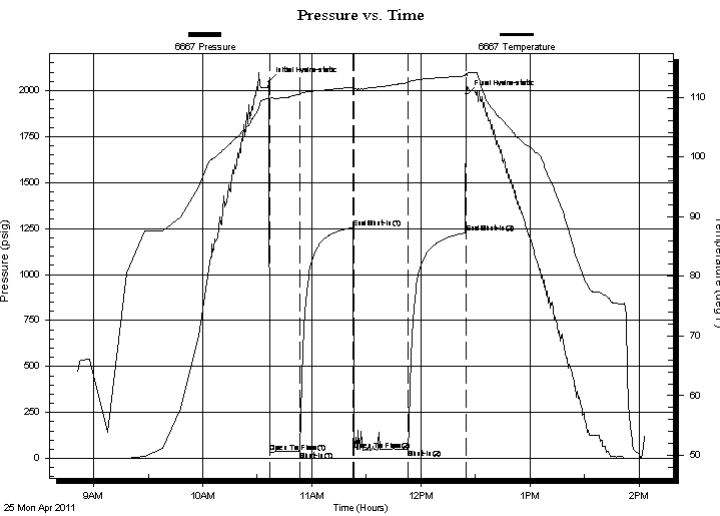
Curtis #1-24
24-10-35 Thomas, Ks
 Job Ticket: 43303 **DST#: 3**
 Test Start: 2011.04.25 @ 08:51:10

GENERAL INFORMATION:

Formation: **E-F**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 10:36:40
 Time Test Ended: 14:15:10
Interval: 4227.00 ft (KB) To 4255.00 ft (KB) (TVD)
 Total Depth: 4255.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole
 Tester: Shane McBride
 Unit No: 55
 Reference Elevations: 3247.00 ft (KB)
 3242.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 6667 Inside
 Press @ Run Depth: 51.81 psig @ 4228.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2011.04.25 End Date: 2011.04.25 Last Calib.: 2011.04.25
 Start Time: 08:51:10 End Time: 14:03:10 Time On Btm: 2011.04.25 @ 10:36:25
 Time Off Btm: 2011.04.25 @ 12:25:25

TEST COMMENT: Slid tool 8' to bottom 1 1/2" in blow died back to a surface blow 1/8" in
 No return
 No blow
 No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2046.19	109.89	Initial Hydro-static
1	34.44	109.31	Open To Flow (1)
17	40.52	110.48	Shut-In(1)
47	1254.75	111.67	End Shut-In(1)
47	43.62	111.35	Open To Flow (2)
77	51.81	112.42	Shut-In(2)
109	1227.30	113.58	End Shut-In(2)
109	1978.48	113.67	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	mud 100% m oil spots in tool	0.30

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:	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: 7.60 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 4000.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	mud 100% oil spots in tool	0.295

Total Length: 60.00 ft Total Volume: 0.295 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

Pressure vs. Time

