



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

McCoy Petro. Corp.
8080 E Central Ste 300
Wichita Ks 67206
ATTN: Jerry Smith

Smith Trust C 1-34
34-25-19w, Edwards, Ks
Job Ticket: 42816 **DST#: 1**
Test Start: 2011.04.14 @ 10:15:06

GENERAL INFORMATION:

Formation: **Miss.**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 13:36:36
Time Test Ended: 21:23:36
Interval: **4707.00 ft (KB) To 4754.00 ft (KB) (TVD)**
Total Depth: 4754.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Reference Elevations: 2246.00 ft (KB)
2235.00 ft (CF)
KB to GR/CF: 11.00 ft
Test Type: Conventional Bottom Hole
Tester: Brett Dickinson
Unit No: 47

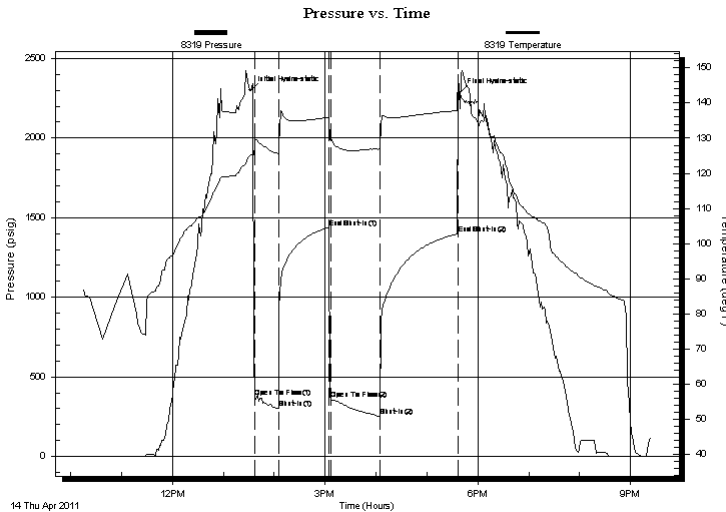
Serial #: 8319

Outside

Press @ Run Depth: 251.29 psig @ 4708.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2011.04.14 End Date: 2011.04.14 Last Calib.: 2011.04.14
Start Time: 10:15:11 End Time: 21:23:36 Time On Btm: 2011.04.14 @ 13:31:36
Time Off Btm: 2011.04.14 @ 17:38:36

TEST COMMENT: IF-BOB immediatly
ISI-No blow
FF-BOB immediatly
FSI-No blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2300.62	125.08	Initial Hydro-static
5	372.91	127.56	Open To Flow (1)
34	300.67	125.68	Shut-In(1)
93	1437.79	135.98	End Shut-In(1)
95	359.51	129.80	Open To Flow (2)
153	251.29	126.93	Shut-In(2)
245	1398.84	137.89	End Shut-In(2)
247	2286.02	138.43	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
205.00	mud	1.01

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.75	100.00	1786.91
Last Gas Rate	0.75	70.00	1318.32
Max. Gas Rate	0.75	100.00	1786.91



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FLUID SUMMARY

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DST#: 1

ATTN: Jerry Smith

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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: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.18 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4800.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
205.00	mud	1.008

Total Length: 205.00 ft

Total Volume: 1.008 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



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GAS RATES

McCoy Petro. Corp.
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Gas Rates Information

Temperature: 59 deg C
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m ³ /d)
2	10	0.75	100.00	1786.91
2	20	0.75	100.00	1786.91
2	25	0.75	90.00	1630.71
2	30	0.75	82.00	1505.75
2	35	0.75	80.00	1474.51
2	40	0.75	78.00	1443.28
2	45	0.75	75.00	1396.42
2	50	0.75	72.00	1349.56
2	55	0.75	72.00	1349.56
2	60	0.75	70.00	1318.32

