



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Shelby Resources, LLC
 2717 Canal Blvd.
 Suite C Hays KS 67601
 ATTN: Jermy Schwartz

24-17-14, Barton, KS

CS Unit #1

Job Ticket: 50784

DST#: 2

Test Start: 2012.10.25 @ 23:40:00

GENERAL INFORMATION:

Formation: **KC"G,H"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 01:40:00
 Time Test Ended: 08:04:00
 Interval: **3274.00 ft (KB) To 3351.00 ft (KB) (TVD)**
 Total Depth: 3351.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Brett Dickinson
 Unit No: 59
 Reference Elevations: 1958.00 ft (KB)
 1949.00 ft (CF)
 KB to GR/CF: 9.00 ft

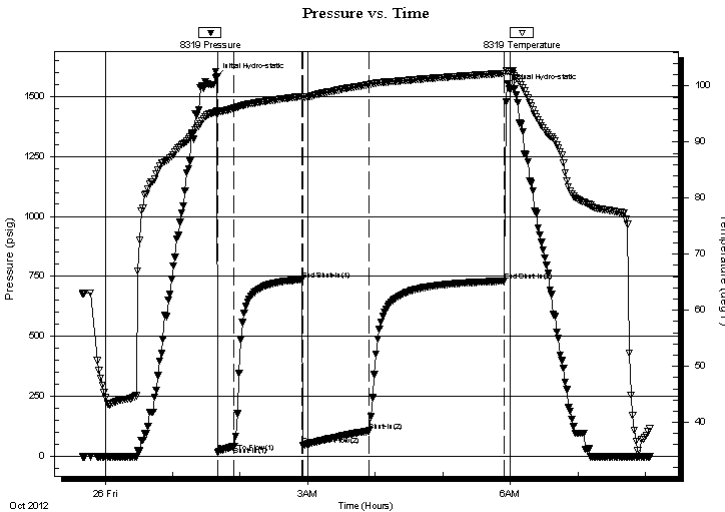
Serial #: 8319

Outside

Press @ Run Depth: 104.60 psig @ 3275.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.10.25 End Date: 2012.10.26 Last Calib.: 2012.10.26
 Start Time: 23:40:05 End Time: 08:03:59 Time On Btm: 2012.10.26 @ 01:38:30
 Time Off Btm: 2012.10.26 @ 05:59:00

TEST COMMENT: IF-8.5in blow
 IS-1/4in blow died in 40min
 FF-BOB in 22min
 FSI-1/2in blow died in 55min

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1578.99	95.41	Initial Hydro-static
2	18.71	95.28	Open To Flow (1)
16	40.92	96.03	Shut-In(1)
77	736.71	98.17	End Shut-In(1)
78	47.29	98.03	Open To Flow (2)
136	104.60	100.27	Shut-In(2)
256	730.57	102.28	End Shut-In(2)
261	1531.87	102.63	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
90.00	Oilspotted MCW 80%W 20%M	0.44
130.00	SGMCO 10%G 50%O 40%M	0.73
0.00	50ft 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:

65000 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.98 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3500.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
90.00	Oilspotted MCW 80%W 20%M	0.443
130.00	SGMCO 10%G 50%O 40%M	0.730
0.00	50ft gip	0.000

Total Length: 220.00 ft Total Volume: 1.173 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

