



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Abercrombie Energy, LLC

23 19s 26w Ness, Ks

10209 W. Central, STE 2
Wichita, Ks 67212

Weaver 1-23

Job Ticket: 54987

DST#: 2

ATTN: Mark Galyon

Test Start: 2013.08.27 @ 09:27:00

GENERAL INFORMATION:

Formation: **Mississippian**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:32:15

Time Test Ended: 17:06:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 69

Interval: 4541.00 ft (KB) To 4599.00 ft (KB) (TVD)

Reference Elevations: 2634.00 ft (KB)

Total Depth: 4599.00 ft (KB) (TVD)

2624.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8677 Inside

Press @ Run Depth: 106.82 psig @ 4542.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.08.27

End Date:

2013.08.27

Last Calib.:

2013.08.27

Start Time: 09:27:05

End Time:

17:06:29

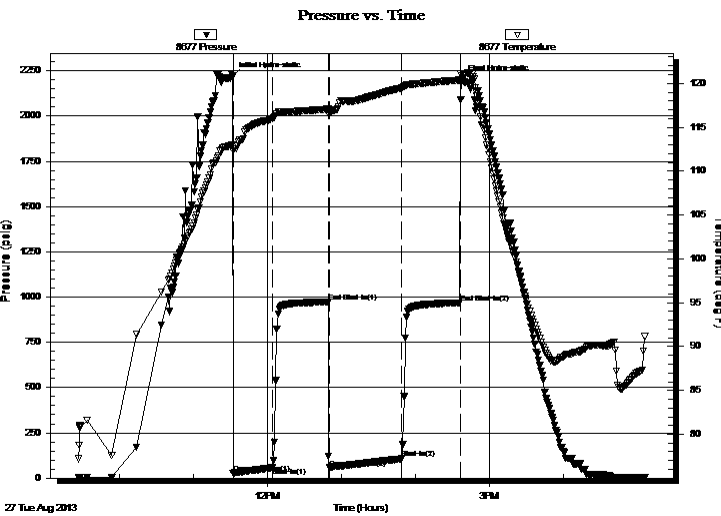
Time On Btm:

2013.08.27 @ 11:32:00

Time Off Btm:

2013.08.27 @ 14:37:30

TEST COMMENT: IF: 7" blow.
IS: No return.
FF: BOB @ 30 min.
FS: Surface return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2220.08	113.04	Initial Hydro-static
1	26.70	112.33	Open To Flow (1)
32	57.12	115.96	Shut-In(1)
78	973.17	117.07	End Shut-In(1)
79	56.87	116.78	Open To Flow (2)
137	106.82	119.45	Shut-In(2)
184	966.95	120.37	End Shut-In(2)
186	2199.55	120.86	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
160.00	gmco 15g 30m 55o	2.24
50.00	gsmco 10g 3m 87o	0.70
0.00	530 GIP	0.00

* Recovery from multiple tests

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Abercrombie Energy, LLC

23 19s 26w Ness, Ks

10209 W. Central, STE 2
Wichita, Ks 67212

Weaver 1-23

Job Ticket: 54987

DST#: 2

ATTN: Mark Galyon

Test Start: 2013.08.27 @ 09:27:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

38 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 58.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
160.00	gmco 15g 30m 55o	2.244
50.00	gsmco 10g 3m 87o	0.701
0.00	530 GIP	0.000

Total Length: 210.00 ft Total Volume: 2.945 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

