



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Abercrombie Energy, LLC

9-20s-34w Scott Co. KS

10209 W Central STE 2
Wichita KS, 67212

Moore 1-9

Job Ticket: 48922

DST#: 3

ATTN: Wes Hanson

Test Start: 2012.11.11 @ 03:20:00

GENERAL INFORMATION:

Formation: **Pawnee (Beymer)**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:28:45

Time Test Ended: 10:21:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Jace McKinney

Unit No: 46

Interval: 4540.00 ft (KB) To 4563.00 ft (KB) (TVD)

Reference Elevations: 3069.00 ft (KB)

Total Depth: 4563.00 ft (KB) (TVD)

3059.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

Serial #: 8675

Inside

Press @ RunDepth: 56.58 psig @ 4541.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.11.11

End Date:

2012.11.11

Last Calib.:

2012.11.11

Start Time: 03:20:15

End Time:

10:21:15

Time On Btm:

2012.11.11 @ 06:27:45

Time Off Btm:

2012.11.11 @ 08:37:15

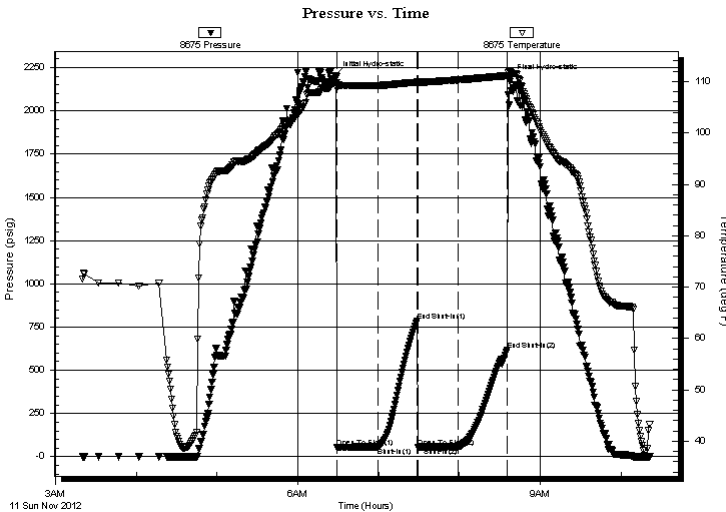
TEST COMMENT: Weak surface blow, Died in 20 min.

No return blow

No blow

No return blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2204.33	109.82	Initial Hydro-static
1	55.10	108.58	Open To Flow (1)
32	56.00	109.25	Shut-In(1)
61	785.94	109.88	End Shut-In(1)
62	56.43	109.56	Open To Flow (2)
91	56.58	110.32	Shut-In(2)
128	617.26	111.15	End Shut-In(2)
130	2188.02	111.97	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
75.00	100%Mud with few oil spots	1.05

Gas Rates

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

* Recovery from multiple tests



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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: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
75.00	100%Mud w ith few oil spots	1.052

Total Length: 75.00 ft Total Volume: 1.052 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

