



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Abercrombie Energy LLC

11-15s-15w Russell

10209 W Central
Ste 2
Wichita Ks 67212-4685
ATTN: Mark Galyon

Dietz 2-11

Job Ticket: 46012

DST#: 3

Test Start: 2011.12.06 @ 13:20:52

GENERAL INFORMATION:

Formation: **LKC I-J**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:34:47

Time Test Ended: 19:23:16

Test Type: Conventional Bottom Hole (Reset)

Tester: Ray Schwager

Unit No: 42

Interval: 3100.00 ft (KB) To 3144.00 ft (KB) (TVD)

Reference Elevations: 1750.00 ft (KB)

Total Depth: 3144.00 ft (KB) (TVD)

1740.00 ft (CF)

Hole Diameter: 7.85 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

Serial #: 6625 Inside

Press @ Run Depth: 79.43 psig @ 3108.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.12.06

End Date:

2011.12.06

Last Calib.:

2011.12.06

Start Time:

13:20:52

End Time:

19:23:16

Time On Btm:

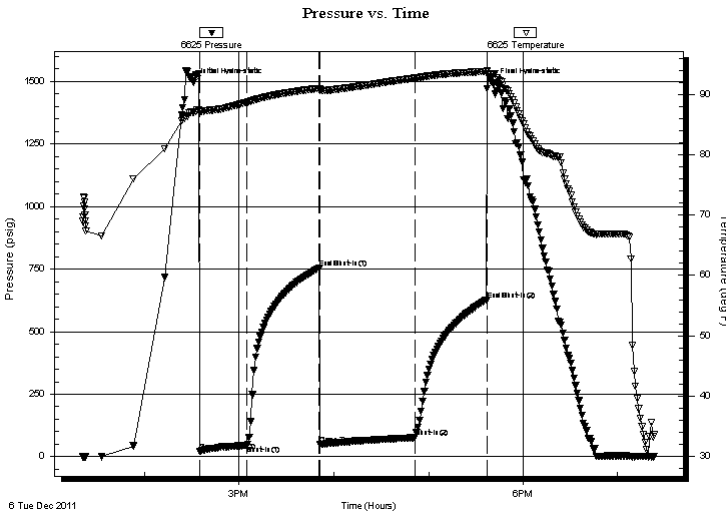
2011.12.06 @ 14:31:17

Time Off Btm:

2011.12.06 @ 17:40:46

TEST COMMENT: 30-IFP-w k to a gd bl 1/2" to 6" bl
45-ISIP-no bl
60-FFP-w k bl 1/2" to 1" bl
45-FSIP-no bl

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1496.68	87.11	Initial Hydro-static
4	22.21	87.09	Open To Flow (1)
34	46.53	88.72	Shut-In(1)
80	753.63	91.03	End Shut-In(1)
80	49.66	90.77	Open To Flow (2)
140	79.43	92.72	Shut-In(2)
186	627.39	93.83	End Shut-In(2)
190	1493.85	93.48	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	MW 20%M80%W w /show of oil	0.84
60.00	Water	0.84

* 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

Mud Weight: 9.00 lb/gal

Viscosity: 54.00 sec/qt

Water Loss: 7.20 in³

Resistivity: ohm.m

Salinity: 3800.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: 44000 ppm

deg API

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	MW 20%M80%W w/show of oil	0.842
60.00	Water	0.842

Total Length: 120.00 ft Total Volume: 1.684 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW.24 @ 50F

Pressure vs. Time

