



**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: 46011

**DST#: 2**

Test Start: 2011.12.05 @ 18:05:30

## GENERAL INFORMATION:

Formation: **LKC E-G**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:42:25

Time Test Ended: 00:31:24

Test Type: Conventional Bottom Hole (Reset)

Tester: Ray Schwager

Unit No: 42

**Interval: 3025.00 ft (KB) To 3067.00 ft (KB) (TVD)**

Reference Elevations: 1750.00 ft (KB)

Total Depth: 3067.00 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: 47.34 psig @ 3032.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.12.05 End Date: 2011.12.06

Last Calib.: 2011.12.06

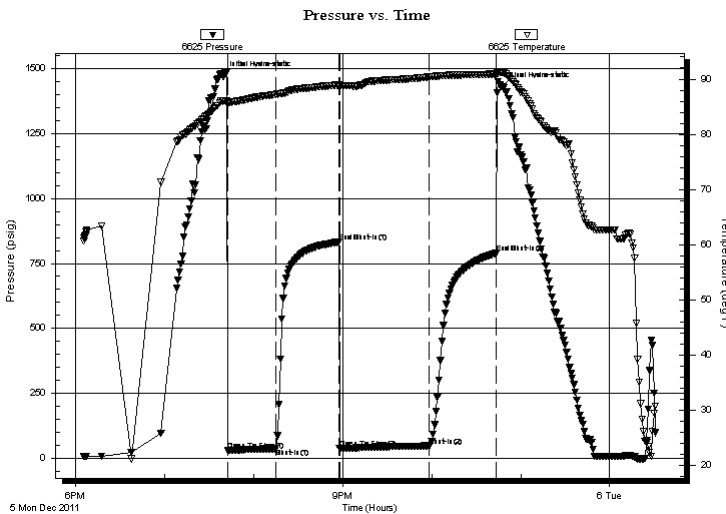
Start Time: 18:05:30 End Time: 00:31:24

Time On Btm: 2011.12.05 @ 19:39:25

Time Off Btm: 2011.12.05 @ 22:47:24

**TEST COMMENT:** 30-IFP-w k bl 1/2" to 1 1/4" bl  
45-ISIP-no bl  
60-FFP-w k bl 1/4" bl  
45-FSIP-no bl

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1472.92	86.05	Initial Hydro-static
3	29.92	85.75	Open To Flow (1)
36	36.53	87.25	Shut-In(1)
78	832.44	88.92	End Shut-In(1)
79	36.68	88.67	Open To Flow (2)
139	47.34	90.40	Shut-In(2)
184	789.40	90.93	End Shut-In(2)
188	1430.94	91.21	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
55.00	Mud w /slight Show of oil	0.77

## 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

Mud Weight: 9.00 lb/gal

Viscosity: 53.00 sec/qt

Water Loss: 6.77 in<sup>3</sup>

Resistivity: ohm.m

Salinity: 3900.00 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: deg API

ppm

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
55.00	Mud w /slight Show of oil	0.772

Total Length: 55.00 ft      Total Volume: 0.772 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

# Pressure vs. Time

