



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Abercrombie Energy, LLC

Shepherd Trust #2-25

10209W. Central
Suite 2
Wichita, KS. 67212
ATTN: Larry Friend

25-10s-18w-Rooks

Job Ticket: 42836

DST#: 4

Test Start: 2011.03.27 @ 19:47:34

GENERAL INFORMATION:

Formation: **H-I-J**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:18:34

Time Test Ended: 02:32:19

Test Type: Conventional Bottom Hole

Tester: Jason McLemore

Unit No: 54

Interval: 3407.00 ft (KB) To 3470.00 ft (KB) (TVD)

Reference Elevations: 2056.00 ft (KB)

Total Depth: 3470.00 ft (KB) (TVD)

2046.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8673

Inside

Press @ Run Depth: 55.47 psig @ 3467.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.03.27

End Date:

2011.03.28

Last Calib.:

2011.03.28

Start Time:

19:47:36

End Time:

02:32:19

Time On Btm:

2011.03.27 @ 21:18:04

Time Off Btm:

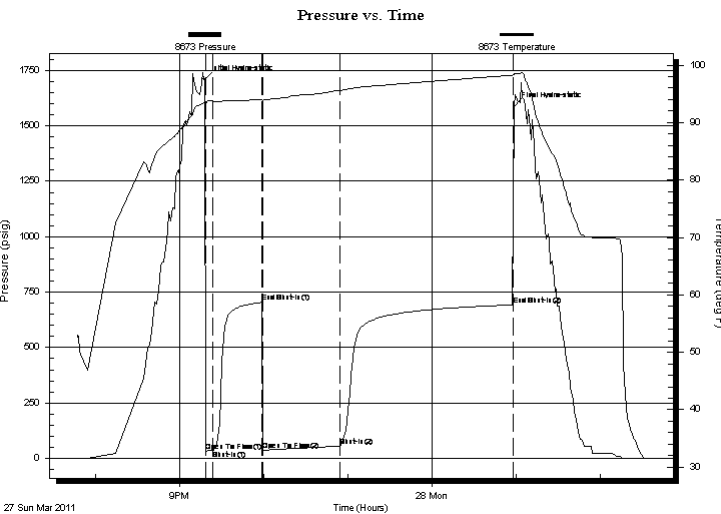
2011.03.28 @ 00:58:49

TEST COMMENT: IFP-Fair Blow ,Built to 1-3/4"

ISI-Dead

FFP-Good Blow ,BOB in 50 Min.

FSI-Dead



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1709.23	93.56	Initial Hydro-static
1	32.97	92.95	Open To Flow (1)
6	36.21	93.79	Shut-In(1)
41	703.84	94.06	End Shut-In(1)
42	37.33	93.87	Open To Flow (2)
97	55.47	95.61	Shut-In(2)
220	692.39	98.23	End Shut-In(2)
221	1588.41	98.39	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2.00	Free Oil	0.03
63.00	Gassy HOCM-20%G-35%O-45%M	0.88
0.00	60' Gas In Pipe	0.00

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: 46.00 sec/qt
Water Loss: 6.80 in³
Resistivity: ohm.m
Salinity: 7600.00 ppm
Filter Cake: inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: 36 deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2.00	Free Oil	0.028
63.00	Gassy HOCM-20%G-35%O-45%M	0.884
0.00	60' Gas In Pipe	0.000

Total Length: 65.00 ft Total Volume: 0.912 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

