



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Shakespeare
202 W. Main St
Salen II
62881
ATTN: Tim Priest

Ottley 8-15
15-14-32/Logan
Job Ticket: 41789 **DST#: 2**
Test Start: 2011.03.02 @ 03:25:58

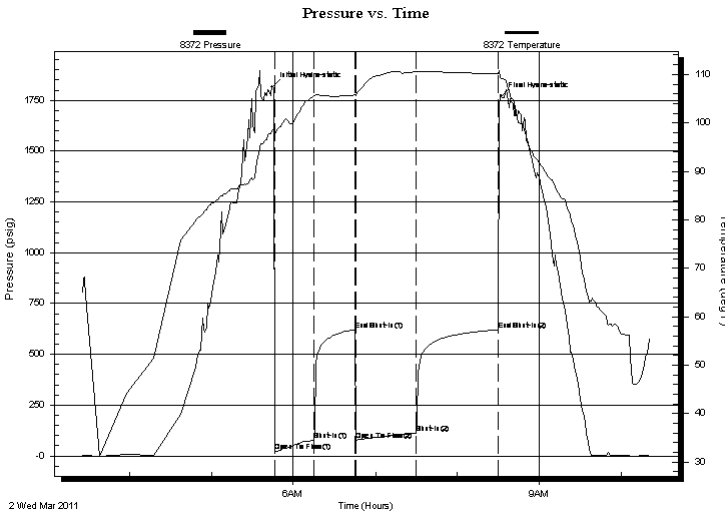
GENERAL INFORMATION:

Formation: **LKC "B"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 05:46:27
Time Test Ended: 10:20:27
Interval: **3794.00 ft (KB) To 3817.00 ft (KB) (TVD)**
Total Depth: 3817.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition:
Test Type: Conventional Bottom Hole
Tester: Brian Fairbank
Unit No: 41
Reference Elevations: 2777.00 ft (KB)
2767.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 8372 Inside
Press @ Run Depth: 113.21 psig @ 3799.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2011.03.02 End Date: 2011.03.02 Last Calib.: 2011.03.02
Start Time: 03:25:58 End Time: 10:20:27 Time On Btm: 2011.03.02 @ 05:44:57
Time Off Btm: 2011.03.02 @ 08:31:57

TEST COMMENT: IFP - weak to good blow 1/4" - 7"
ISI - no blow back
FFP - weak to good blow sur - 7 1/2"
FSI - sur blow back - died 17 min

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1816.55	98.57	Initial Hydro-static
2	20.71	97.93	Open To Flow (1)
30	75.53	105.61	Shut-In(1)
60	621.12	105.75	End Shut-In(1)
61	78.90	105.53	Open To Flow (2)
105	113.21	110.63	Shut-In(2)
165	620.90	110.17	End Shut-In(2)
167	1770.62	109.24	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
218.00	MW 90%W, 10%M	1.96
2.00	FREE OIL 95%O, 5%M	0.03

Gas Rates

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



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Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 34 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 60000 ppm
Viscosity: 54.00 sec/qt	Cushion Volume: bbl	
Water Loss: 7.96 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 1500.00 ppm		
Filter Cake: inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
218.00	MW 90%W, 10%M	1.956
2.00	FREE OIL 95%O, 5%M	0.028

Total Length: 220.00 ft Total Volume: 1.984 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

Pressure vs. Time

