



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

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

Ottley 8-15
15-14-32/Logan
Job Ticket: 41790 **DST#: 3**
Test Start: 2011.03.02 @ 19:57:12

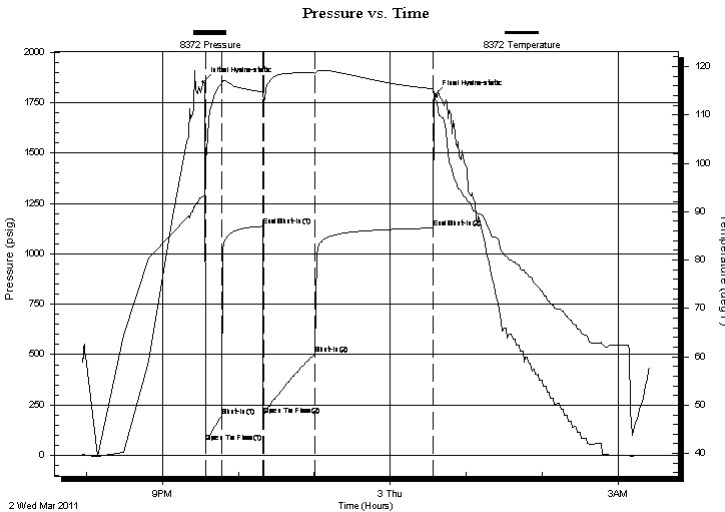
GENERAL INFORMATION:

Formation: **LKC "D"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 21:34:11
Time Test Ended: 03:25:11
Interval: **3841.00 ft (KB) To 3860.00 ft (KB) (TVD)**
Total Depth: 3860.00 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: 504.61 psig @ 3842.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2011.03.02 End Date: 2011.03.03 Last Calib.: 2011.03.03
Start Time: 19:57:12 End Time: 03:25:11 Time On Btm: 2011.03.02 @ 21:32:41
Time Off Btm: 2011.03.03 @ 00:35:41

TEST COMMENT: IFP - BOB 2 min
ISI - BOB 8 min
FFP - BOB 2 min
FSI - BOB 13 min - died 47 min

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1851.97	93.31	Initial Hydro-static
2	65.11	96.65	Open To Flow (1)
14	193.23	116.37	Shut-In(1)
47	1136.14	114.72	End Shut-In(1)
48	201.12	113.34	Open To Flow (2)
88	504.61	118.64	Shut-In(2)
181	1127.07	115.39	End Shut-In(2)
183	1788.14	113.24	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
160.00	GW & OCM 25%G, 5%O, 5%W, 65%M	1.14
100.00	GW & MCO 50%G, 40%O, 5%W, 5%M	1.40
1115.00	FREE OIL 95%O, 5%M	15.64
0.00	825' GIP	0.00

Gas Rates

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



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FLUID SUMMARY

Shakespeare

Ottley 8-15

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Salen II
62881

15-14-32/Logan

Job Ticket: 41790

DST#: 3

ATTN: Tim Priest

Test Start: 2011.03.02 @ 19:57:12

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

38 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

43000 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
160.00	GW & OCM 25%G, 5%O, 5%W, 65%M	1.142
100.00	GW & MCO 50%G, 40%O, 5%W, 5%M	1.403
1115.00	FREE OIL 95%O, 5%M	15.641
0.00	825' GIP	0.000

Total Length: 1375.00 ft

Total Volume: 18.186 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

