



**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: 41792 **DST#: 5**
Test Start: 2011.03.04 @ 11:09:41

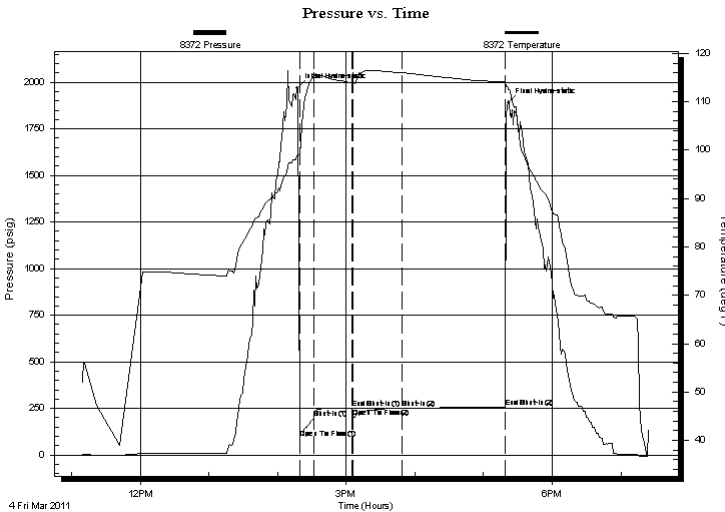
GENERAL INFORMATION:

Formation: **LKC "J"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 14:19:10
Time Test Ended: 19:25:40
Interval: **3991.00 ft (KB) To 4020.00 ft (KB) (TVD)**
Total Depth: 4020.00 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: 252.66 psig @ 3992.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2011.03.04 End Date: 2011.03.04 Last Calib.: 2011.03.04
Start Time: 11:09:41 End Time: 19:25:40 Time On Btm: 2011.03.04 @ 14:17:40
Time Off Btm: 2011.03.04 @ 17:21:40

TEST COMMENT: IFP - BOB 1 1/2 min
ISI - BOB 6 min
FFP - BOB 4 min
FSI - BOB 37 min

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1970.28	98.94	Initial Hydro-static
2	92.06	98.74	Open To Flow (1)
15	196.06	115.31	Shut-In(1)
48	252.45	113.92	End Shut-In(1)
48	204.38	113.87	Open To Flow (2)
91	252.66	116.03	Shut-In(2)
182	254.95	114.09	End Shut-In(2)
184	1890.60	112.62	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
125.00	GOCM 75%G, 15%O, 10%M	0.65
215.00	GMCO 10%G, 75%O, 15%M	3.02
325.00	FREE OIL 95%O, 5%M	4.56
0.00	975' GIP	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

Cushion Type:

Oil API:

38 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 62.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.58 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
125.00	GOCM 75%G, 15%O, 10%M	0.651
215.00	GMCO 10%G, 75%O, 15%M	3.016
325.00	FREE OIL 95%O, 5%M	4.559
0.00	975' GIP	0.000

Total Length: 665.00 ft

Total Volume: 8.226 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

