



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Eternity Exploration, LLC

**Verna Marie #1**

338 Spyglass Dr.  
Coppell, TX. 75019

**36/10s/32W**

Job Ticket: 042179

**DST#: 1**

ATTN: Scott Alberg

Test Start: 2011.03.24 @ 14:38:00

## GENERAL INFORMATION:

Formation: **LKC "E,F"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:35:15

Time Test Ended: 21:56:30

Test Type: Conventional Bottom Hole

Tester: Kevin Mack

Unit No: 55

**Interval: 4072.00 ft (KB) To 4105.00 ft (KB) (TVD)**

Reference Elevations: 3004.00 ft (KB)

Total Depth: 4105.00 ft (KB) (TVD)

2999.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

**Serial #: 6771 Outside**

Press @ Run Depth: 510.83 psig @ 4073.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.03.24

End Date: 2011.03.24

Last Calib.: 2011.03.24

Start Time: 14:38:30

End Time: 21:56:30

Time On Btm: 2011.03.24 @ 16:34:45

Time Off Btm: 2011.03.24 @ 19:24:45

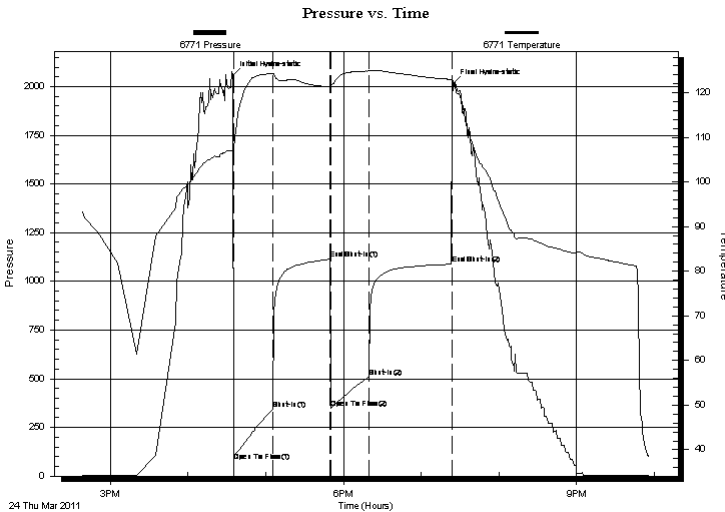
**TEST COMMENT:** IF: BoB 3 Min. 45 sec.

IS: Weak surface return started at 20 Min died at 40 min

FF: BoB in 6 1/2 Min.

FS: Weak surface return started at 33 min did not build or die

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2057.76	107.44	Initial Hydro-static
1	75.93	107.31	Open To Flow (1)
31	341.29	124.36	Shut-In(1)
75	1114.00	121.31	End Shut-In(1)
76	347.36	121.26	Open To Flow (2)
105	510.83	124.85	Shut-In(2)
169	1088.63	122.97	End Shut-In(2)
170	2013.03	122.71	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
60.00	Mud 100M	0.30
214.00	MW 5M 95W	2.46
124.00	OCMW 10M 80W 10o	1.74
186.00	OCMW 5M 70W 25o	2.61
454.00	OCMW 50M 25W 25o	6.37
10.00	Free oil 95o 5M	0.14

## 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:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

50000 ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.17 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: 2.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	Mud 100M	0.295
214.00	MW 5M 95W	2.455
124.00	OCMW 10M 80W 10o	1.739
186.00	OCMW 5M 70W 25o	2.609
454.00	OCMW 50M 25W 25o	6.368
10.00	Free oil 95o 5M	0.140

Total Length: 1048.00 ft      Total Volume: 13.606 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW .23 @ 45 =50000

### Pressure vs. Time

