



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

BEREXCO L.L.C.

**SEC.22 - 1S. - 36W RAWLINS CO.**

2020 N. BRAMBLEWOOD  
WICHITA KS. 67202

**MICHEAL #5-22**

Job Ticket: 54872

**DST#: 3**

ATTN: PETE VOLLYMEYER

Test Start: 2013.10.28 @ 14:18:00

## GENERAL INFORMATION:

Formation: **L.K.C. " B "**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:54:10

Time Test Ended: 00:27:10

Test Type: Conventional Bottom Hole (Reset)

Tester: BOB HAMEL

Unit No: 41

**Interval: 4208.00 ft (KB) To 4252.00 ft (KB) (TVD)**

Reference Elevations: 3265.00 ft (KB)

Total Depth: 4122.00 ft (KB) (TVD)

3252.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 13.00 ft

## Serial #: 6752

Press @ RunDepth: 146.98 psig @ ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.10.28

End Date: 2013.10.29

Last Calib.: 2013.10.29

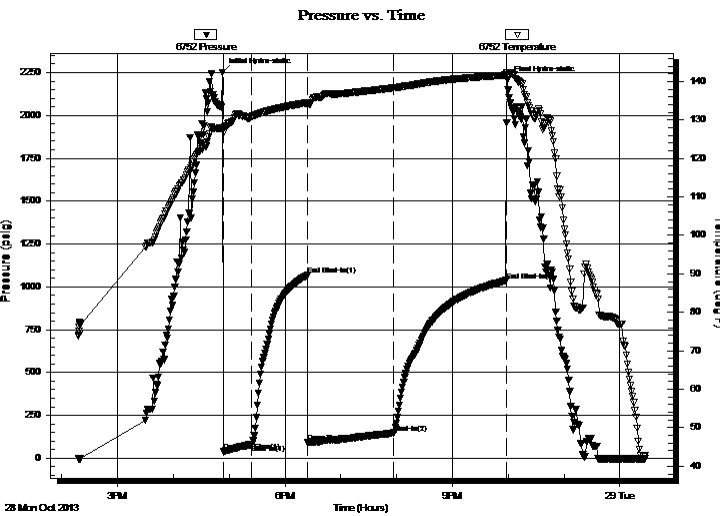
Start Time: 14:18:01

End Time: 00:27:10

Time On Btm: 2013.10.28 @ 16:52:50

Time Off Btm: 2013.10.28 @ 21:59:09

**TEST COMMENT:** I.F. - 30 - 1/4 INT. BLOW BUILT TO 4" IN 30 MIN.  
I.S.I. - 60 - NO B.B.  
F.F. - 90 - W.S.B. STARTED @ 10 MIN. BUILT TO 6" IN 90 MIN.  
F.S.I. - 120 - NO B.B.



## PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation           |
|-------------|-----------------|--------------|----------------------|
| 0           | 2250.85         | 128.04       | Initial Hydro-static |
| 2           | 38.48           | 127.95       | Open To Flow (1)     |
| 32          | 80.24           | 130.87       | Shut-In(1)           |
| 91          | 1066.60         | 134.45       | End Shut-In(1)       |
| 92          | 93.18           | 134.17       | Open To Flow (2)     |
| 185         | 146.98          | 138.30       | Shut-In(2)           |
| 305         | 1037.14         | 141.65       | End Shut-In(2)       |
| 307         | 2205.32         | 142.20       | Final Hydro-static   |

## Recovery

| Length (ft) | Description       | Volume (bbl) |
|-------------|-------------------|--------------|
| 186.00      | OCM 15%OIL 85%MUD | 0.91         |
| 93.00       | CLEAN OIL 100%    | 0.46         |
|             |                   |              |
|             |                   |              |

## Gas Rates

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

\* Recovery from multiple tests



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**FLUID SUMMARY**

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Test Start: 2013.10.28 @ 14:18:00

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 72.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.40 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 500.00 ppm

Filter Cake: 2.00 inches

## Recovery Information

Recovery Table

| Length<br>ft | Description       | Volume<br>bbl |
|--------------|-------------------|---------------|
| 186.00       | OCM 15%OIL 85%MUD | 0.915         |
| 93.00        | CLEAN OIL 100%    | 0.457         |

Total Length: 279.00 ft

Total Volume: 1.372 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

