



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

BEREXCO L.L.C.

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

2020 N. BRAMBLEWOOD  
WICHITA KS. 67202

**Michael #5-22**

Job Ticket: 54871

**DST#: 2**

ATTN: PETE VOLLYMEYER

Test Start: 2013.10.27 @ 17:33:00

## GENERAL INFORMATION:

Formation: **KC. " A "**  
 Deviated: No Whipstock: ft (KB)  
 Test Type: Conventional Bottom Hole (Reset)  
 Time Tool Opened: 19:53:00  
 Tester: BOB HAMEL  
 Time Test Ended: 03:59:19  
 Unit No: 41  
 Interval: **4110.00 ft (KB) To 4222.00 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

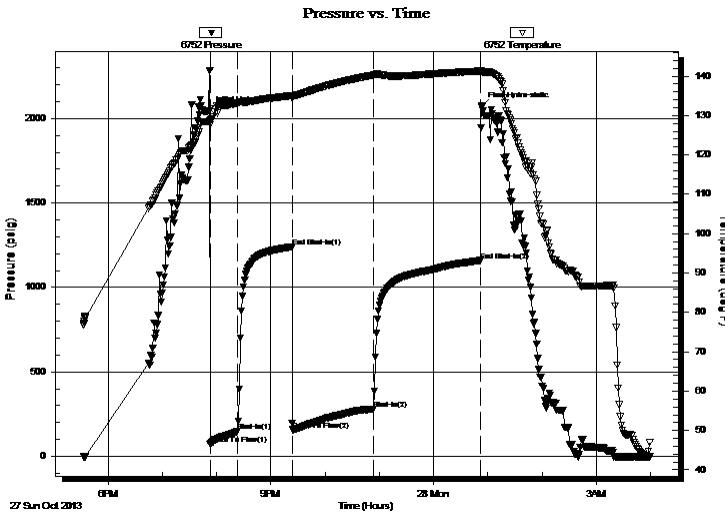
## Serial #: 6752

Inside

Press @ Run Depth: 281.39 psig @ 4208.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2013.10.27 End Date: 2013.10.28 Last Calib.: 2013.10.28  
 Start Time: 17:33:01 End Time: 03:59:19 Time On Btm: 2013.10.27 @ 19:51:50  
 Time Off Btm: 2013.10.28 @ 00:53:00

**TEST COMMENT:** I.F. - 30 - 1/4 INT. BLOW BUILT TO B.O.B. IN 27 1/2 MIN.  
 I.S.I. - 60 - W.S.B.B. STARTED @ 7 MIN. BUILT TO 1/2" IN 60 MIN.  
 F.F. - 90 - 1/4 INT. BLOW BUILT TO B.O.B. IN 30 MIN.  
 F.S.I. - 120 - W.S.B.B. STARTED @ 5 MIN. BUILT TO 4" IN 120 MIN.

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2047.12	128.48	Initial Hydro-static
2	70.42	127.64	Open To Flow (1)
32	149.08	133.18	Shut-In(1)
92	1240.52	135.05	End Shut-In(1)
93	156.95	134.87	Open To Flow (2)
183	281.39	140.29	Shut-In(2)
301	1159.40	141.29	End Shut-In(2)
302	2070.44	141.17	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
93.00	S,G,H,M,C,O, 5%GAS 35%MUD 60%OIL	0.46
93.00	G,C,O, 10%GAS 90%OIL	0.46
392.00	CLEAN OIL 100%	2.42

\* Recovery from multiple tests

## 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  
Mud Weight: 9.00 lb/gal  
Viscosity: 59.00 sec/qt  
Water Loss: 7.20 in<sup>3</sup>  
Resistivity: ohm.m  
Salinity: 900.00 ppm  
Filter Cake: 2.00 inches

Cushion Type:  
Cushion Length: ft  
Cushion Volume: bbl  
Gas Cushion Type:  
Gas Cushion Pressure: psig

Oil API: deg API  
Water Salinity: ppm

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
93.00	S,G,H,M,C,O, 5%GAS 35%MUD 60%OIL	0.457
93.00	G,C,O, 10%GAS 90%OIL	0.457
392.00	CLEAN OIL 100%	2.420

Total Length: 578.00 ft      Total Volume: 3.334 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6752

Inside

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DST Test Number: 2

