



**TRILOBITE TESTING, INC.**

## DRILL STEM TEST REPORT

BEREXCO L.L.C.  
 2020 N. BRAMBLEWOOD  
 WICHITA KS. 67202  
 ATTN: PETE VOLLMER

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

**MICHAEL #5-22**

Job Ticket: 55144 **DST#: 5**

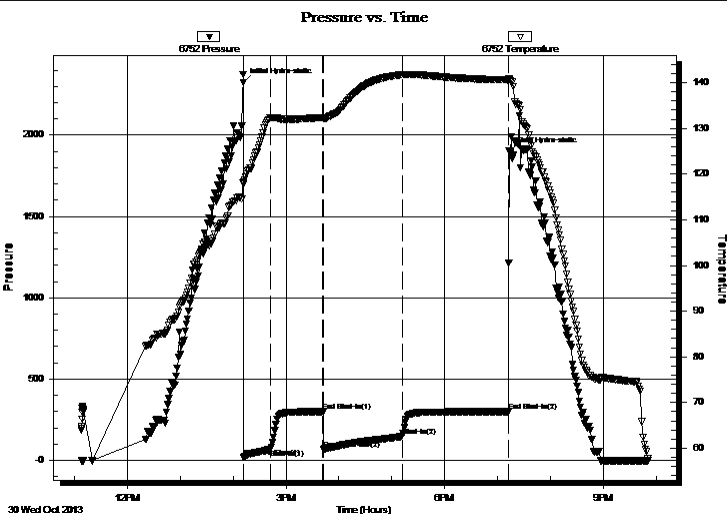
Test Start: 2013.10.30 @ 11:08:20

### GENERAL INFORMATION:

Formation: **LKC Lower " C "**  
 Deviated: No Whipstock: ft (KB)  
 Test Type: Conventional Bottom Hole (Reset)  
 Time Tool Opened: 14:12:00 Tester: Ryan Nichols  
 Time Test Ended: 21:50:00 Unit No: 41  
 Interval: **4322.00 ft (KB) To 4343.00 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: Good KB to GR/CF: 13.00 ft

**Serial #: 6752** **Inside**  
 Press @ RunDepth: 146.38 psig @ 4323.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2013.10.30 End Date: 2013.10.30 Last Calib.: 2013.10.30  
 Start Time: 11:08:21 End Time: 21:50:00 Time On Btm: 2013.10.30 @ 14:11:50  
 Time Off Btm: 2013.10.30 @ 19:12:50

**TEST COMMENT:** 30 IF - Surface blow built to 7"  
 60 ISI - Surface blow started @ 1 min built to 1/4"  
 90 FF - Surface blow built to BoB @ 35 mins  
 120 ISI - Surface blow started @ 5 mins built to 3"



### PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2323.28	118.23	Initial Hydro-static
1	19.53	117.76	Open To Flow (1)
31	67.43	132.40	Shut-In(1)
90	300.03	132.34	End Shut-In(1)
91	69.81	132.19	Open To Flow (2)
180	146.38	141.75	Shut-In(2)
301	299.52	140.59	End Shut-In(2)
301	1900.89	140.81	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
90.00	GOCM - 20%G - 30%o - 50%M	0.44
180.00	GO - 40%G - 60%o	0.89
60.00	GO - 50%G - 50%o	0.30

### Gas Rates

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

\* Recovery from multiple tests



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**FLUID SUMMARY**

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## Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 27 deg API
Mud Weight: 8.00 lb/gal	Cushion Length: ft	Water Salinity: ppm
Viscosity: 62.00 sec/qt	Cushion Volume: bbl	
Water Loss: 7.00 in <sup>3</sup>	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 300.00 ppm		
Filter Cake: 1.00 inches		

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
90.00	GOCM - 20%G - 30%o - 50%M	0.443
180.00	GO - 40%G - 60%o	0.885
60.00	GO - 50%G - 50%o	0.295

Total Length: 330.00 ft      Total Volume: 1.623 bbl

Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:

Laboratory Name:      Laboratory Location:

Recovery Comments: OIL API = 28 @ 70 DEG F = 27 COR 60 DEG F

