



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Berexco LLC.  
 2020 N. Bramblewood  
 Wichita Ks 67206  
 ATTN: Pete Vollmer

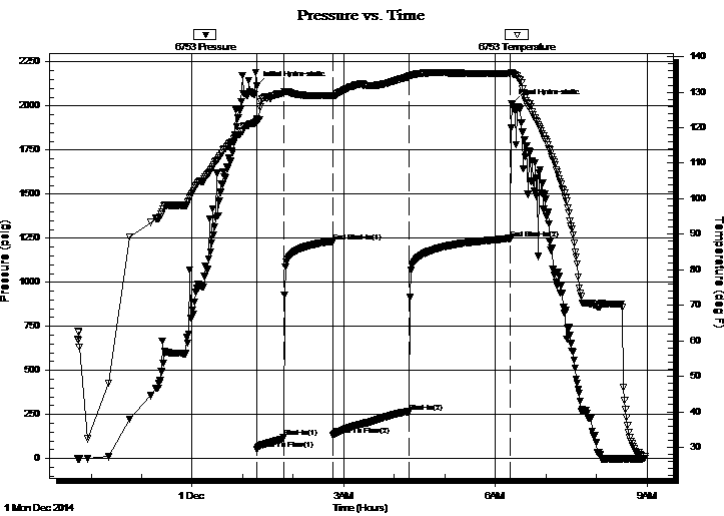
**19-1S-37W**  
**Owen Trust #1-19**  
 Job Ticket: 61013 **DST#: 2**  
 Test Start: 2014.11.30 @ 21:44:00

## GENERAL INFORMATION:

Formation: **LKC - 'B'**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 01:16:45  
 Time Test Ended: 08:57:45  
 Interval: **4170.00 ft (KB) To 4240.00 ft (KB) (TVD)**  
 Total Depth: 4240.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Good  
 Test Type: Conventional Bottom Hole (Initial)  
 Tester: Royal Fisher  
 Unit No: #54  
 Reference Elevations: 3183.00 ft (KB)  
 3170.00 ft (CF)  
 KB to GR/CF: 13.00 ft

**Serial #: 6753 Outside**  
 Press@RunDepth: 264.95 psig @ 4171.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2014.11.30 End Date: 2014.12.01 Last Calib.: 2014.12.01  
 Start Time: 21:44:05 End Time: 08:57:45 Time On Btm: 2014.12.01 @ 01:16:30  
 Time Off Btm: 2014.12.01 @ 06:19:15

**TEST COMMENT:** 30 - IF - Surface blow built to 8"  
 60 - ISI - No Return  
 90 - FF - Surface blow started 4 mins. in and built to 10 1/2"  
 120 - FSI - No Return



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2113.94	122.59	Initial Hydro-static
1	50.15	121.54	Open To Flow (1)
32	121.08	129.67	Shut-In(1)
91	1227.45	129.11	End Shut-In(1)
91	131.33	128.63	Open To Flow (2)
181	264.95	134.31	Shut-In(2)
302	1248.96	135.30	End Shut-In(2)
303	2011.38	135.58	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
170.00	OCWM - 55M - 30W - 15o	0.84
180.00	OCM - 65M - 35o	0.89
180.00	OCM - 80M - 20o	0.92

## Gas Rates

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



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## FLUID SUMMARY

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Job Ticket: 61013

**DST#: 2**

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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:

ppm

Viscosity: 62.00 sec/qt

Cushion Volume:

bbbl

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

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 800.00 ppm

Filter Cake: 2.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
170.00	OCWM - 55M - 30W - 15o	0.836
180.00	OCM - 65M - 35o	0.885
180.00	OCM - 80M - 20o	0.918

Total Length: 530.00 ft

Total Volume: 2.639 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

