



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Berexco LLC.
2020 N Bramblewood
Wichita, KS, 67206
ATTN: Bryan Bynog

22-1S-36W

Michael # 10-22

Job Ticket: 62147

DST#: 4

Test Start: 2015.01.23 @ 15:13:00

GENERAL INFORMATION:

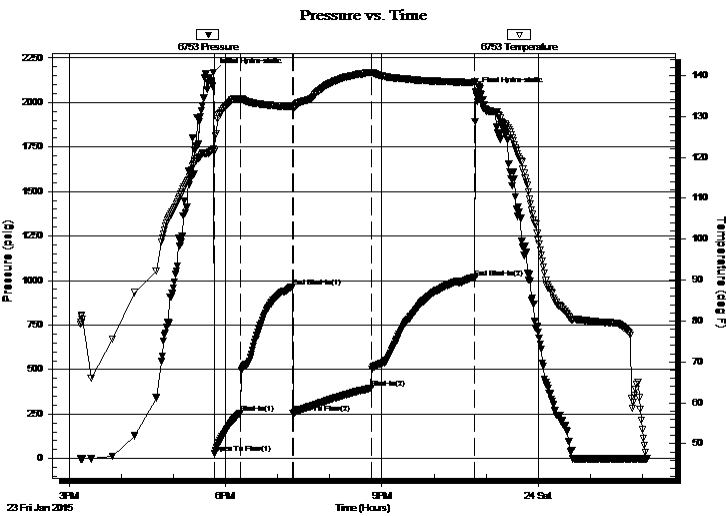
Formation: **LKC "D&E"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 17:47:00
 Time Test Ended: 02:05:30
 Interval: **4190.00 ft (KB) To 4300.00 ft (KB) (TVD)**
 Total Depth: 4300.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Donovan Baumann
 Unit No: 54
 Reference Elevations: 3120.00 ft (KB)
 3109.00 ft (CF)
 KB to GR/CF: 11.00 ft

Serial #: 6753

Outside

Press @ Run Depth: 396.18 psig @ 4191.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2015.01.23 End Date: 2015.01.24 Last Calib.: 2015.01.24
 Start Time: 15:13:05 End Time: 02:05:30 Time On Btm: 2015.01.23 @ 17:46:30
 Time Off Btm: 2015.01.23 @ 22:48:00

TEST COMMENT: 30 - IF - Strong surface blow built to BOB in 7 min. (In Diesel)
 60 - ISI - No return
 90 - FF - Weak surface blow started 3 min. in and built to BOB in 17 min.
 120 - FSI - No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2169.05	122.05	Initial Hydro-static
1	26.96	121.44	Open To Flow (1)
31	254.68	134.27	Shut-In(1)
91	964.78	132.46	End Shut-In(1)
92	254.29	132.22	Open To Flow (2)
182	396.18	140.72	Shut-In(2)
301	1013.52	138.27	End Shut-In(2)
302	2058.88	137.82	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
406.00	MCW - 15M - 85W	2.00
430.00	OSM - 100M - Oil spots	5.50

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

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 77.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.80 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1100.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
406.00	MCW - 15M - 85W	1.997
430.00	OSM - 100M - Oil spots	5.497

Total Length: 836.00 ft

Total Volume: 7.494 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

