



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

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

27 1S 36W Rawlins KS

Theresa 1-27

Job Ticket: 60825

DST#: 2

Test Start: 2015.03.22 @ 17:20:00

GENERAL INFORMATION:

Formation: **LKC "B&C"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 20:08:00
 Time Test Ended: 03:24:00
 Interval: **4095.00 ft (KB) To 4225.00 ft (KB) (TVD)**
 Total Depth: 4225.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Robert Zodrow
 Unit No: 66
 Reference Elevations: 3133.00 ft (KB)
 3122.00 ft (CF)
 KB to GR/CF: 11.00 ft

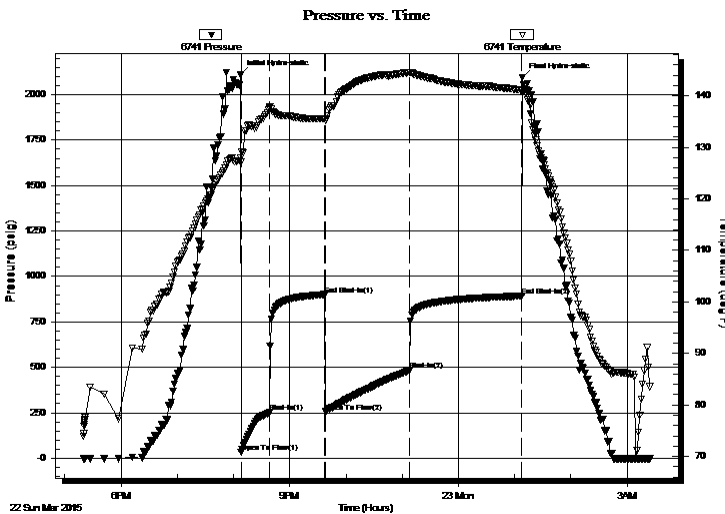
Serial #: 6741

Inside

Press @ Run Depth: 482.27 psig @ 4096.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2015.03.22 End Date: 2015.03.23 Last Calib.: 2015.03.23
 Start Time: 17:20:05 End Time: 03:24:00 Time On Btm: 2015.03.22 @ 20:07:30
 Time Off Btm: 2015.03.23 @ 01:08:30

TEST COMMENT: 30-IF- Bob in 12 mins
 60-ISI- No return
 90-FF- Bob in 21 mins
 120-FSI- No return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2107.95	127.87	Initial Hydro-static
1	31.57	127.16	Open To Flow (1)
31	251.37	137.64	Shut-In(1)
90	900.63	135.60	End Shut-In(1)
91	255.83	135.27	Open To Flow (2)
181	482.27	144.47	Shut-In(2)
300	892.43	141.10	End Shut-In(2)
301	2093.52	140.97	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
820.00	MW 15%M 85%W	8.06
180.00	WM 10%W 90%M	2.63
60.00	OCM 2%O 98%M	0.88

* 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

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

35000 ppm

Viscosity: 59.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.80 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 900.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
820.00	MW 15%M 85%W	8.061
180.00	WM 10%W 90%M	2.632
60.00	OCM 2%O 98%M	0.877

Total Length: 1060.00 ft Total Volume: 11.570 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW .325 @ 54 Deg F = 35000

Pressure vs. Time

