



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

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

22-1S-36W - Rawlins KS

Michael #1-22

Job Ticket: 53504

DST#: 3

Test Start: 2013.08.17 @ 04:22:00

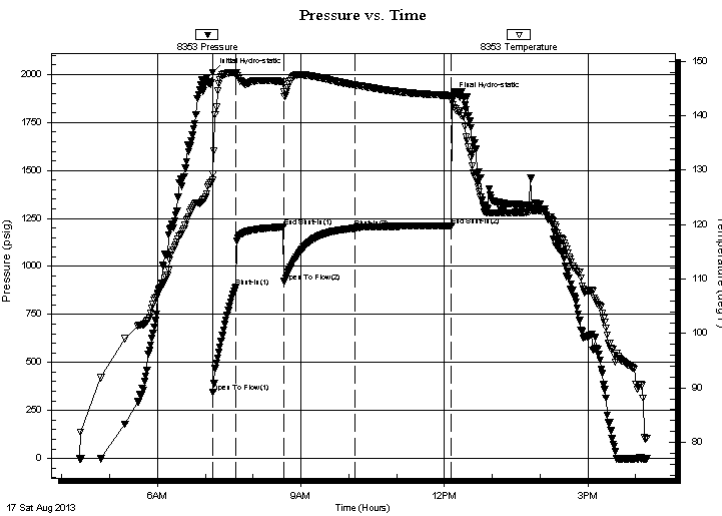
GENERAL INFORMATION:

Formation: **LKC " B "**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 07:09:45
 Tester: Ryan Nichols
 Time Test Ended: 16:14:15
 Unit No: 42
 Interval: **4085.00 ft (KB) To 4165.00 ft (KB) (TVD)**
 Reference Elevations: 3158.00 ft (KB)
 Total Depth: 4165.00 ft (KB) (TVD)
 3147.00 ft (CF)
 Hole Diameter: 7.88 inches
 Hole Condition: Good
 KB to GR/CF: 11.00 ft

Serial #: 8353

Press @ Run Depth: 1198.63 psig @ ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.08.17 End Date: 2013.08.17 Last Calib.: 2013.08.17
 Start Time: 04:22:15 End Time: 16:14:15 Time On Btm: 2013.08.17 @ 07:09:15
 Time Off Btm: 2013.08.17 @ 12:09:30

TEST COMMENT: 30 IF - Bob @ 2 mins
 60 ISI - Surface blow re-run built to 5"
 90 FF - Bob @ 2 mins started dying back @ 60 mins died back to 6"
 120 FSI - Surface blow return built to 6" @ 75 mins died back to 1 1/2"



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2010.62	128.15	Initial Hydro-static
1	343.45	129.41	Open To Flow (1)
29	892.24	147.91	Shut-In(1)
89	1205.68	146.22	End Shut-In(1)
90	921.01	144.46	Open To Flow (2)
179	1198.63	145.62	Shut-In(2)
300	1212.68	143.72	End Shut-In(2)
301	1885.14	142.67	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2800.00	GO - 15%M - 85%o	33.86

* 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:

ppm

Viscosity: 69.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.40 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 800.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2800.00	GO - 15%M - 85%o	33.856

Total Length: 2800.00 ft Total Volume: 33.856 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

