



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

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

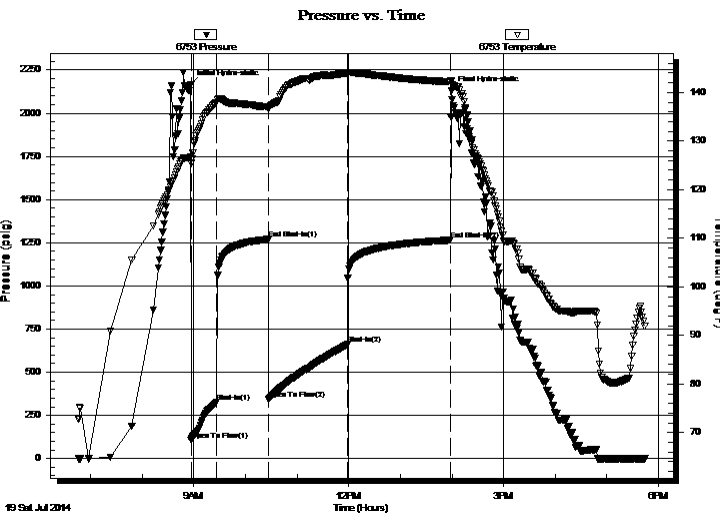
19-1S-37W
Daniel #1-19
 Job Ticket: 58457 **DST#: 1**
 Test Start: 2014.07.19 @ 06:46:00

GENERAL INFORMATION:

Formation: **KCL "B"**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 08:56:45 Tester: Royal Fisher
 Time Test Ended: 17:44:45 Unit No: 54
 Interval: **4216.00 ft (KB) To 4282.00 ft (KB) (TVD)** Reference Elevations: 3241.00 ft (KB)
 Total Depth: 4282.00 ft (KB) (TVD) 3228.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 13.00 ft

Serial #: 6753 Outside
 Press @ Run Depth: 661.40 psig @ 4217.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.07.19 End Date: 2014.07.19 Last Calib.: 2014.07.19
 Start Time: 06:46:05 End Time: 17:44:45 Time On Btm: 2014.07.19 @ 08:56:30
 Time Off Btm: 2014.07.19 @ 13:59:30

TEST COMMENT: 30 - IF - Surface blow built to bottom of the bucket in 11 min.
 60 - ISI - No return
 90 - FF - Surface blow built to bottom of the bucket in 13 min.
 120 - FSI - No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2166.43	126.75	Initial Hydro-static
1	106.53	125.43	Open To Flow (1)
30	325.12	137.92	Shut-In(1)
90	1270.14	137.08	End Shut-In(1)
90	344.02	136.64	Open To Flow (2)
182	661.40	143.87	Shut-In(2)
302	1265.13	142.18	End Shut-In(2)
303	2128.87	142.19	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
940.00	OSMW - 5M - 95W - oil spots	8.38
533.00	OSWM - 55M - 45W - oil spots	7.48

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:	21000 ppm
Viscosity: 72.00 sec/qt	Cushion Volume: bbl		
Water Loss: 5.20 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 1300.00 ppm			
Filter Cake: 2.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
940.00	OSMW - 5M - 95W - oil spots	8.377
533.00	OSWM - 55M - 45W - oil spots	7.477

Total Length: 1473.00 ft Total Volume: 15.854 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

