



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Berexco, LLC
 2020 N. Bramblewood
 Wichita, KS 67206
 ATTN: Ryan White

22/1s/36w Rawlins KS
Michael #2-22
 Job Ticket: 55080 **DST#: 2**
 Test Start: 2013.09.13 @ 09:00:00

GENERAL INFORMATION:

Formation: **LKC "A"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 11:24:30
 Time Test Ended: 19:47:45
 Interval: **3990.00 ft (KB) To 4100.00 ft (KB) (TVD)**
 Total Depth: 4100.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: James Winder
 Unit No: 57
 Reference Elevations: 3129.00 ft (KB)
 3118.00 ft (CF)
 KB to GR/CF: 11.00 ft

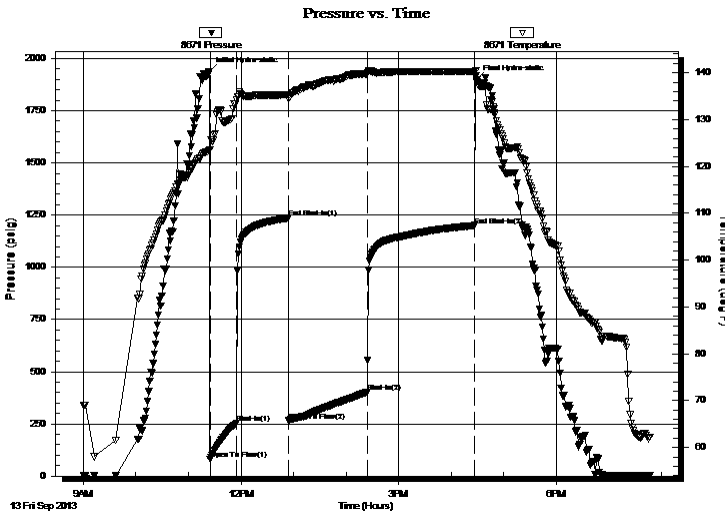
Serial #: 8671

Inside

Press @ Run Depth: 402.36 psig @ 3991.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.09.13 End Date: 2013.09.13 Last Calib.: 2013.09.13
 Start Time: 09:00:05 End Time: 19:47:45 Time On Btm: 2013.09.13 @ 11:24:00
 Time Off Btm: 2013.09.13 @ 16:29:30

TEST COMMENT: 30 - IF: 4" Blow at open, built to BOB (11") at 10 min.
 60 - IS: Blow back built to 1 3/4"
 90 - FF: Blow built to BOB at 22 min.
 120 - FS: Blow back built to BOB at 70 min.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1936.31	123.43	Initial Hydro-static
1	79.02	123.61	Open To Flow (1)
31	254.87	134.22	Shut-In(1)
90	1235.92	135.28	End Shut-In(1)
91	264.49	134.52	Open To Flow (2)
181	402.36	139.85	Shut-In(2)
304	1200.32	140.27	End Shut-In(2)
306	1900.65	138.15	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
175.00	MCW w/OS 66%w, 29%g, 3%g, 2%o	0.86
265.00	GOWCM 61%g, 18%g, 16%w, 5%o	1.30
275.00	GOM 42%g, 35%o, 23%g	3.06
190.00	SMCGO 70%o, 21%g, 9%g	2.67
0.00	GIP = 280'	0.00

* Recovery from multiple tests

Gas Rates

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



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FLUID SUMMARY

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2020 N. Bramblewood
Wichita, KS 67206

Michael #2-22

Job Ticket: 55080

DST#: 2

ATTN: Ryan White

Test Start: 2013.09.13 @ 09:00:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

26.6 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

19000 ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.60 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1000.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
175.00	MCW w/OS 66%w , 29%m, 3%g, 2%o	0.861
265.00	GOWCM 61%m, 18%g, 16%w , 5%o	1.303
275.00	GOM 42%m, 35%o, 23%g	3.056
190.00	SMCGO 70%o, 21%g, 9%m	2.665
0.00	GIP = 280'	0.000

Total Length: 905.00 ft Total Volume: 7.885 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Gravity = 27 api @ 64 deg F Corrected Gravity = 26.6 api

RW = .395 ohms @ 64.3 deg F Chlorides = 19,000 ppm

Serial #: 8671

Inside

Berexco, LLC

Michael #2-22

DST Test Number: 2

