



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Berexco, LLC

26/1s/36w Rawlins KS

2020 N. Bramblewood
Wichita, KS 67206

Lillie #1-26

Job Ticket: 55018

DST#: 2

ATTN: Pete Vollmer

Test Start: 2013.11.13 @ 20:37:00

GENERAL INFORMATION:

Formation: **LKC "A"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:30:15

Time Test Ended: 07:17:45

Test Type: Conventional Bottom Hole (Reset)

Tester: James Winder

Unit No: 150

Interval: 4116.00 ft (KB) To 4230.00 ft (KB) (TVD)

Reference Elevations: 3264.00 ft (KB)

Total Depth: 4230.00 ft (KB) (TVD)

3251.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 13.00 ft

Serial #: 8671

Inside

Press@RunDepth: 49.52 psig @ 4117.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.11.13

End Date:

2013.11.14

Last Calib.:

2013.11.14

Start Time: 20:37:05

End Time:

07:17:45

Time On Btm:

2013.11.13 @ 23:29:45

Time Off Btm:

2013.11.14 @ 04:35:15

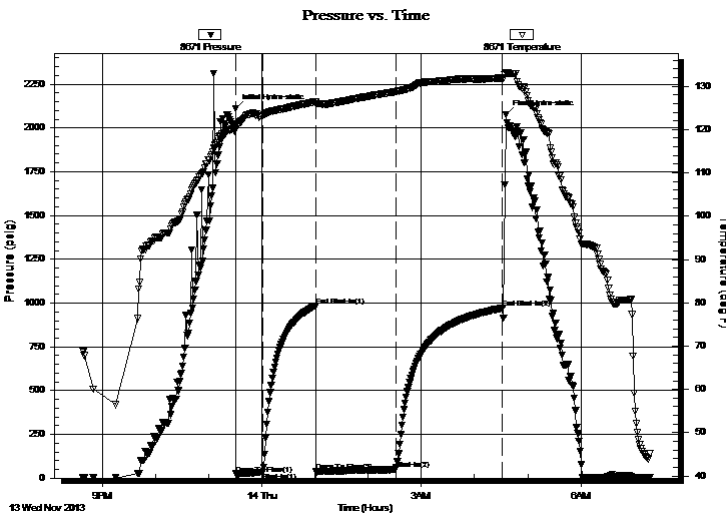
TEST COMMENT: 30 - IF: 1/4" Blow at open, built slightly then died back, dead at 21 min.

60 - ISI: No blow back

90 - FF: No blow

120 - FSI: No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2112.03	121.14	Initial Hydro-static
1	23.58	121.24	Open To Flow (1)
31	33.08	123.31	Shut-In(1)
91	985.33	126.38	End Shut-In(1)
91	36.42	125.85	Open To Flow (2)
181	49.52	128.74	Shut-In(2)
302	971.32	131.92	End Shut-In(2)
306	2076.45	133.19	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
45.00	Mud 100%	0.22

* 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: 67.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.20 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1900.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
45.00	Mud 100%	0.221

Total Length: 45.00 ft Total Volume: 0.221 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

