



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

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

26/1s/36w Rawlins KS
Lillie #3-26
Job Ticket: 56941 **DST#: 5**
Test Start: 2014.07.10 @ 05:32:00

GENERAL INFORMATION:

Formation: **LKC "C"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 07:39:00
Time Test Ended: 15:11:30
Interval: **4306.00 ft (KB) To 4370.00 ft (KB) (TVD)**
Total Depth: 4370.00 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: 3307.00 ft (KB)
3294.00 ft (CF)
KB to GR/CF: 13.00 ft

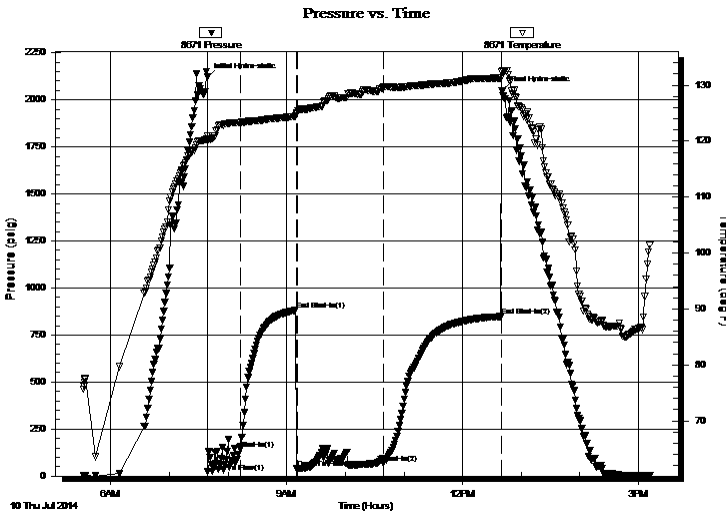
Serial #: 8671

Inside

Press @ Run Depth: 69.82 psig @ 4307.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2014.07.10 End Date: 2014.07.10 Last Calib.: 2014.07.10
Start Time: 05:32:05 End Time: 15:11:30 Time On Btm: 2014.07.10 @ 07:38:45
Time Off Btm: 2014.07.10 @ 12:40:15

TEST COMMENT: 30 - IF: Blow built to 1 1/4"
60 - IS: No blow back
90 - FF: Blow built to 4"
120 - FS: No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2121.06	120.95	Initial Hydro-static
1	22.25	120.33	Open To Flow (1)
34	143.12	123.21	Shut-In(1)
91	882.23	124.46	End Shut-In(1)
92	39.91	125.05	Open To Flow (2)
180	69.82	129.61	Shut-In(2)
301	849.00	131.29	End Shut-In(2)
302	2046.80	132.34	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
89.00	GOCM 62% <i>m</i> , 26% <i>o</i> , 12% <i>g</i>	0.44
31.00	OM 55% <i>m</i> , 41% <i>o</i> , 4% <i>g</i>	0.15
2.00	Free Oil	0.01

* Recovery from multiple tests

Gas Rates

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



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FLUID SUMMARY

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DST#: 5

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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: 56.00 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 bbbl
89.00	GOCM 62% _m , 26% _o , 12% _g	0.438
31.00	OM 55% _m , 41% _o , 4% _g	0.152
2.00	Free Oil	0.010

Total Length: 122.00 ft Total Volume: 0.600 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

