



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Berexco, LLC.

23-1S-36W Rawlins, KS

2020 N Bramblewood
Wichita, KS 67206

Michael #3-23

Job Ticket: 56959

DST#: 4

ATTN: Pete Vollmer

Test Start: 2014.03.15 @ 18:15:00

GENERAL INFORMATION:

Formation: **LKC "C"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:07:00

Time Test Ended: 04:35:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Kevin Mack

Unit No: 66

Interval: 4268.00 ft (KB) To 4350.00 ft (KB) (TVD)

Reference Elevations: 3272.00 ft (KB)

Total Depth: 4350.00 ft (KB) (TVD)

3259.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 13.00 ft

Serial #: 8874 Inside

Press@RunDepth: 49.17 psig @ 4269.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.03.15

End Date:

2014.03.16

Last Calib.:

2014.03.16

Start Time: 18:16:00

End Time:

04:35:30

Time On Btm:

2014.03.15 @ 21:06:30

Time Off Btm:

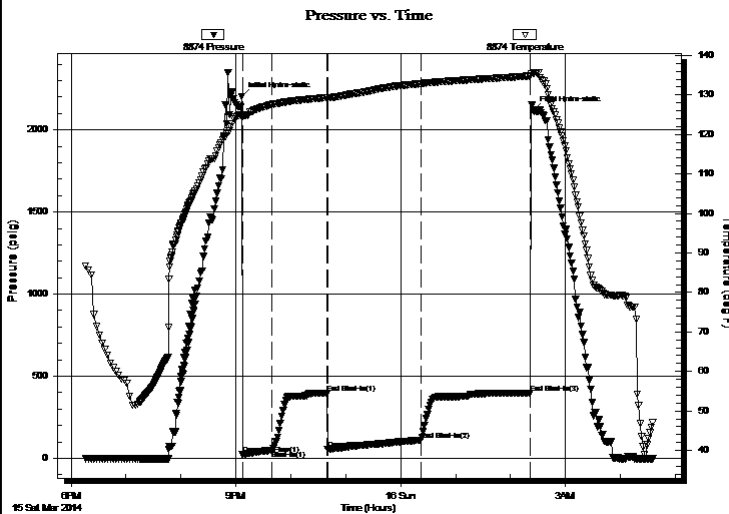
2014.03.16 @ 02:25:00

TEST COMMENT: 30 - IF- Surface Blow built to 3"

60 - IS- No Return

90 - FF- Surface Blow started at 10 min. Built to BoB in 72 min.

120 - FS- No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2202.81	125.06	Initial Hydro-static
1	21.85	124.50	Open To Flow (1)
33	49.17	127.60	Shut-In(1)
93	397.09	129.33	End Shut-In(1)
94	53.19	129.25	Open To Flow (2)
196	110.48	132.87	End Shut-In(2)
315	395.86	134.79	End Shut-In(3)
319	2118.93	135.53	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
140.00	OCM 70M 30o	0.69
80.00	Clean Oil 100o	0.39

Gas Rates

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



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FLUID SUMMARY

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ATTN: Pete Vollmer

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Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

31 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 73.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.20 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1400.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
140.00	OCM 70M 30o	0.688
80.00	Clean Oil 100o	0.393

Total Length: 220.00 ft Total Volume: 1.081 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Oil API = 32 @ 70 deg = 31 cor.

Pressure vs. Time

