



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Berexco LLC.

9-1S-36W Rawlins, KS

2020 N Bramblewood
Wichita, KS 67206

Kevin #1-9

Job Ticket: 60896

DST#: 4

ATTN: Bryan Bynog

Test Start: 2015.03.09 @ 05:37:00

GENERAL INFORMATION:

Formation: **LKC "C,D,E"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:42:00

Time Test Ended: 14:07:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Kevin Mack

Unit No: 82

Interval: 4200.00 ft (KB) To 4360.00 ft (KB) (TVD)

Reference Elevations: 3182.00 ft (KB)

Total Depth: 4360.00 ft (KB) (TVD)

3171.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

Serial #: 8874 Inside

Press@RunDepth: 45.61 psig @ 4201.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.03.09

End Date: 2015.03.09

Last Calib.: 2015.03.09

Start Time: 05:38:00

End Time: 14:07:00

Time On Btm: 2015.03.09 @ 07:40:00

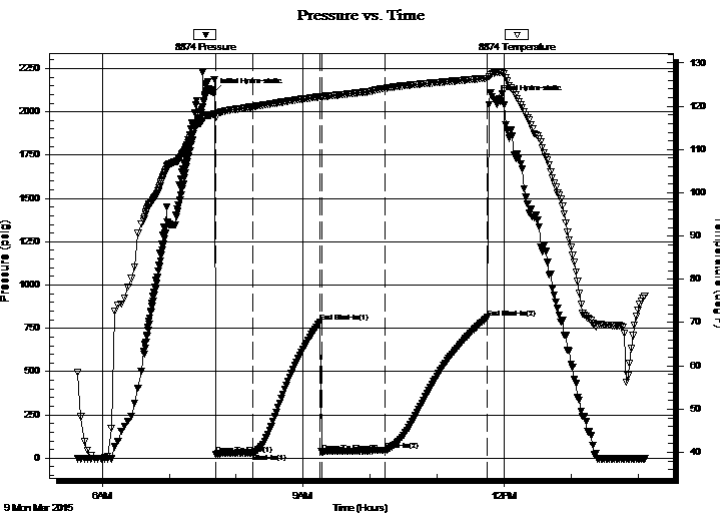
Time Off Btm: 2015.03.09 @ 11:51:00

TEST COMMENT: 30 - IF- 1" Blow built to 2"

60 - IS- No Return

60 - FF- No Blow

90 - FS- No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2110.80	118.10	Initial Hydro-static
2	24.71	117.52	Open To Flow (1)
35	31.12	119.89	Shut-In(1)
95	785.04	122.21	End Shut-In(1)
97	37.24	122.06	Open To Flow (2)
154	45.61	124.15	Shut-In(2)
245	812.28	126.49	End Shut-In(2)
251	2069.46	127.66	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	OSM 100M (oil spots)	0.30

Gas Rates

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



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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: 58.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.40 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1200.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	OSM 100M (oil spots)	0.295

Total Length: 60.00 ft Total Volume: 0.295 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8874

Inside

Berexco LLC.

Kevin #1-9

DST Test Number: 4

