



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Berexco LLC
 2020 N. Bramblewood
 Wichita, KS, 67206
 ATTN: Bryan Bynog

23-1S-36W / Rawlins KS

SDMS # 1-23

Job Ticket: 60809

DST#: 3

Test Start: 2015.02.06 @ 02:40:00

GENERAL INFORMATION:

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

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:17:30

Time Test Ended: 12:59:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Robert Zodrow

Unit No: 66

Interval: 4318.00 ft (KB) To 4470.00 ft (KB) (TVD)

Reference Elevations: 3313.00 ft (KB)

Total Depth: 4470.00 ft (KB) (TVD)

3302.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 11.00 ft

Serial #: 8959

Inside

Press@RunDepth: 252.30 psig @ 4319.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.02.06

End Date:

2015.02.06

Last Calib.:

2015.02.06

Start Time: 02:40:05

End Time:

12:59:00

Time On Btm:

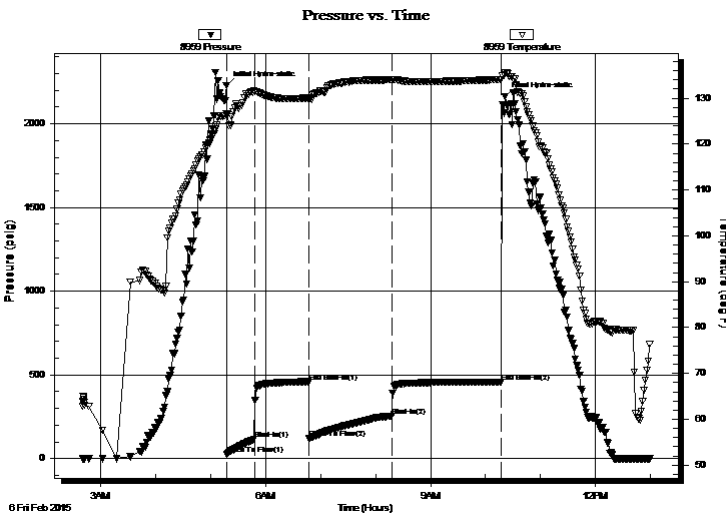
2015.02.06 @ 05:17:00

Time Off Btm:

2015.02.06 @ 10:21:30

TEST COMMENT: 30-IF- Blow built to 7 1/2"
 60-IS- No return
 90-FF- Blow built to 8 1/4"
 120-FS- No return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2228.63	126.66	Initial Hydro-static
1	24.95	126.27	Open To Flow (1)
31	114.75	131.52	Shut-In(1)
90	457.60	130.07	End Shut-In(1)
91	119.67	129.97	Open To Flow (2)
181	252.30	134.05	Shut-In(2)
300	457.61	134.12	End Shut-In(2)
305	2162.41	135.65	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	WM 20%W 80%M	0.59
340.00	Mud 100%M	1.67

Gas Rates

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

* Recovery from multiple tests



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FLUID SUMMARY

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SDMS # 1-23

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DST#: 3

ATTN: Bryan Bynog

Test Start: 2015.02.06 @ 02:40:00

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:

36000 ppm

Viscosity: 59.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.60 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 700.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	WM 20%W 80%M	0.590
340.00	Mud 100%M	1.672

Total Length: 460.00 ft Total Volume: 2.262 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW .280 @ 51 Deg F = 36000

Pressure vs. Time

