



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Berexco, LLC

**9/1s/37w Cheyenne KS**

2020 N. Bramblewood  
Wichita, KS 67206

**Mears 'B' #1-9**

ATTN: Bryan Bynog

Job Ticket: 50565

**DST#: 3**

Test Start: 2013.03.05 @ 08:42:00

## GENERAL INFORMATION:

Formation: **LKC "C - D"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:49:00

Time Test Ended: 20:21:00

Test Type: Conventional Bottom Hole (Reset)

Tester: James Winder

Unit No: 57

**Interval: 4260.00 ft (KB) To 4370.00 ft (KB) (TVD)**

Total Depth: 4370.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 3237.00 ft (KB)

3226.00 ft (CF)

KB to GR/CF: 11.00 ft

**Serial #: 6719**

**Inside**

Press @ RunDepth: 54.55 psig @ 4261.00 ft (KB)

Start Date: 2013.03.05

End Date: 2013.03.05

Start Time: 08:42:05

End Time: 20:21:00

Capacity: 8000.00 psig

Last Calib.: 2013.03.05

Time On Btm: 2013.03.05 @ 13:48:30

Time Off Btm: 2013.03.05 @ 17:50:30

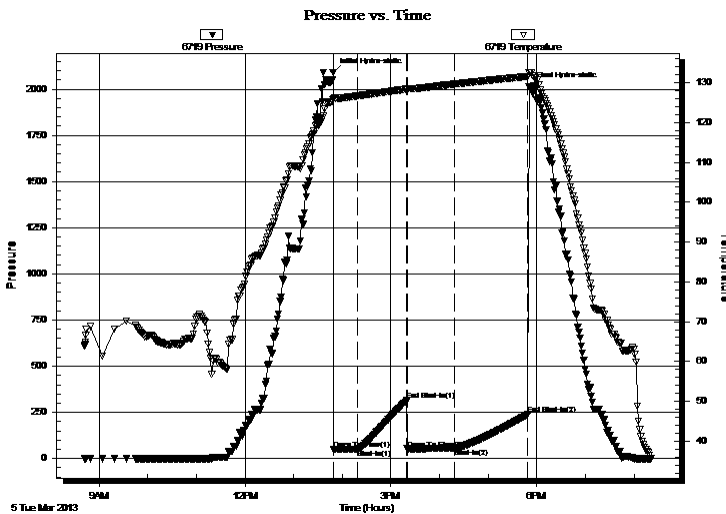
**TEST COMMENT:** 30 - IF: Bled off surge blow, surface blow at 5 min., lasted a few min., then dead

60 - IS: No blow back

60 - FF: No blow

90 - FS: No blow back

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2088.50	125.72	Initial Hydro-static
1	48.50	125.91	Open To Flow (1)
31	51.45	126.74	Shut-In(1)
91	313.52	128.45	End Shut-In(1)
92	52.35	128.50	Open To Flow (2)
151	54.55	129.69	Shut-In(2)
241	238.57	131.62	End Shut-In(2)
242	2014.96	132.62	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
90.00	Mud 100%	0.44

## Gas Rates

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

\* Recovery from multiple tests



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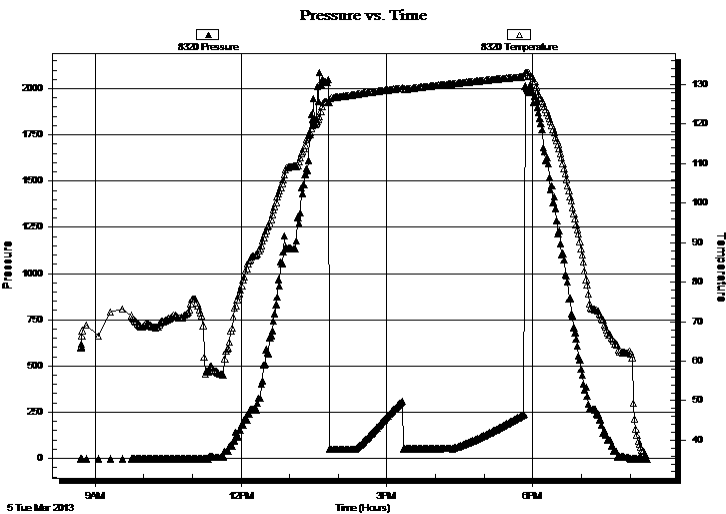
**9/1s/37w Cheyenne KS**  
**Mears 'B' #1-9**  
 Job Ticket: 50565 **DST#: 3**  
 Test Start: 2013.03.05 @ 08:42:00

**GENERAL INFORMATION:**

Formation: **LKC "C - D"**  
 Deviated: **No Whipstock:** ft (KB)  
 Time Tool Opened: 13:49:00  
 Time Test Ended: 20:21:00  
**Interval: 4260.00 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: 3237.00 ft (KB)  
 3226.00 ft (CF)  
 KB to GR/CF: 11.00 ft

**Serial #: 8320 Outside**  
 Press @ Run Depth: psig @ 4261.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2013.03.05 End Date: 2013.03.05 Last Calib.: 2013.03.05  
 Start Time: 08:42:05 End Time: 20:21:00 Time On Btm:  
 Time Off Btm:

**TEST COMMENT:** 30 - IF: Bled off surge blow, surface blow at 5 min., lasted a few min., then dead  
 60 - IS: No blow back  
 60 - FF: No blow  
 90 - FS: No blow back



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery		
Length (ft)	Description	Volume (bbl)
90.00	Mud 100%	0.44

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

\* Recovery from multiple tests



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**FLUID SUMMARY**

Berexco, LLC

**9/1s/37w Cheyenne KS**

2020 N. Bramblewood  
Wichita, KS 67206

**Mears 'B' #1-9**

Job Ticket: 50565

**DST#: 3**

ATTN: Bryan Bynog

Test Start: 2013.03.05 @ 08:42:00

## 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:

ppm

Viscosity: 57.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.99 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3700.00 ppm

Filter Cake: 2.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
90.00	Mud 100%	0.443

Total Length: 90.00 ft      Total Volume: 0.443 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

### Pressure vs. Time

