



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

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

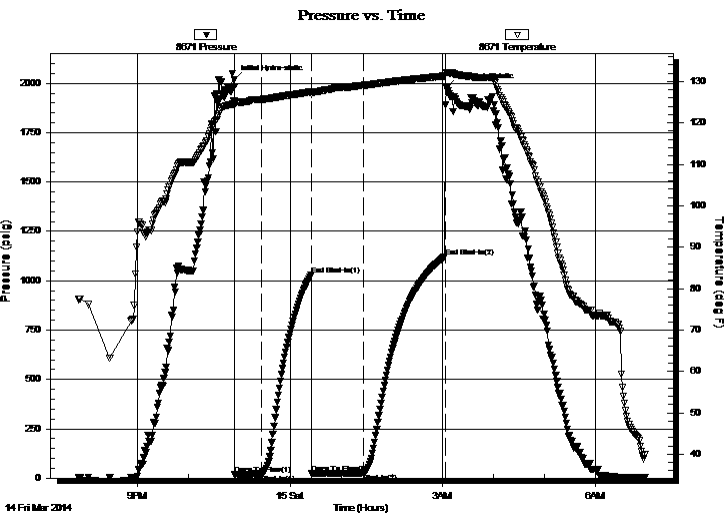
9/1s/37w Cheyenne KS
Mears 'A' #4-9
 Job Ticket: 53499 **DST#: 1**
 Test Start: 2014.03.14 @ 19:50:00

GENERAL INFORMATION:

Formation: **Oread**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 22:54:15
 Time Test Ended: 06:58:15
 Interval: **3975.00 ft (KB) To 4030.00 ft (KB) (TVD)**
 Total Depth: 4030.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: James Winder
 Unit No: 57
 Reference Elevations: 3153.00 ft (KB)
 3142.00 ft (CF)
 KB to GR/CF: 11.00 ft

Serial #: 8671 Inside
 Press @ Run Depth: 26.51 psig @ 3976.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.03.14 End Date: 2014.03.15 Last Calib.: 2014.03.15
 Start Time: 19:50:05 End Time: 06:58:15 Time On Btm: 2014.03.14 @ 22:54:00
 Time Off Btm: 2014.03.15 @ 03:04:30

TEST COMMENT: 30 - IF: Blow built to 1/8", died back, dead at 14 min.
 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	2020.53	125.37	Initial Hydro-static
1	18.88	124.22	Open To Flow (1)
32	21.59	125.66	Shut-In(1)
91	1030.27	127.47	End Shut-In(1)
91	23.04	126.91	Open To Flow (2)
152	26.51	129.03	Shut-In(2)
249	1123.40	131.31	End Shut-In(2)
251	1979.58	132.18	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	Mud w /trace oil 100%m	0.07

Gas Rates

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



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FLUID SUMMARY

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2020 N. Bramblewood
Wichita, KS 67206

Mears 'A' #4-9

Job Ticket: 53499

DST#: 1

ATTN: Bryan Bynog

Test Start: 2014.03.14 @ 19:50:00

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: 66.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 500.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	Mud w /trace oil 100%m	0.074

Total Length: 15.00 ft Total Volume: 0.074 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8671

Inside

Berexco, LLC

Mears 'A' #4-9

DST Test Number: 1

