



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Berexco LLC.
 2020 N. Bramblewood
 Wichita Ks.
 67206
 ATTN: Pete Vollmer

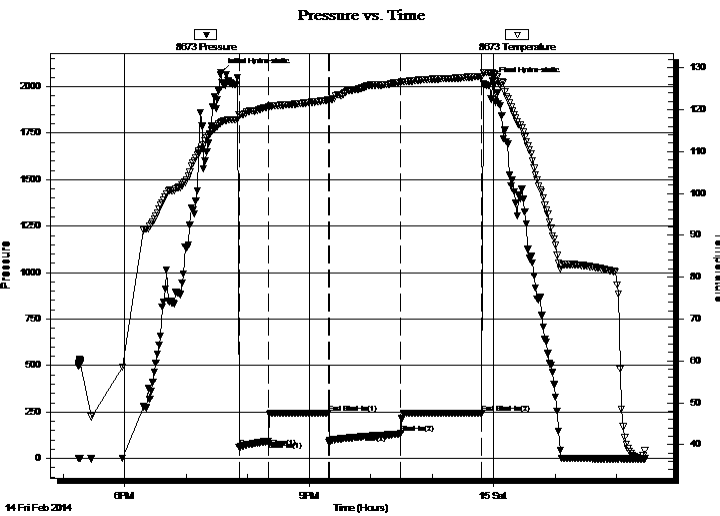
23 1s 36w Rawlins Ks.
Michael #1-23
 Job Ticket: 56787 **DST#: 2**
 Test Start: 2014.02.14 @ 17:15:00

GENERAL INFORMATION:

Formation: **Oread**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 19:51:30
 Time Test Ended: 02:28:00
 Interval: **4070.00 ft (KB) To 4122.00 ft (KB) (TVD)**
 Total Depth: 4122.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Chuck Kreuzer Jr.
 Unit No: 61
 Reference Elevations: 3284.00 ft (KB)
 3271.00 ft (CF)
 KB to GR/CF: 13.00 ft

Serial #: 8673 Inside
 Press @ Run Depth: 134.47 psig @ 4071.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.02.14 End Date: 2014.02.15 Last Calib.: 2014.02.15
 Start Time: 17:15:01 End Time: 02:28:00 Time On Btm: 2014.02.14 @ 19:34:00
 Time Off Btm: 2014.02.14 @ 23:59:00

TEST COMMENT: -----10 ft. of fill on bottom. Pushed through 3 ft. Tool opened on last 8 ft. 3 in. blow , bled off.
 IF: Weak blow , Built to 1 in. over 10 mins. Started to Die, Weak Surface after 30 mins.
 IS: No blow back over 60 mins.
 FF: No blow over 60 mins.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2077.06	116.87	Initial Hydro-static
18	60.95	118.68	Open To Flow (1)
46	93.63	120.58	Shut-In(1)
105	245.30	122.25	End Shut-In(1)
106	83.77	122.15	Open To Flow (2)
176	134.47	126.56	Shut-In(2)
255	245.36	127.92	End Shut-In(2)
265	2029.87	128.70	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
188.00	ocm-50%o50%m	0.92
50.00	Hocm-35%m65%o	0.25

* Recovery from multiple tests

Gas Rates

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



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FLUID SUMMARY

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Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 57.00 sec/qt

Water Loss: 6.39 in³

Resistivity: ohm.m

Salinity: 400.00 ppm

Filter Cake: 2.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
188.00	ocm-50%o50%m	0.925
50.00	Hocm-35%m65%o	0.246

Total Length: 238.00 ft Total Volume: 1.171 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

