



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Berexco, LLC.

22-1s-36w Rawlins, KS

2020 N Bramblewood
Wichita, KS 67206

Michael #4-22

Job Ticket: 53396

DST#: 1

ATTN: Pete Vollmer

Test Start: 2014.02.28 @ 03:55:00

GENERAL INFORMATION:

Formation: **Oread**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:51:30

Time Test Ended: 15:05:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Kevin Mack

Unit No: 66

Interval: 3978.00 ft (KB) To 4032.00 ft (KB) (TVD)

Reference Elevations: 3186.00 ft (KB)

Total Depth: 4032.00 ft (KB) (TVD)

3173.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 13.00 ft

Serial #: 8874

Inside

Press@RunDepth: 180.57 psig @ 3979.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.02.28

End Date: 2014.02.28

Last Calib.: 2014.02.28

Start Time: 03:56:00

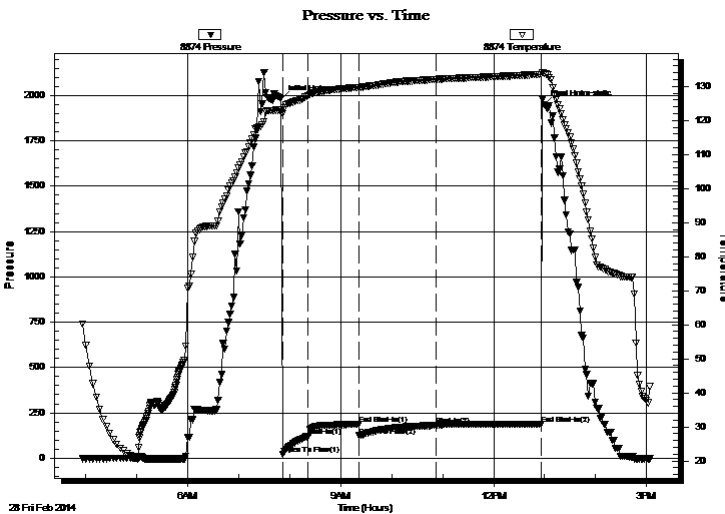
End Time: 15:05:00

Time On Btm: 2014.02.28 @ 07:50:00

Time Off Btm: 2014.02.28 @ 12:59:30

TEST COMMENT: 30 - IF- 1/2" Blow built to 4 3/4"
60 - IS- No Return
90 - FF- Surface Blow started at 15 min. Built to 1 1/2"
120 - FS- No Return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1980.54	123.10	Initial Hydro-static
2	21.57	121.93	Open To Flow (1)
32	120.15	127.38	Shut-In(1)
91	185.84	129.71	End Shut-In(1)
92	123.66	129.69	Open To Flow (2)
182	180.57	132.07	Shut-In(2)
306	187.77	133.56	End Shut-In(2)
310	1949.83	133.69	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud 100M (Heavy)	0.05
83.00	OSMW 10M 90W (oil spots)	0.41
93.00	OSMW 30M 70W (oil spots)	0.46
93.00	OSMW 50M 50W (oil spots)	0.46
93.00	OSM 100M (oil spots)	0.46

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco, LLC.

22-1s-36w Rawlins, KS

2020 N Bramblewood
Wichita, KS 67206

Michael #4-22

Job Ticket: 53396

DST#: 1

ATTN: Pete Vollmer

Test Start: 2014.02.28 @ 03:55:00

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:

50000 ppm

Viscosity: 125.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.99 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 800.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
10.00	Mud 100M (Heavy)	0.049
83.00	OSMW 10M 90W (oil spots)	0.408
93.00	OSMW 30M 70W (oil spots)	0.457
93.00	OSMW 50M 50W (oil spots)	0.457
93.00	OSM 100M (oil spots)	0.457

Total Length: 372.00 ft Total Volume: 1.828 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW .226 @ 48 deg = 50,000pm

