



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Berexco, LLC

22-1s-36w Rawlins, KS

2020 N Bramblewood
Wichita, KS 67206

Michael #6-22

Job Ticket: 53555

DST#: 2

ATTN: Pete Vollmer

Test Start: 2013.11.29 @ 14:28:00

GENERAL INFORMATION:

Formation: **Oread**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:30:30

Time Test Ended: 02:07:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Kevin Mack

Unit No: 66

Interval: 4020.00 ft (KB) To 4108.00 ft (KB) (TVD)

Reference Elevations: 3230.00 ft (KB)

Total Depth: 4108.00 ft (KB) (TVD)

3217.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 13.00 ft

Serial #: 8874

Inside

Press@RunDepth: 342.01 psig @ 4021.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.11.29

End Date:

2013.11.30

Last Calib.: 2013.11.30

Start Time: 14:29:00

End Time:

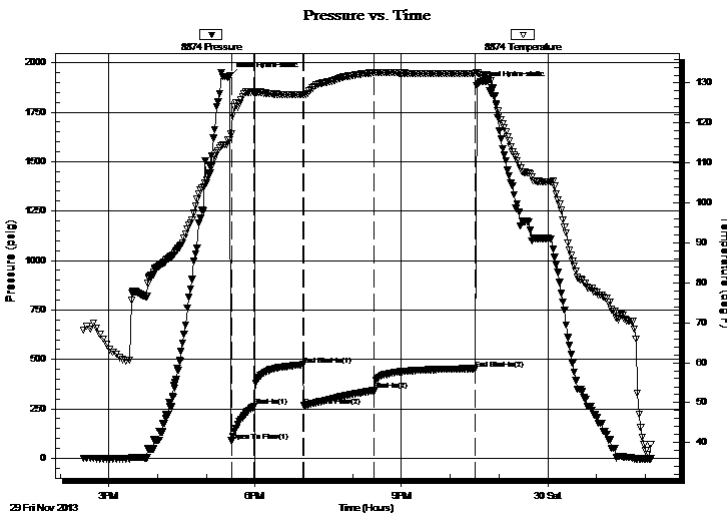
02:07:30

Time On Btm: 2013.11.29 @ 17:28:30

Time Off Btm: 2013.11.29 @ 22:32:30

TEST COMMENT: 30 - IF- BoB in 12 min.
60 - IS- No Return
90 - FF- BoB in 22 min.
120 - FS- No Return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1932.72	115.86	Initial Hydro-static
2	87.58	117.24	Open To Flow (1)
30	260.86	127.78	Shut-In(1)
90	472.49	127.16	End Shut-In(1)
92	264.66	127.10	Open To Flow (2)
178	342.01	132.58	Shut-In(2)
302	449.42	132.37	End Shut-In(2)
304	1883.35	132.68	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
180.00	OCMW 20M 10o 70W	0.89
180.00	OCWM 40M 40W 20o	0.89
180.00	OCM 70M 30o	0.89
123.00	MCO 50M 50o	1.67
60.00	Clean Oil	0.84

Gas Rates

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



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Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

25 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.60 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 700.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
180.00	OCMW 20M 10o 70W	0.885
180.00	OCWM 40M 40W 20o	0.885
180.00	OCM 70M 30o	0.885
123.00	MCO 50M 50o	1.671
60.00	Clean Oil	0.842

Total Length: 723.00 ft Total Volume: 5.168 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Oil API 26 @ 70 deg. = 25 corrected.

