



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Berexco L.L.C.
2020 N. Bramblewood
Wichita KS.
67202
ATTN: BRYAN BYNOG

SEC. 27 - 1 S. - 36 W. - Rawlins co.

Bernita #1-27

Job Ticket: 54867

DST#: 3

Test Start: 2013.10.14 @ 11:50:00

GENERAL INFORMATION:

Formation: **L.K.C. "C"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:07:00

Time Test Ended: 21:51:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Bob Hamel

Unit No: 44

Interval: 4230.00 ft (KB) To 4300.00 ft (KB) (TVD)

Total Depth: 4190.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 3141.00 ft (KB)

3129.00 ft (CF)

KB to GR/CF: 12.00 ft

Serial #: 8879

Press @ Run Depth: 160.16 psig @ ft (KB)

Start Date: 2013.10.14

End Date: 2013.10.14

Start Time: 11:50:05

End Time: 21:51:15

Capacity: 8000.00 psig

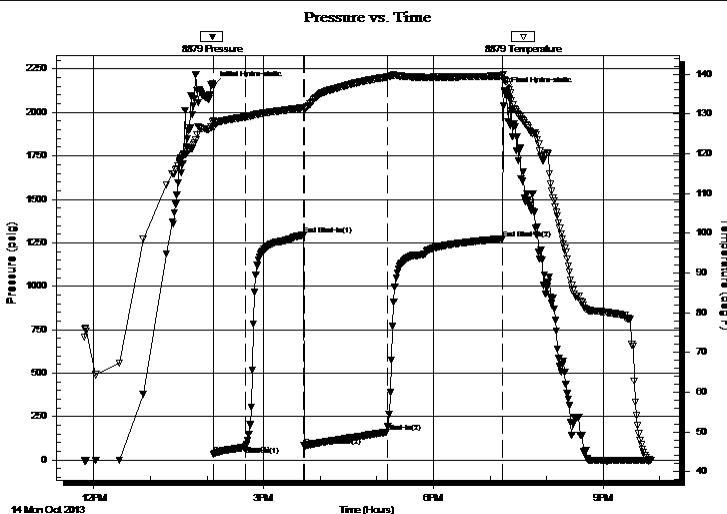
Last Calib.: 2013.10.14

Time On Btm: 2013.10.14 @ 14:06:45

Time Off Btm: 2013.10.14 @ 19:15:45

TEST COMMENT: I.F. - 30 - 1/4 INT. BLOW BUILT TO 11" IN 30 MIN.
I.S.I - 60 - NO B.B.
F.F. - 90 - NO INT BLOW BUILT TO B.O.B. IN 45 MIN.
F.S.I. - 120 - NO B.B.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2151.80	128.16	Initial Hydro-static
1	33.58	126.61	Open To Flow (1)
35	76.22	129.23	Shut-In(1)
96	1293.09	131.55	End Shut-In(1)
96	81.90	131.20	Open To Flow (2)
184	160.16	139.27	Shut-In(2)
307	1272.76	139.56	End Shut-In(2)
309	2118.41	138.37	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	SMCO 15%MUD 85%OIL	0.02
387.00	CLEAN OIL 100%	1.90

Gas Rates

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

* Recovery from multiple tests



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FLUID SUMMARY

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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: 61.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.80 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 700.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	SMCO 15%MUD 85%OIL	0.025
387.00	CLEAN OIL 100%	1.903

Total Length: 392.00 ft Total Volume: 1.928 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

