



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Berexco LLC

30-23s-24w Hodgeman Co

2020 N Bramblewood
Wichita KS 67206

Ray #1-30

Job Ticket: 49660

DST#: 2

ATTN: Bruce Meyer/ David G

Test Start: 2012.10.06 @ 01:51:42

GENERAL INFORMATION:

Formation: **Cherokee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:58:27

Time Test Ended: 15:22:57

Test Type: Conventional Bottom Hole (Initial)

Tester: Chris Staats

Unit No: 47

Interval: 4689.00 ft (KB) To 4706.00 ft (KB) (TVD)

Reference Elevations: 2451.00 ft (KB)

Total Depth: 4706.00 ft (KB) (TVD)

2438.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 13.00 ft

Serial #: 6773 Outside

Press @ Run Depth: 265.35 psig @ 4690.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.10.06

End Date: 2012.10.06

Last Calib.: 2012.10.06

Start Time: 01:51:47

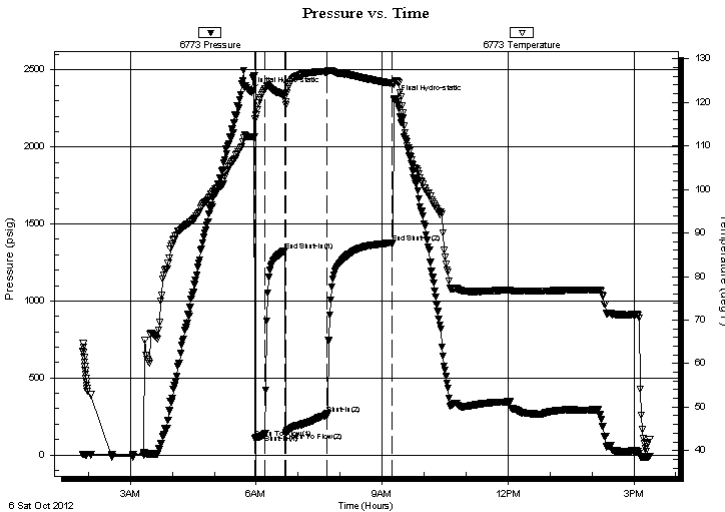
End Time: 15:22:57

Time On Btm: 2012.10.06 @ 05:51:57

Time Off Btm: 2012.10.06 @ 09:16:42

TEST COMMENT: IF: Strong blow BOB 6 min
IS: Weak blow back 3"
FF: Strong blow BOB 4 min
FS: Weak blow back 3 1/2 "

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2360.29	112.07	Initial Hydro-static
7	107.73	116.11	Open To Flow (1)
21	137.05	123.11	Shut-In(1)
49	1326.47	121.73	End Shut-In(1)
51	148.82	120.08	Open To Flow (2)
109	265.35	127.04	Shut-In(2)
202	1378.48	124.41	End Shut-In(2)
205	2310.57	124.31	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
520.00	OIL 100%	7.29
90.00	M,O 40%mud 60%oil	1.26

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

Cushion Type:

Oil API:

46 deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.58 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
520.00	OIL 100%	7.294
90.00	M,O 40% mud 60% oil	1.262

Total Length: 610.00 ft Total Volume: 8.556 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

