



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Berexco LLC
2020 N Bramblewood Wichita Kansas 67206 1094
ATTN: Ed G.

Doerksen B 1-27
27/28/34
Job Ticket: 39446 **DST#: 3**
Test Start: 2011.07.25 @ 05:30:00

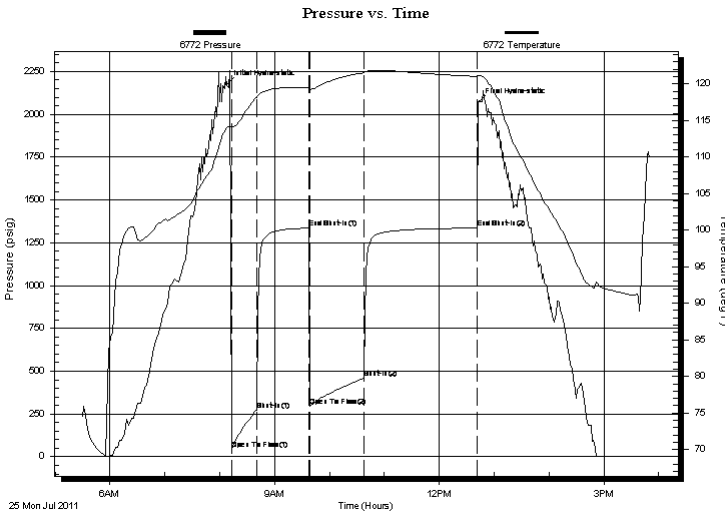
GENERAL INFORMATION:

Formation: **KC. A**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 08:12:30
Time Test Ended: 15:50:30
Interval: **4534.00 ft (KB) To 4556.00 ft (KB) (TVD)**
Total Depth: 4556.00 ft (KB) (TVD)
Hole Diameter: 7.78 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole
Tester: Harley Davidson
Unit No: 33
Reference Elevations: 3010.00 ft (KB)
2999.00 ft (CF)
KB to GR/CF: 11.00 ft

Serial #: 6772 Outside
Press @ Run Depth: 461.81 psig @ 4536.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2011.07.25 End Date: 2011.07.25 Last Calib.: 2011.07.25
Start Time: 05:30:05 End Time: 15:50:30 Time On Btm: 2011.07.25 @ 08:07:30
Time Off Btm: 2011.07.25 @ 12:42:30

TEST COMMENT: IF- Weak building blow BOB, 10min.
IS- No blow back.
FF- Weak building blow BOB, 23min.
FS- No blow back.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2176.18	113.96	Initial Hydro-static
5	44.07	113.98	Open To Flow (1)
33	272.50	118.10	Shut-In(1)
90	1335.77	119.46	End Shut-In(1)
92	294.00	119.26	Open To Flow (2)
150	461.81	121.53	Shut-In(2)
274	1336.13	121.02	End Shut-In(2)
275	2069.72	121.19	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	GIP 300'	0.00
1000.00	20% mud 80% water trace of gas.	8.16

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:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

40000 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.98 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2500.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	GIP 300'	0.000
1000.00	20% mud 80% water trace of gas.	8.161

Total Length: 1000.00 ft Total Volume: 8.161 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW .12 @ 105= 40000 CHLORIDES

Pressure vs. Time

