



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Berexco, LLC
2020 N. Bramblewood
Wichita, KS. 67206
ATTN: Bryan Bynog

22-15s-18w-Ellis
Joseph #1
Job Ticket: 44720 **DST#: 1**
Test Start: 2012.01.19 @ 08:50:45

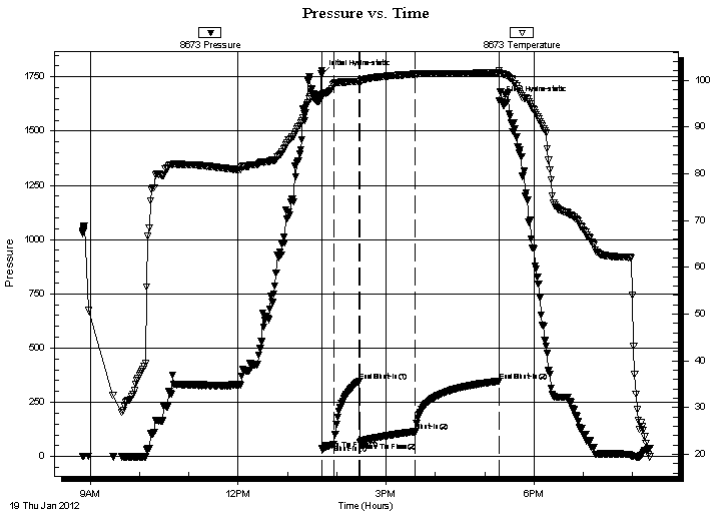
GENERAL INFORMATION:

Formation: **B**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 13:42:15
Time Test Ended: 20:20:45
Interval: **3344.00 ft (KB) To 3370.00 ft (KB) (TVD)**
Total Depth: 3370.00 ft (KB) (TVD)
Hole Diameter: 7.80 inches Hole Condition: Good
Test Type: Conventional Bottom Hole (Initial)
Tester: Jason McLemore
Unit No: 54
Reference Elevations: 2058.00 ft (KB)
2047.00 ft (CF)
KB to GR/CF: 11.00 ft

Serial #: 8673 Inside
Press @ Run Depth: 114.98 psig @ 3347.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2012.01.19 End Date: 2012.01.19 Last Calib.: 2012.01.19
Start Time: 08:50:47 End Time: 20:20:45 Time On Btm: 2012.01.19 @ 13:41:15
Time Off Btm: 2012.01.19 @ 17:17:45

TEST COMMENT: IFP Strong, BOB in 1-1/2 Min.
ISI-Blow back Built to 3"
FFP-Strong, BOB in 2-1/2"
FSI-Blow back Built to 8"

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1762.46	96.90	Initial Hydro-static
1	35.01	96.68	Open To Flow (1)
16	55.73	99.30	Shut-In(1)
46	346.30	99.79	End Shut-In(1)
47	67.18	99.71	Open To Flow (2)
115	114.98	101.37	Shut-In(2)
216	347.66	101.61	End Shut-In(2)
217	1638.67	102.15	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	GOCM-25%G-15%O-60%M	0.59
125.00	Free Oil	0.61
0.00	1560' Gas In Pipe	0.00

Gas Rates

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



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FLUID SUMMARY

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DST#: 1

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Test Start: 2012.01.19 @ 08:50:45

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

40 deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 11.96 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 8000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
120.00	GOCM-25%G-15%O-60%M	0.590
125.00	Free Oil	0.615
0.00	1560' Gas In Pipe	0.000

Total Length: 245.00 ft

Total Volume: 1.205 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

