



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Berexco
2020 Bramblewood
Wichita Ks, 67206
ATTN: Ed Grieves

Barker #1-23
23/26s/34w
Job Ticket: 42213 **DST#: 5**
Test Start: 2011.06.13 @ 20:55:17

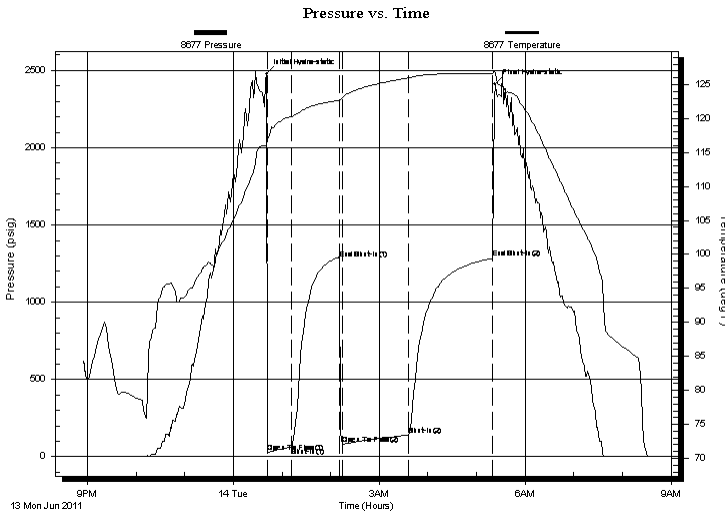
GENERAL INFORMATION:

Formation: **Lower Morrow**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 00:42:32
Time Test Ended: 08:34:47
Interval: **5051.00 ft (KB) To 5063.00 ft (KB) (TVD)**
Total Depth: 5063.00 ft (KB) (TVD)
Hole Diameter: 7.78 inches Hole Condition: Good
Test Type: Conventional Bottom Hole
Tester: Mike Slemp
Unit No: 53
Reference Elevations: 2972.00 ft (KB)
2962.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 8677 Inside
Press @ Run Depth: 142.45 psig @ 5053.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2011.06.13 End Date: 2011.06.14 Last Calib.: 2011.06.14
Start Time: 20:55:18 End Time: 08:34:47 Time On Btm: 2011.06.14 @ 00:41:02
Time Off Btm: 2011.06.14 @ 05:23:02

TEST COMMENT: IF- BOB in 20 min
IS- No blow back
FF-bob in 3 min
FS- No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2476.95	116.03	Initial Hydro-static
2	30.62	116.91	Open To Flow (1)
30	63.36	120.28	Shut-In(1)
90	1283.53	122.67	End Shut-In(1)
93	78.62	123.10	Open To Flow (2)
176	142.45	126.00	Shut-In(2)
279	1284.87	126.65	End Shut-In(2)
282	2412.66	126.68	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
270.00	GCO 50%oil 50%gas	1.33
90.00	OCM20%gas 10%oil 20%water 50%mud	0.44

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:

31 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.98 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4400.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
270.00	GCO 50%oil 50%gas	1.328
90.00	OCM20%gas 10%oil 20%water 50%mud	0.443

Total Length: 360.00 ft

Total Volume: 1.771 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

