



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Cholla Production
 10390 Bradford Rd
 Littleton, Co 80127
 ATTN: Randy Say

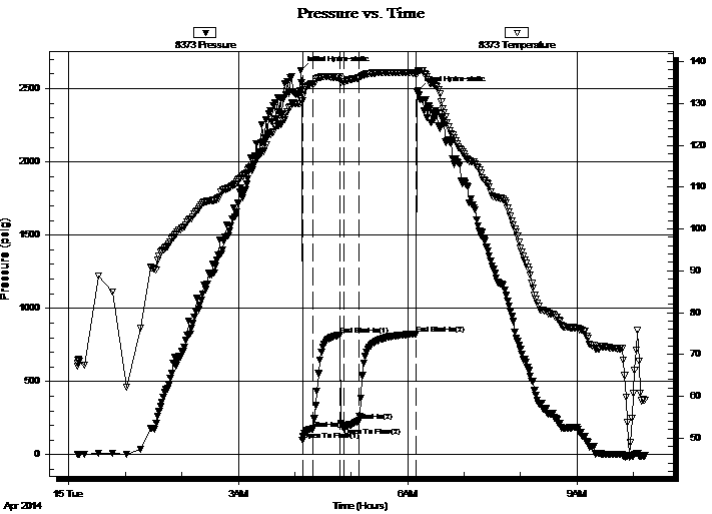
2-15-41 Wallace, Ks
Blaesi 1-2
 Job Ticket: 55738 **DST#: 1**
 Test Start: 2014.04.15 @ 00:09:13

GENERAL INFORMATION:

Formation: **Morrow Sand**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 04:08:13 Tester: Brandon Turley
 Time Test Ended: 10:12:13 Unit No: 60
 Interval: **4976.00 ft (KB) To 5024.00 ft (KB) (TVD)** Reference Elevations: 3792.00 ft (KB)
 Total Depth: 5024.00 ft (KB) (TVD) 3776.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 16.00 ft

Serial #: 8373 Inside
 Press@RunDepth: 231.60 psig @ 4977.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.04.15 End Date: 2014.04.15 Last Calib.: 2014.04.15
 Start Time: 00:09:18 End Time: 10:12:13 Time On Btm: 2014.04.15 @ 04:06:13
 Time Off Btm: 2014.04.15 @ 06:10:43

TEST COMMENT: IF: BOB in 3 1/2 min.
 IS: Surface blow built to 6.
 FF: BOB in 1 min. Gas to surface in 12 min. To weak to gauge.
 FS: BOB in 5 min.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2625.03	129.93	Initial Hydro-static
2	96.73	130.62	Open To Flow (1)
13	175.14	134.79	Shut-In(1)
42	818.11	136.29	End Shut-In(1)
46	186.20	135.22	Open To Flow (2)
62	231.60	136.10	Shut-In(2)
123	825.29	137.30	End Shut-In(2)
125	2485.85	137.67	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
186.00	mcgo 50%g 20%o 30%m	0.91
186.00	mcgo 10%g 70%o 20%m	1.07
186.00	gocm 30%g 30%o 40%m	2.02
72.00	ocm 10%o 90%m	0.78

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:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbf

Water Loss: 6.80 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
186.00	mcgo 50%g 20%o 30%m	0.915
186.00	mcgo 10%g 70%o 20%m	1.075
186.00	gocm 30%g 30%o 40%m	2.016
72.00	ocm 10%o 90%m	0.780

Total Length: 630.00 ft

Total Volume: 4.786 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

