

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Jason Oil Company LLC

36-13s-15w Russell

PO Box 701
Russell Ks 67665-0701

Patterson #3

Job Ticket: 54374

DST#: 2

ATTN: Jim Schoenberger, Ste

Test Start: 2013.11.19 @ 11:15:29

GENERAL INFORMATION:

Formation: **Arbucle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:54:54

Time Test Ended: 18:49:53

Test Type: Conventional Bottom Hole (Reset)

Tester: Ray Schwager

Unit No: 70

Interval: 3272.00 ft (KB) To 3304.00 ft (KB) (TVD)

Reference Elevations: 1883.00 ft (KB)

Total Depth: 3304.00 ft (KB) (TVD)

1875.00 ft (CF)

Hole Diameter: 7.85 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8369 Inside

Press @ Run Depth: 701.73 psig @ 3276.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.11.19

End Date:

2013.11.19

Last Calib.:

2013.11.19

Start Time: 11:15:29

End Time:

18:49:53

Time On Btm:

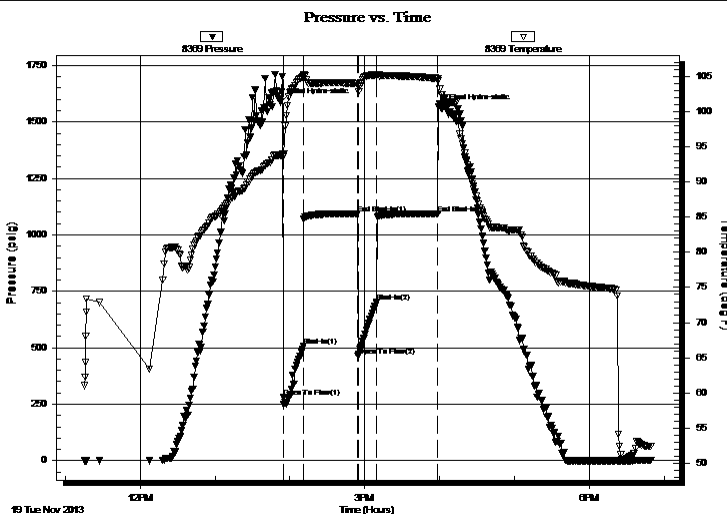
2013.11.19 @ 13:52:39

Time Off Btm:

2013.11.19 @ 16:01:53

TEST COMMENT: 15-IFP-strg bl in 2min
45-ISIP-no bl
15-FFP-strg bl in 1 1/2min
45-FSIP-no bl

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1587.11	93.83	Initial Hydro-static
3	282.13	93.68	Open To Flow (1)
19	507.90	104.97	Shut-In(1)
62	1094.18	104.02	End Shut-In(1)
62	462.88	103.69	Open To Flow (2)
77	701.73	105.17	Shut-In(2)
126	1094.13	104.73	End Shut-In(2)
130	1560.62	102.43	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
175.00	GMO 5%G40%M55%O	2.45
560.00	CO	7.86
310.00	GM&WCO 20%G5%M10%W65%O	4.35
372.00	HO&GCMW 20%G5%M25%O50%W	5.22
186.00	Water	2.61

Gas Rates

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

* Recovery from multiple tests



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FLUID SUMMARY

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Test Start: 2013.11.19 @ 11:15:29

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 60.00 sec/qt
Water Loss: 7.92 in³
Resistivity: ohm.m
Salinity: 2000.00 ppm
Filter Cake: 1.00 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: 29 deg API
Water Salinity: 27000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
175.00	GMO 5%G40%M55%O	2.455
560.00	CO	7.855
310.00	GM&WCO 20%G5%M10%W65%O	4.348
372.00	HO&GCMW 20%G5%M25%O50%W	5.218
186.00	Water	2.609

Total Length: 1603.00 ft Total Volume: 22.485 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: RW .28@60F

