



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Darrah oil

SEC. 1 - 19 s. - 10 w. / Rice

606 W. ALBRO ST.
CLAFLIN KS.
67525

J. Behnke owwo # 1

Job Ticket: 55286

DST#: 2

ATTN: Seth Everson /Mark C

Test Start: 2014.06.02 @ 07:15:00

GENERAL INFORMATION:

Formation: **ARBUCKLE**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:36:30

Time Test Ended: 13:24:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Bob Hamel

Unit No: 67

Interval: 3248.00 ft (KB) To 3267.00 ft (KB) (TVD)

Reference Elevations: 1717.00 ft (KB)

Total Depth: 3267.00 ft (KB) (TVD)

1712.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 5.00 ft

Serial #: 8679

Inside

Press @ Run Depth: 922.80 psig @ 3253.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.06.02

End Date:

2014.06.02

Last Calib.:

1899.12.30

Start Time: 07:15:01

End Time:

13:24:00

Time On Btm:

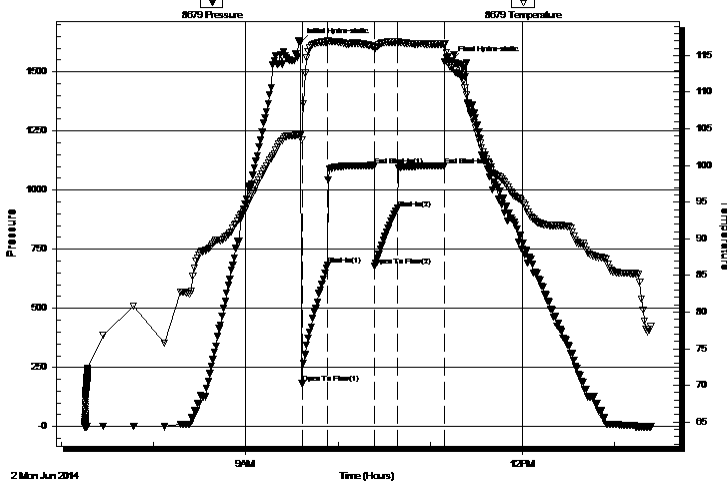
2014.06.02 @ 09:35:30

Time Off Btm:

2014.06.02 @ 11:13:30

TEST COMMENT: I.F. - 15 - 3/4" INT. BLOW BUILT TO B.O.B. IN 1 MIN.
I.S.I. - 30 - NO B.B.
F.F. - 15 - 3/4" INT. BLOW BUILT TO B.O.B. IN 1 MIN.
F.S.I. - 30 - NO B.B.

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1622.90	104.11	Initial Hydro-static
1	181.83	103.54	Open To Flow (1)
18	681.83	116.84	Shut-In(1)
48	1103.74	116.22	End Shut-In(1)
49	678.86	116.08	Open To Flow (2)
63	922.80	116.81	Shut-In(2)
94	1103.00	116.49	End Shut-In(2)
98	1546.96	113.37	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
315.00	M,W,	2.12
1633.00	S,O,C,G,C,M,W, 3%O 5%G 5%M 87%W	22.91

* Recovery from multiple tests

Gas Rates

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



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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:

20000 ppm

Viscosity: 49.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 11.99 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 15000.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
315.00	M,W,	2.123
1633.00	S,O,C,G,C,M,W, 3%O 5%G 5%M 87%W	22.907

Total Length: 1948.00 ft Total Volume: 25.030 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: R.W = .25 OHMS @ 93 DEG.

CHLORIDES = 20,000 P.P.M.

