



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Daystar Petro. Inc.

28-16-13, Barton, KS

PO Box 560
Eureka KS 67045

Denise #2-28

Job Ticket: 56184

DST#: 2

ATTN: Jim Musgrove

Test Start: 2014.02.11 @ 21:25:00

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:42:30

Time Test Ended: 03:54:45

Test Type: Conventional Bottom Hole (Reset)

Tester: Tim Phillips

Unit No: 59

Interval: 3426.00 ft (KB) To 3433.00 ft (KB) (TVD)

Reference Elevations: 1967.00 ft (KB)

Total Depth: 3433.00 ft (KB) (TVD)

1954.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 13.00 ft

Serial #: 8018

Inside

Press @ Run Depth: 913.34 psig @ 3430.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.02.11

End Date:

2014.02.12

Last Calib.:

2014.02.12

Start Time: 21:25:05

End Time:

03:54:44

Time On Btm:

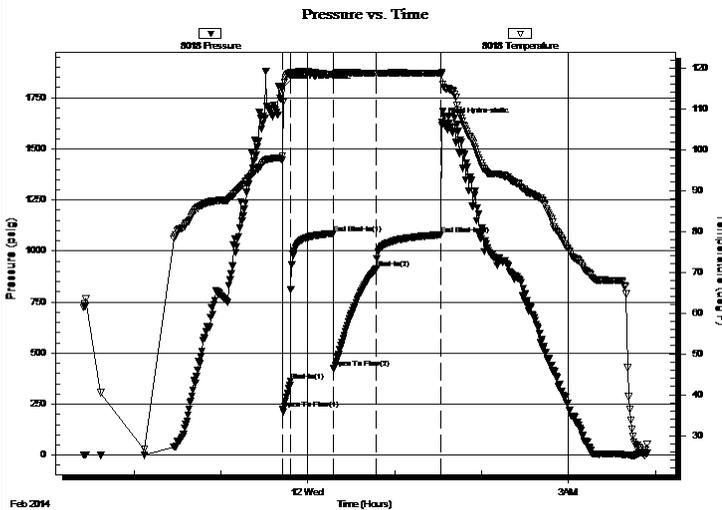
2014.02.11 @ 23:42:15

Time Off Btm:

2014.02.12 @ 01:32:15

TEST COMMENT: IFP-5- BOB in 30 secs
ISI-30- Blow back built to 1/8 in then died back
FF-30- BOB in 30 sec
FSI-45- Dead no blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1796.91	97.40	Initial Hydro-static
1	223.34	98.51	Open To Flow (1)
6	361.39	118.72	Shut-In(1)
35	1085.47	118.39	End Shut-In(1)
36	424.92	118.03	Open To Flow (2)
65	913.34	118.70	Shut-In(2)
110	1079.27	118.70	End Shut-In(2)
110	1631.40	118.92	Final Hydro-static

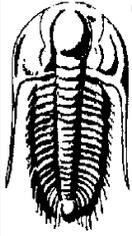
Recovery

Length (ft)	Description	Volume (bbl)
2000.00	VWCM 2%Mud 98%Water	28.05

* Recovery from multiple tests

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:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2000.00	VWCM 2%Mud 98%Water	28.055

Total Length: 2000.00 ft Total Volume: 28.055 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

