



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Dixon Operating CO

34-22S-12W Stafford

8100 E 22nd Ste 200
Wichita, KS 67226

Jas 1-34

Job Ticket: 57952

DST#: 4

ATTN: Chuck Schmaltz

Test Start: 2016.10.12 @ 03:21:52

GENERAL INFORMATION:

Formation: **Viola**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:53:07

Time Test Ended: 12:51:07

Test Type: Conventional Bottom Hole (Reset)

Tester: Leal Cason

Unit No: 74

Interval: 3611.00 ft (KB) To 3670.00 ft (KB) (TVD)

Reference Elevations: 1850.00 ft (KB)

Total Depth: 3670.00 ft (KB) (TVD)

1839.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

Serial #: 8525

Inside

Press@RunDepth: 370.07 psig @ 3612.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2016.10.12

End Date:

2016.10.12

Last Calib.:

2016.10.12

Start Time: 03:21:53

End Time:

12:51:07

Time On Btm:

2016.10.12 @ 05:52:22

Time Off Btm:

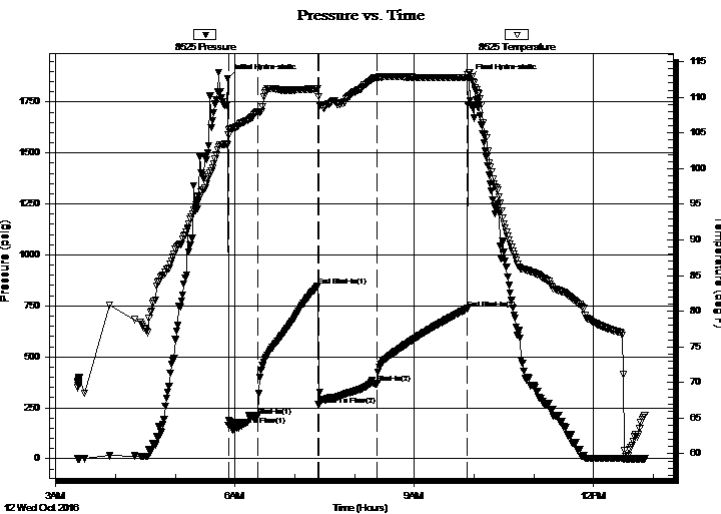
2016.10.12 @ 09:54:52

TEST COMMENT: IF: Strong Blow , BOB in 2 minutes, GTS in 27 minutes

IS: Blow Back Built to 9 inches

FF: Strong Blow , GTS Immediate, BOB in 2 minutes, Gauged & Caught Sample

FS: BOB Blow Back in 2 minutes



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 1866.73 | 103.35 | Initial Hydro-static |
| 1 | 164.85 | 104.69 | Open To Flow (1) |
| 31 | 209.36 | 107.96 | Shut-In(1) |
| 91 | 847.39 | 111.21 | End Shut-In(1) |
| 92 | 264.43 | 110.13 | Open To Flow (2) |
| 151 | 370.07 | 112.74 | Shut-In(2) |
| 241 | 736.86 | 112.73 | End Shut-In(2) |
| 243 | 1863.92 | 113.49 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|---------------------|--------------|
| 0.00 | GTS | 0.00 |
| 888.00 | GMCO 30%G 10%M 60%O | 9.95 |
| 150.00 | Clean Oil | 2.10 |
| | | |
| | | |

* Recovery from multiple tests

Gas Rates

| | Choke (inches) | Pressure (psig) | Gas Rate (Mcf/d) |
|----------------|----------------|-----------------|------------------|
| First Gas Rate | 0.25 | 3.00 | 27.60 |
| Last Gas Rate | 0.25 | 4.00 | 29.19 |
| Max. Gas Rate | 0.25 | 4.00 | 29.19 |



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FLUID SUMMARY

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DST#: 4

ATTN: Chuck Schmaltz

Test Start: 2016.10.12 @ 03:21:52

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

37.4 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.59 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5800.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|---------------------|---------------|
| 0.00 | GTS | 0.000 |
| 888.00 | GMCO 30%G 10%M 60%O | 9.951 |
| 150.00 | Clean Oil | 2.104 |

Total Length: 1038.00 ft Total Volume: 12.055 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Gravity was 37.2 @ 58 degrees

Pressure vs. Time

