



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Shakespeare Oil
202 West Main St.
Salem, IL
62881
ATTN: Mark Herndon

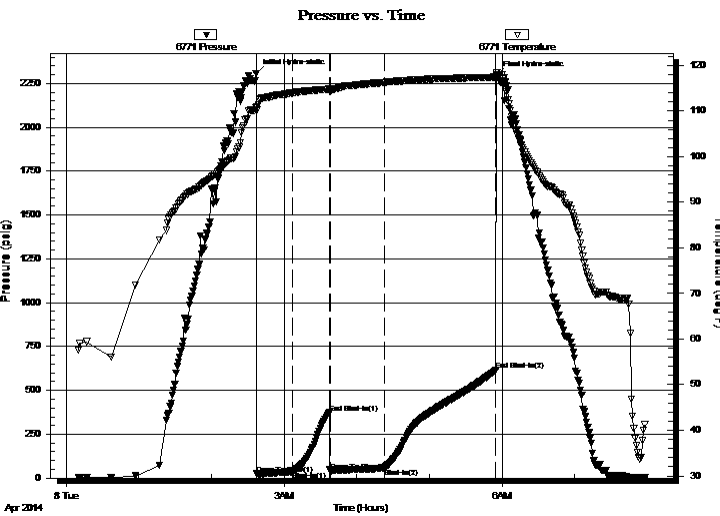
36-16s-34w Scott, Ks
Janzen #6-36
Job Ticket: 56335 **DST#: 4**
Test Start: 2014.04.08 @ 00:10:17

GENERAL INFORMATION:

Formation: **Johnson**
Deviated: No Whipstock: 0.00 ft (KB)
Time Tool Opened: 02:37:32
Time Test Ended: 08:10:47
Interval: **4668.00 ft (KB) To 4725.00 ft (KB) (TVD)**
Total Depth: 4725.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole (Reset)
Tester: Shane McBride
Unit No: 55
Reference Elevations: 3116.00 ft (KB)
3104.00 ft (CF)
KB to GR/CF: 12.00 ft

Serial #: 6771 Inside
Press @ Run Depth: 55.65 psig @ 4669.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2014.04.08 End Date: 2014.04.08 Last Calib.: 2014.04.08
Start Time: 00:10:17 End Time: 07:57:47 Time On Btm: 2014.04.08 @ 02:37:17
Time Off Btm: 2014.04.08 @ 05:55:32

TEST COMMENT: B.O.B. in 24 min.
Surface return in 7 min
B.O.B. in 20 min.
Surface return in 6 min, died in 27 min



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2307.28	110.93	Initial Hydro-static
1	24.46	110.25	Open To Flow (1)
30	36.26	113.97	Shut-In(1)
60	372.75	114.79	End Shut-In(1)
61	38.51	114.64	Open To Flow (2)
106	55.65	116.22	Shut-In(2)
198	615.87	117.43	End Shut-In(2)
199	2295.10	118.47	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	g o c m 5%g 40%o 55%m	0.42
60.00	g o c m 10%g 30%o 60%m	0.84
0.00	390' weak gas in pipe	0.00

* Recovery from multiple tests

Gas Rates

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



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FLUID SUMMARY

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Job Ticket: 56335

DST#: 4

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Test Start: 2014.04.08 @ 00:10:17

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: 57.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.72 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
30.00	g o c m 5%g 40%o 55%m	0.421
60.00	g o c m 10%g 30%o 60%m	0.842
0.00	390' weak gas in pipe	0.000

Total Length: 90.00 ft Total Volume: 1.263 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6771

Inside

Shakespeare Oil

Janzen #6-36

DST Test Number: 4

Pressure vs. Time

