



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Shakespeare Oil Co. Inc

27-16s-34w Scott, KS

202 W. Main St
Salem IL
62881
ATTN: Tim Priest

Stoll Comm 1-27

Job Ticket: 55509

DST#: 4

Test Start: 2013.10.02 @ 04:31:00

GENERAL INFORMATION:

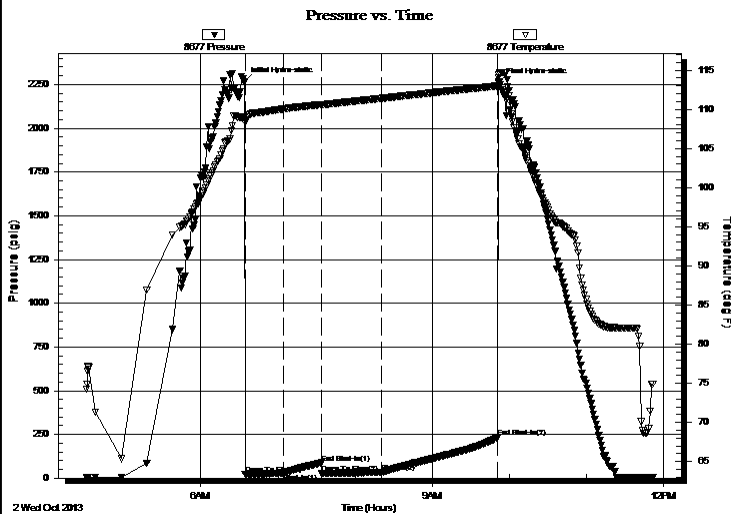
Formation: **4605**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 06:34:30
 Tester: Bradley Walter
 Time Test Ended: 11:52:00
 Unit No: 69
 Interval: **4582.00 ft (KB) To 4605.00 ft (KB) (TVD)**
 Reference Elevations: 3139.00 ft (KB)
 Total Depth: 4605.00 ft (KB) (TVD)
 3129.00 ft (CF)
 Hole Diameter: 7.88 inches
 Hole Condition: Good
 KB to GR/CF: 10.00 ft

Serial #: 8677

Inside

Press @ Run Depth: 32.04 psig @ 4583.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.10.02 End Date: 2013.10.02 Last Calib.: 2013.10.02
 Start Time: 04:31:05 End Time: 11:51:59 Time On Btm: 2013.10.02 @ 06:34:00
 Time Off Btm: 2013.10.02 @ 09:52:00

TEST COMMENT: IF: 8" blow.
 IS: No return.
 FF: 5" blow.
 FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2264.95	109.01	Initial Hydro-static
1	23.33	108.33	Open To Flow (1)
31	28.66	110.06	Shut-In(1)
60	87.46	110.61	End Shut-In(1)
61	25.12	110.59	Open To Flow (2)
107	32.04	111.39	Shut-In(2)
197	232.23	113.01	End Shut-In(2)
198	2259.02	114.45	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	gocm 15g 35o 50m	0.15
0.00	330 GIP	0.00

Gas Rates

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

* Recovery from multiple tests



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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: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.20 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4700.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
30.00	gocm 15g 35o 50m	0.148
0.00	330 GIP	0.000

Total Length: 30.00 ft Total Volume: 0.148 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

