



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Shakespeare Oil Co Inc

Rose #1-10

202 West Main St
Salem, IL
62881
ATTN: Tim Priest

10-16-34w Scott, Ks

Job Ticket: 44386

DST#: 1

Test Start: 2011.09.15 @ 17:50:25

GENERAL INFORMATION:

Formation: **K**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 20:06:25
 Time Test Ended: 02:55:40
 Interval: **4304.00 ft (KB) To 4350.00 ft (KB) (TVD)**
 Total Depth: 4350.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Poor
 Test Type: Conventional Bottom Hole
 Tester: Shane McBride
 Unit No: 55
 Reference Elevations: 3128.00 ft (KB)
 3118.00 ft (CF)
 KB to GR/CF: 10.00 ft

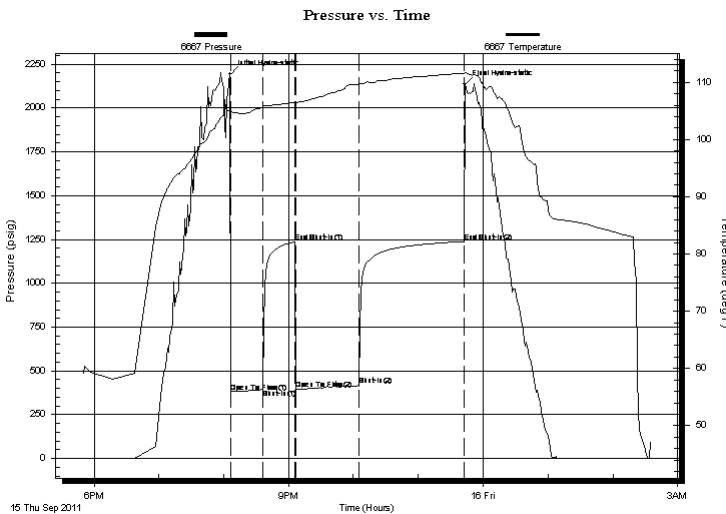
Serial #: 6667

Outside

Press @ Run Depth: 416.94 psig @ 4305.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2011.09.15 End Date: 2011.09.16 Last Calib.: 2011.09.16
 Start Time: 17:50:25 End Time: 02:35:40 Time On Btm: 2011.09.15 @ 20:06:10
 Time Off Btm: 2011.09.15 @ 23:43:10

TEST COMMENT: 6' of fill Tool opened making up head joint Bled off blow 1" in blow
 No return
 2 1/2" in blow
 No return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2193.48	105.14	Initial Hydro-static
1	379.90	104.80	Open To Flow (1)
30	395.54	105.72	Shut-In(1)
60	1235.61	106.50	End Shut-In(1)
61	396.32	106.36	Open To Flow (2)
120	416.94	109.62	Shut-In(2)
217	1237.82	111.57	End Shut-In(2)
217	2135.92	111.72	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
240.00	w c m 30%w 70%m	2.25
240.00	w c m 20%w 80%m	3.37
300.00	mud 100%m	4.21

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:

0 deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

33000 ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.76 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 6000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
240.00	w c m 30%w 70%m	2.246
240.00	w c m 20%w 80%m	3.367
300.00	mud 100%m	4.208

Total Length: 780.00 ft Total Volume: 9.821 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW .291 @ 50*f = 33,000 chlor

