



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Shakespeare Oil Co. inc.

14-14-32 Logan, Ks

202 W. Main
Salem IL. 62881

Ottley 5-14

Job Ticket: 44927

DST#: 5

ATTN: Tim Priest

Test Start: 2011.11.27 @ 20:30:51

GENERAL INFORMATION:

Formation: **Cherokee-Johnson**

Deviated: No Whipstock: 0.00 ft (KB)

Time Tool Opened: 22:06:51

Time Test Ended: 04:25:21

Test Type: Conventional Bottom Hole (Reset)

Tester: Shane McBride

Unit No: 55

Interval: **4366.00 ft (KB) To 4440.00 ft (KB) (TVD)**

Reference Elevations: 2825.00 ft (KB)

Total Depth: 4440.00 ft (KB) (TVD)

2816.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 9.00 ft

Serial #: 6667 Outside

Press @ Run Depth: 96.18 psig @ 4367.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.11.27

End Date:

2011.11.28

Last Calib.:

2011.11.28

Start Time: 20:30:51

End Time:

04:11:21

Time On Btm:

2011.11.27 @ 22:06:06

Time Off Btm:

2011.11.28 @ 01:24:06

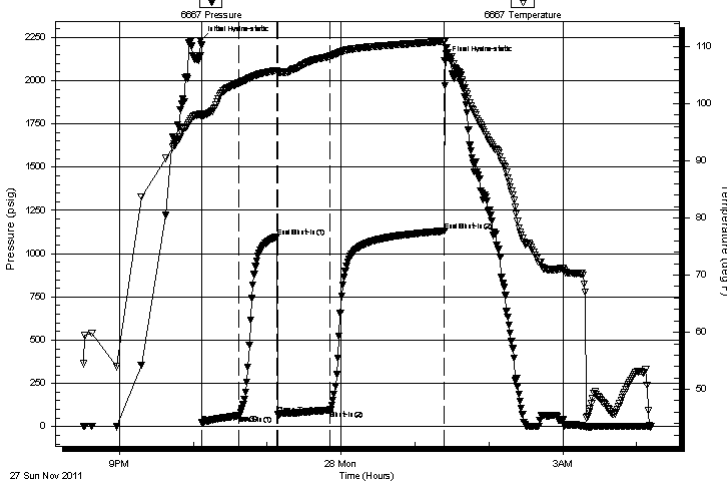
TEST COMMENT: 7" in blow

Surface return died in 18 min

B.O.B. in 36 min

Surface return died in 53 min

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2232.64	98.18	Initial Hydro-static
1	22.10	97.68	Open To Flow (1)
31	64.94	103.63	Shut-In(1)
62	1097.55	105.84	End Shut-In(1)
63	69.01	105.54	Open To Flow (2)
105	96.18	108.36	Shut-In(2)
198	1130.61	110.93	End Shut-In(2)
198	2116.23	111.09	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
70.00	g o c m 10%g 20%o 70%m	0.34
120.00	g o c m 15%g 35%o 50%m	0.94
0.00	410' 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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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: 61.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.20 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
70.00	g o c m 10%g 20%o 70%m	0.344
120.00	g o c m 15%g 35%o 50%m	0.936
0.00	410' gas in pipe	0.000

Total Length: 190.00 ft

Total Volume: 1.280 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

