



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Shakespeare Oil Company, Inc.

22-16s-34w Scott

202 W Main St
Salem IL , 62881

Stoll 1-22

Job Ticket: 57463

DST#: 1

ATTN: Steve Davis

Test Start: 2014.09.15 @ 17:00:00

GENERAL INFORMATION:

Formation: **Marmaton A**

Deviated: No Whipstock: 0.00 ft (KB)

Time Tool Opened: 19:02:30

Time Test Ended: 23:43:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Justin Harris

Unit No: 60

Interval: **4422.00 ft (KB) To 4490.00 ft (KB) (TVD)**

Reference Elevations: 3140.00 ft (KB)

Total Depth: 4490.00 ft (KB) (TVD)

3128.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 12.00 ft

Serial #: 8373 Inside

Press @ Run Depth: 41.79 psig @ 4423.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.09.15 End Date: 2014.09.15

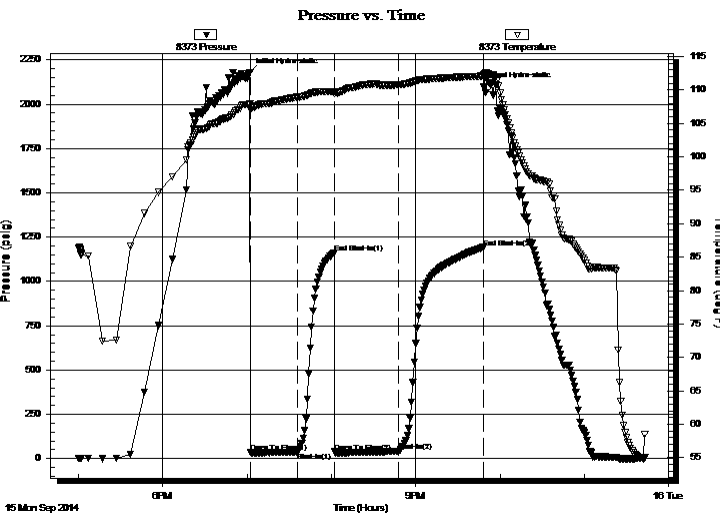
Last Calib.: 2014.09.15

Start Time: 17:00:05 End Time: 23:42:59

Time On Btm: 2014.09.15 @ 19:02:00

Time Off Btm: 2014.09.15 @ 21:48:30

TEST COMMENT: 30: Weak Surface blow build to 1".
30: No Return.
30: Weak surface blow build to 1 1/2"
60: No Return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2180.03	107.96	Initial Hydro-static
1	35.49	106.98	Open To Flow (1)
34	38.40	108.93	Shut-In(1)
60	1160.19	109.77	End Shut-In(1)
61	38.05	109.45	Open To Flow (2)
106	41.79	110.78	Shut-In(2)
166	1191.78	112.08	End Shut-In(2)
167	2100.24	112.32	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Clean oil	0.07
31.00	gmco 40%m 55%o 5%g	0.43
	GIP 63'	

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:

27 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: 7.98 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Clean oil	0.070
31.00	gmco 40%m 55%o 5%g	0.435
	GIP 63'	

Total Length: -999963.00 ft

Total Volume: 0.505 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

