



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Shakespeare Oil Co.

Campbell 1-17

202 W Main St.
Salem IL 62881

17-13-32 Logan, Ks

ATTN: Tim Priest

Job Ticket: 39092

DST#: 9

Test Start: 2010.07.11 @ 13:45:51

GENERAL INFORMATION:

Formation: **Ft. Scott**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:30:31

Time Test Ended: 21:06:45

Test Type: Conventional Bottom Hole

Tester: Brandon Turley

Unit No: 35

Interval: 4482.00 ft (KB) To 4528.00 ft (KB) (TVD)

Reference Elevations: 3027.00 ft (KB)

Total Depth: 4528.00 ft (KB) (TVD)

3017.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8373

Inside

Press @ Run Depth: 157.40 psig @ 4483.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.07.11

End Date:

2010.07.11

Last Calib.:

2010.07.11

Start Time:

13:45:51

End Time:

21:06:45

Time On Btm:

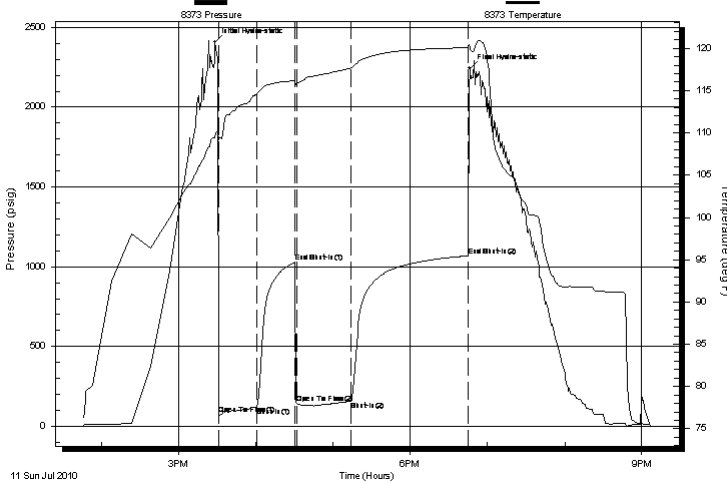
2010.07.11 @ 15:28:01

Time Off Btm:

2010.07.11 @ 18:46:15

TEST COMMENT: IF: 1/4 blow BOB in 12 min.
IS: Surface blow never built.
FF: 1/4 blow BOB in 7 min.
FS: Surface blow built to 3 in 90 min.

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2405.17	109.43	Initial Hydro-static
3	73.34	109.24	Open To Flow (1)
33	117.09	114.59	Shut-In(1)
62	1028.83	116.18	End Shut-In(1)
64	143.16	115.67	Open To Flow (2)
106	157.40	117.67	Shut-In(2)
197	1068.81	120.07	End Shut-In(2)
199	2241.99	120.12	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
124.00	mw cgo 30%g 50%o 10%w 10%m	0.61
186.00	mcgo 40%g 40%o 20%m	2.61
93.00	gocm 20%g 20%o 60%m	1.30
0.00	806 GIP	0.00

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: 30 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 0 ppm
Viscosity: 56.00 sec/qt	Cushion Volume: bbl	
Water Loss: 8.78 in ³	Gas Cushion Type:	
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig	
Salinity: 5600.00 ppm		
Filter Cake: 1.00 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
124.00	mw cgo 30%g 50%o 10%w 10%m	0.610
186.00	mcgo 40%g 40%o 20%m	2.609
93.00	gocm 20%g 20%o 60%m	1.305
0.00	806 GIP	0.000

Total Length: 403.00 ft Total Volume: 4.524 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 32@80=30

Pressure vs. Time

