



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Shakespeare Oil Company, Inc

14-14s-32w Logan Co, KS

202 W Main ST
Salem IL, 62881 - 1519

Ottley #6-14

Job Ticket: 57035

DST#: 6

ATTN: Tim Priest

Test Start: 2014.07.15 @ 03:40:00

GENERAL INFORMATION:

Formation: **Myric Station**

Deviated: No Whipstock: 42.00 ft (KB)

Time Tool Opened: 07:34:00

Time Test Ended: 14:06:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Jace McKinney

Unit No: 75

Interval: 4302.00 ft (KB) To 4325.00 ft (KB) (TVD)

Reference Elevations: 2818.00 ft (KB)

Total Depth: 4325.00 ft (KB) (TVD)

2808.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 10.00 ft

Serial #: 8675

Inside

Press@RunDepth: 322.78 psig @ 4303.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.07.15

End Date:

2014.07.15

Last Calib.:

2014.07.15

Start Time: 03:40:15

End Time:

14:06:00

Time On Btm:

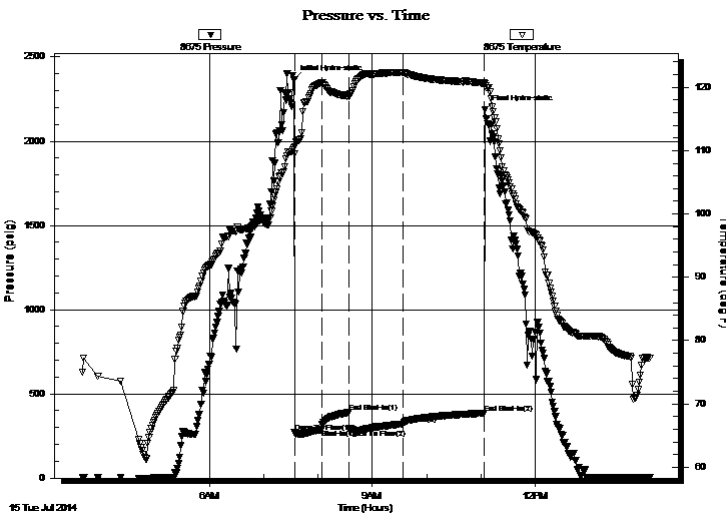
2014.07.15 @ 07:33:45

Time Off Btm:

2014.07.15 @ 11:04:30

TEST COMMENT: B.O.B. in 24 min.
Bled off for 5 min. No return blow
B.O.B. in 28 min.
Bled off for 5 min. No return blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2365.02	110.49	Initial Hydro-static
1	269.40	109.48	Open To Flow (1)
31	288.05	120.72	Shut-In(1)
61	389.62	118.49	End Shut-In(1)
61	292.42	118.47	Open To Flow (2)
121	322.78	122.33	Shut-In(2)
210	385.91	120.65	End Shut-In(2)
211	2186.69	120.53	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
177.00	mcw 40%M 60%W	2.05
183.00	100%Mud	2.57
245.00	w cgm 5%W 10%G 85%M	3.44
0.00	105 Feet Gas In Pipe	0.00
0.00	Hit a bridge again same one	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:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

48000 ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
177.00	mcw 40%M 60%W	2.054
183.00	100%Mud	2.567
245.00	w cgm 5%W 10%G 85%M	3.437
0.00	105 Feet Gas In Pipe	0.000
0.00	Hit a bridge again same one	0.000

Total Length: 605.00 ft Total Volume: 8.058 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW: .15 @ 70 F = 48,000

