



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Shakespear oil co, inc

15 16 34 W

202 W Main ST
Salem IL
62881+1519
ATTN: Tim Priest

Janzen 1-15

Job Ticket: 46469

DST#: 3

Test Start: 2012.04.19 @ 07:35:00

GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: 0.00 ft (KB)

Time Tool Opened: 09:10:00

Time Test Ended: 14:34:29

Test Type: Conventional Bottom Hole (Reset)

Tester: Cole Archibald

Unit No: 40

Interval: 4387.00 ft (KB) To 4400.00 ft (KB) (TVD)

Reference Elevations: 3129.00 ft (KB)

Total Depth: 4440.00 ft (KB) (TVD)

3122.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

Serial #: 8652 Inside

Press @ RunDepth: 130.88 psig @ 4388.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.04.19

End Date:

2012.04.19

Last Calib.:

2012.04.19

Start Time: 07:35:05

End Time:

14:34:29

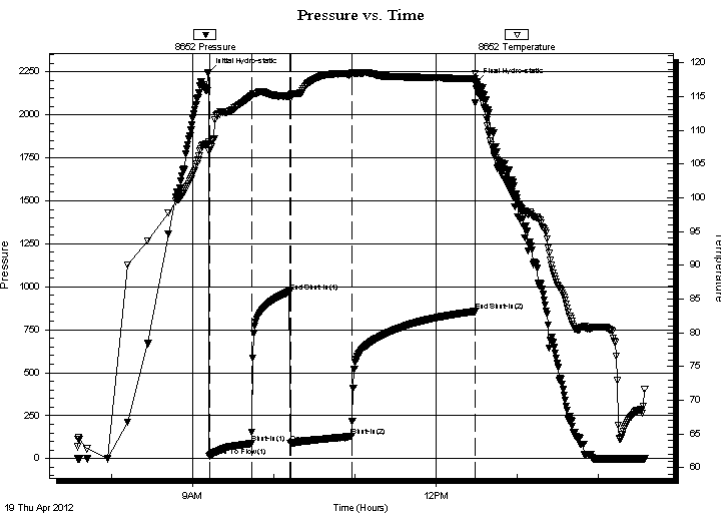
Time On Btm:

2012.04.19 @ 09:12:00

Time Off Btm:

2012.04.19 @ 12:29:44

TEST COMMENT: Built to 6 inch's
No return
built to 1 3/4 inch
No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2246.02	108.27	Initial Hydro-static
1	15.40	106.91	Open To Flow (1)
32	90.85	115.08	Shut-In(1)
60	972.63	115.02	End Shut-In(1)
61	90.20	114.75	Open To Flow (2)
106	130.88	118.35	Shut-In(2)
197	856.75	117.62	End Shut-In(2)
198	2184.38	116.81	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	Rw .284 @ 71 F* =25,000	0.00
300.00	MCW 70% m 30% W	3.41

* Recovery from multiple tests

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



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DST#: 3

Test Start: 2012.04.19 @ 07:35:00

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:

ppm

Viscosity: 58.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.57 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	Rw .284 @ 71 F* =25,000	0.000
300.00	MCW 70% m 30% W	3.406

Total Length: 300.00 ft Total Volume: 3.406 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8652

Inside

Shakespeare oil co, inc

Janzen 1-15

DST Test Number: 3

