



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Shakespear Oil Co, Inc

15-16s-34w Scott Co. KS

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

Janzen 1-15

Job Ticket: 45835

DST#: 6

Test Start: 2012.04.23 @ 08:15:00

GENERAL INFORMATION:

Formation: **Johnson**

Deviated: No Whipstock: 0.00 ft (KB)

Time Tool Opened: 10:24:55

Time Test Ended: 16:14:39

Test Type: Conventional Bottom Hole (Reset)

Tester: Will MacLean

Unit No: 40

Interval: 4638.00 ft (KB) To 4710.00 ft (KB) (TVD)

Reference Elevations: 3129.00 ft (KB)

Total Depth: 4710.00 ft (KB) (TVD)

3122.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 7.00 ft

Serial #: 8652 Inside

Press @ Run Depth: 33.51 psig @ 4639.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.04.23

End Date:

2012.04.23

Last Calib.: 2012.04.23

Start Time: 08:15:00

End Time:

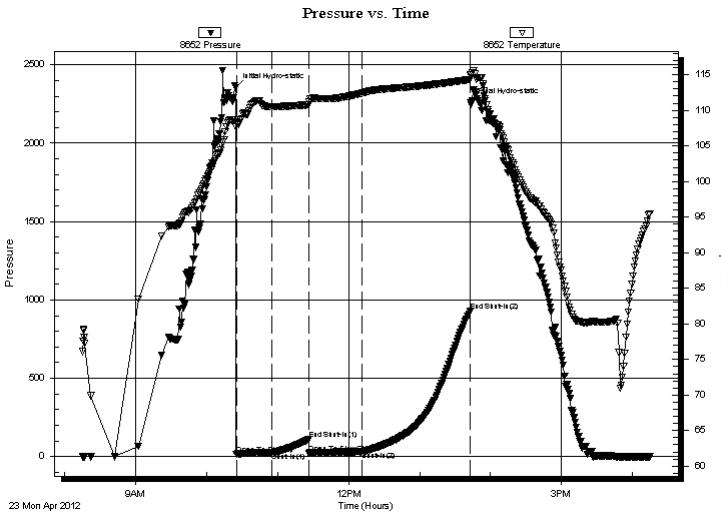
16:14:39

Time On Btm: 2012.04.23 @ 10:24:40

Time Off Btm: 2012.04.23 @ 13:43:09

TEST COMMENT: IF- Weak Surface Blow Built to 1 1/4"
IS- No Blow
FF- Weak Surface Blow Built to 3 3/4"
FS- No Blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2355.81	108.72	Initial Hydro-static
1	16.59	107.67	Open To Flow (1)
31	26.37	110.54	Shut-In(1)
62	111.16	110.79	End Shut-In(1)
62	23.02	111.16	Open To Flow (2)
107	33.51	112.41	Shut-In(2)
199	928.83	114.33	End Shut-In(2)
199	2259.91	115.06	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
50.00	OGCM 7%oil 21%g 71%m	0.37
0.00	132' of GIP	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

Mud Weight: 9.00 lb/gal

Viscosity: 71.00 sec/qt

Water Loss: 8.77 in³

Resistivity: ohm.m

Salinity: 8500.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
50.00	OGCM 7%oil 21%g 71%m	0.367
0.00	132' of GIP	0.000

Total Length: 50.00 ft Total Volume: 0.367 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: 6

