



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Shakespeare Oil Company Inc.

Younkin 1-2

202 W Main ST
Salem IL, 62881-1519

2-14-34w

Job Ticket: 042675

DST#: 2

ATTN: Kevin Bailey

Test Start: 2011.07.14 @ 20:15:00

GENERAL INFORMATION:

Formation: **Kansas City "K"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:24:00

Time Test Ended: 03:17:30

Test Type: Conventional Bottom Hole

Tester: Jace McKinney

Unit No: 28

Interval: 4074.00 ft (KB) To 4090.00 ft (KB) (TVD)

Total Depth: 4090.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2920.00 ft (KB)

2910.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8675 Inside

Press @ Run Depth: 164.84 psig @ 4075.00 ft (KB)

Start Date: 2011.07.14

End Date:

2011.07.15

Start Time: 20:15:01

End Time:

03:17:30

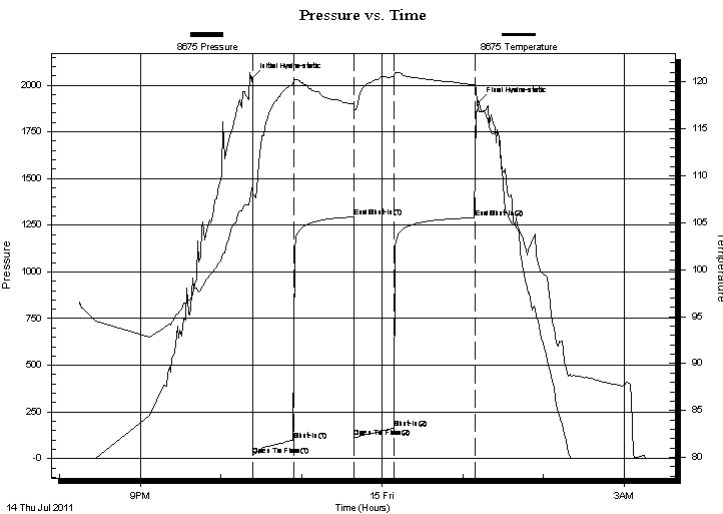
Capacity: 8000.00 psig

Last Calib.: 2011.07.15

Time On Btm: 2011.07.14 @ 22:23:45

Time Off Btm: 2011.07.15 @ 01:11:45

TEST COMMENT: B.O.B. in 25 min.
Very Weak Surface Return Blow
B.O.B. in 28 min.
Very Weak Surface Return Blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2039.87	108.80	Initial Hydro-static
1	18.75	108.05	Open To Flow (1)
31	100.38	119.81	Shut-In(1)
75	1294.86	117.65	End Shut-In(1)
76	112.51	117.08	Open To Flow (2)
105	164.84	120.58	Shut-In(2)
166	1290.07	119.67	End Shut-In(2)
168	1909.91	116.87	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
90.00	w 100% W	0.44
215.00	mcw 50%M 50%W	3.02

Gas Rates

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



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FLUID SUMMARY

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DST#: 2

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Test Start: 2011.07.14 @ 20:15:00

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:

60000 ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbf

Water Loss: 7.20 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
90.00	w 100% W	0.443
215.00	mcw 50%M 50%W	3.016

Total Length: 305.00 ft Total Volume: 3.459 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW: .13 @ 76 F = 60000

