



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Shakespeare Oil Co. Inc.
 202 West Main Street
 Salem IL
 62881
 ATTN: Pat Deenihan

Pope 1-20

20-13-32w Logan Co K

Job Ticket: 43279

DST#: 5

Test Start: 2011.08.01 @ 08:55:15

GENERAL INFORMATION:

Formation: **Pawnee-Myric Station**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:54:30

Time Test Ended: 14:42:00

Test Type: Conventional Bottom Hole

Tester: Mike Roberts

Unit No: 48

Interval: 4442.00 ft (KB) To 4534.00 ft (KB) (TVD)

Reference Elevations: 3039.00 ft (KB)

Total Depth: 4534.00 ft (KB) (TVD)

3034.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 5.00 ft

Serial #: 6669 Outside

Press @ Run Depth: 58.24 psig @ 4529.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.08.01

End Date:

2011.08.01

Last Calib.: 2011.08.01

Start Time: 08:55:15

End Time:

14:42:00

Time On Btm: 2011.08.01 @ 10:54:00

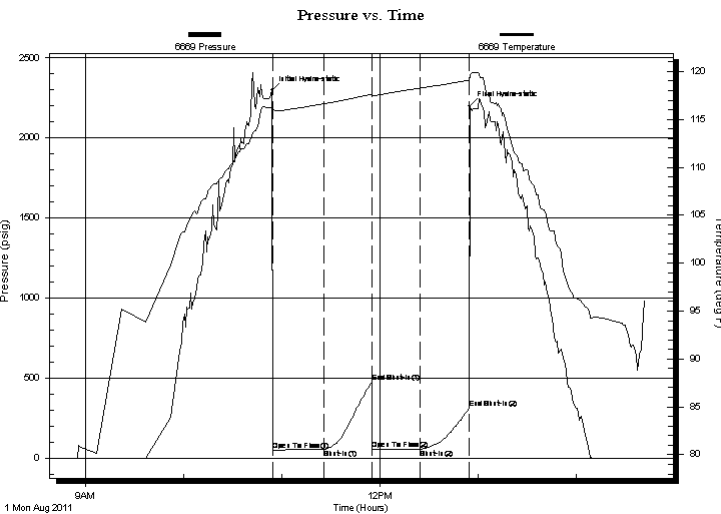
Time Off Btm: 2011.08.01 @ 12:55:00

TEST COMMENT: IF: Built to a weak surface blow

IS: No return blow

FF: No blow

FS: No return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2296.74	116.37	Initial Hydro-static
1	53.57	116.08	Open To Flow (1)
32	56.92	116.64	Shut-In(1)
61	480.44	117.61	End Shut-In(1)
62	57.12	117.38	Open To Flow (2)
91	58.24	118.26	Shut-In(2)
121	313.89	119.08	End Shut-In(2)
121	2200.32	119.59	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	mud	0.05

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	Cushion Type:	Oil API:	0 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: 7.79 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 5300.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	mud	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

