



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Shakespeare Oil Co. Inc

21-16s-34w Scott Co. KS

202 W Main St.
Salem IL. 62881

Bahm #1-21

Job Ticket: 57702

DST#: 3

ATTN: Steve Davis

Test Start: 2014.07.05 @ 16:58:00

GENERAL INFORMATION:

Formation: **Johnson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:10:10

Time Test Ended: 23:21:09

Test Type: Conventional Bottom Hole (Reset)

Tester: Will MacLean

Unit No: 72

Interval: 4650.00 ft (KB) To 4720.00 ft (KB) (TVD)

Reference Elevations: 3147.00 ft (KB)

Total Depth: 4720.00 ft (KB) (TVD)

3135.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 12.00 ft

Serial #: 8674 Inside

Press @ Run Depth: 23.61 psig @ 4653.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.07.05

End Date:

2014.07.05

Last Calib.:

2014.07.05

Start Time: 16:58:00

End Time:

23:21:09

Time On Btm:

2014.07.05 @ 19:09:55

Time Off Btm:

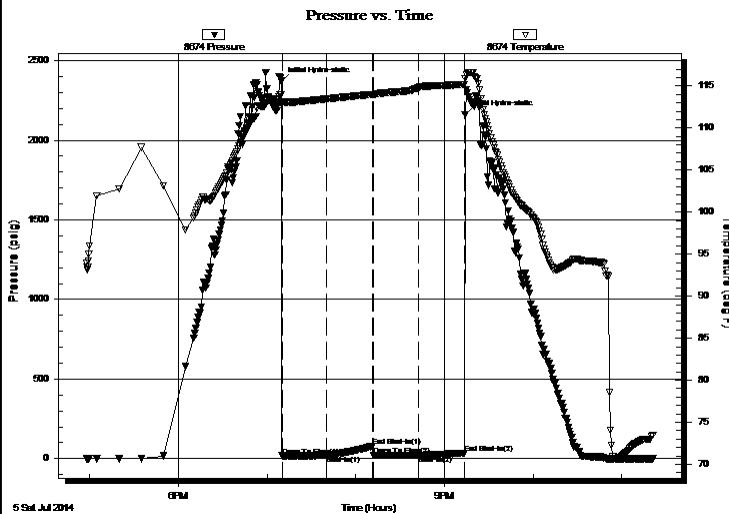
2014.07.05 @ 21:13:55

TEST COMMENT: IF- Weak Surface Blow Dead in 10min

IS- No Blow

FF- No Blow

FS- No Blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2370.44	113.95	Initial Hydro-static
1	18.08	112.91	Open To Flow (1)
30	19.48	113.45	Shut-In(1)
62	78.07	114.00	End Shut-In(1)
63	19.02	113.97	Open To Flow (2)
93	23.61	114.74	Shut-In(2)
124	35.01	115.19	End Shut-In(2)
124	2160.65	115.90	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	OCM 6%oil 94%m with a Skim of Oil on 0.07	

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:

ppm

Viscosity: 58.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.37 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	OCM 6%oil 94%m with a Skim of Oil on	0.070

Total Length: 5.00 ft Total Volume: 0.070 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

