



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Shakespeare Oil Co, Inc.

35 16s 34w Scott, Ks

202 W Main St
Salem, IL 62881

COG #2-35

Job Ticket: 58593

DST#: 3

ATTN: Tim Priest

Test Start: 2014.11.18 @ 21:40:00

GENERAL INFORMATION:

Formation: **Marmaton C - Ft. Sco**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:55:30

Time Test Ended: 07:28:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 69

Interval: 4495.00 ft (KB) To 4610.00 ft (KB) (TVD)

Reference Elevations: 3115.00 ft (KB)

Total Depth: 4610.00 ft (KB) (TVD)

3105.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8365

Inside

Press@RunDepth: 54.04 psig @ 4496.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.11.18

End Date:

2014.11.19

Last Calib.: 2014.11.19

Start Time: 21:40:05

End Time:

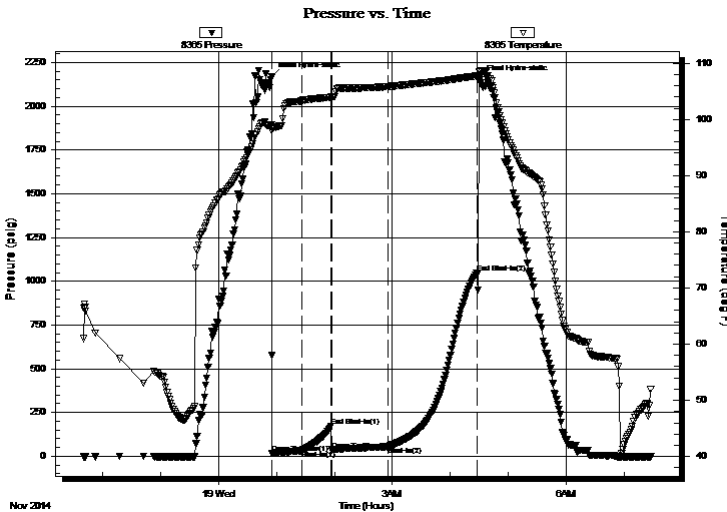
07:28:30

Time On Btm: 2014.11.19 @ 00:55:00

Time Off Btm: 2014.11.19 @ 04:30:30

TEST COMMENT: IF: 2" blow.
IS: No return.
FF: 2 1/2" blow.
FS: No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2167.34	99.05	Initial Hydro-static
1	14.75	98.43	Open To Flow (1)
31	31.22	103.29	Shut-In(1)
62	169.40	103.94	End Shut-In(1)
62	35.97	103.97	Open To Flow (2)
121	54.04	105.82	Shut-In(2)
213	1044.39	107.71	End Shut-In(2)
216	2152.55	108.54	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
80.00	ocm 10o 90m	0.39
0.00	200' 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

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 46.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.39 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 9600.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
80.00	ocm 10o 90m	0.393
0.00	200' GIP	0.000

Total Length: 80.00 ft Total Volume: 0.393 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

