

**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Shakespeare Oil Co

5-20-30 Lane Ks

202 W Main St
Salem, IL 62881

Goering 1-5

Job Ticket: 63857

DST#: 3

ATTN: Tim Priest

Test Start: 2017.07.20 @ 17:45:33

GENERAL INFORMATION:

Formation: **FS- JZ**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:40:03

Time Test Ended: 23:35:03

Test Type: Conventional Bottom Hole (Reset)

Tester: Brandon Turley

Unit No: 79

Interval: 4559.00 ft (KB) To 4620.00 ft (KB) (TVD)

Total Depth: 4620.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2950.00 ft (KB)

2940.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8166 Outside

Press@RunDepth: 19.21 psig @ 4564.00 ft (KB)

Start Date: 2017.07.20

End Date: 2017.07.20

Start Time: 17:45:38

End Time: 23:35:02

Capacity: 8000.00 psig

Last Calib.: 2017.07.20

Time On Btm: 2017.07.20 @ 19:38:33

Time Off Btm: 2017.07.20 @ 21:42:03

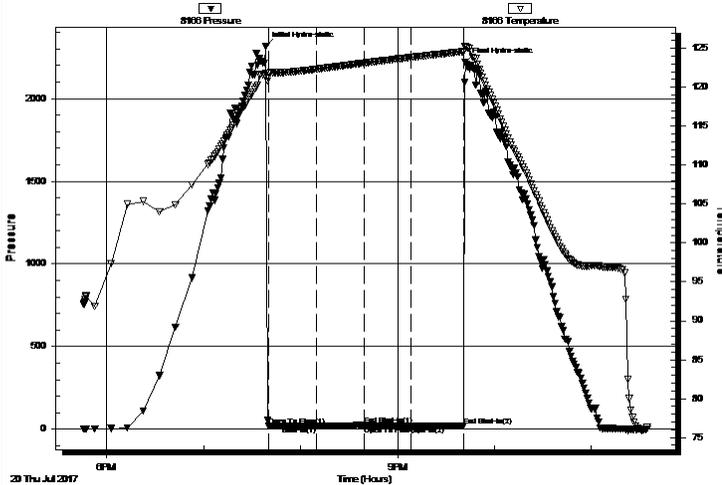
TEST COMMENT: IF: 1/4 blow died in 12 min.

IS: No return.

FF: No blow.

FS: No return.

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2317.89	121.82	Initial Hydro-static
2	22.01	121.75	Open To Flow (1)
31	19.85	122.32	Shut-In(1)
61	23.46	123.11	End Shut-In(1)
61	19.14	123.12	Open To Flow (2)
90	19.21	123.85	Shut-In(2)
123	20.90	124.59	End Shut-In(2)
124	2222.55	125.30	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	mud 100%m	0.02

Gas Rates

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

* Recovery from multiple tests

