



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Shakespeare Oil Company, Inc.

28-16s-34w Scott Co, KS

202 W Main ST
Salem IL, 62881-1519

Blakey 1-28

Job Ticket: 61593

DST#: 3

ATTN: Tim Priest

Test Start: 2015.07.29 @ 02:14:00

GENERAL INFORMATION:

Formation: **Marmaton A&B**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:21:45

Time Test Ended: 08:47:45

Test Type: Conventional Bottom Hole (Reset)

Tester: Jace McKinney

Unit No: 75

Interval: 4473.00 ft (KB) To 4508.00 ft (KB) (TVD)

Reference Elevations: 3150.00 ft (KB)

Total Depth: 4508.00 ft (KB) (TVD)

3143.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 7.00 ft

Serial #: 8675

Inside

Press@RunDepth: 20.45 psig @ 4474.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.07.29

End Date:

2015.07.29

Last Calib.:

2015.07.29

Start Time: 02:14:15

End Time:

08:47:45

Time On Btm:

2015.07.29 @ 04:21:15

Time Off Btm:

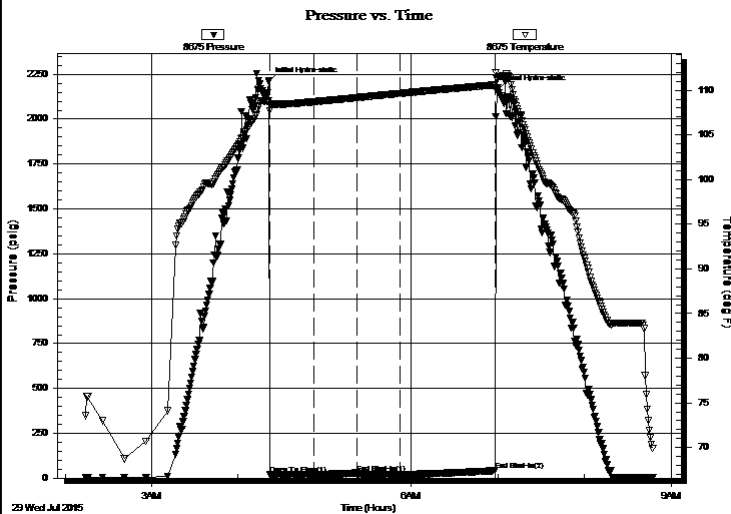
2015.07.29 @ 07:00:15

TEST COMMENT: Weak surface blow, died after 12 min.

No return blow

No blow

No return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2208.31	108.82	Initial Hydro-static
1	19.29	107.70	Open To Flow (1)
31	20.13	108.71	Shut-In(1)
61	29.03	109.18	End Shut-In(1)
62	18.56	109.18	Open To Flow (2)
91	20.45	109.65	Shut-In(2)
157	42.09	110.61	End Shut-In(2)
159	2164.31	111.46	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	100% Mud w with oil spots	0.02

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Shakespeare Oil Company, Inc.

28-16s-34w Scott Co, KS

202 W Main ST
Salem IL, 62881-1519

Blakey 1-28

Job Ticket: 61593

DST#: 3

ATTN: Tim Priest

Test Start: 2015.07.29 @ 02:14:00

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: ppm

Viscosity: 47.00 sec/qt

Cushion Volume: bbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure: psig

Salinity: 6300.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	100% Mud with oil spots	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8675

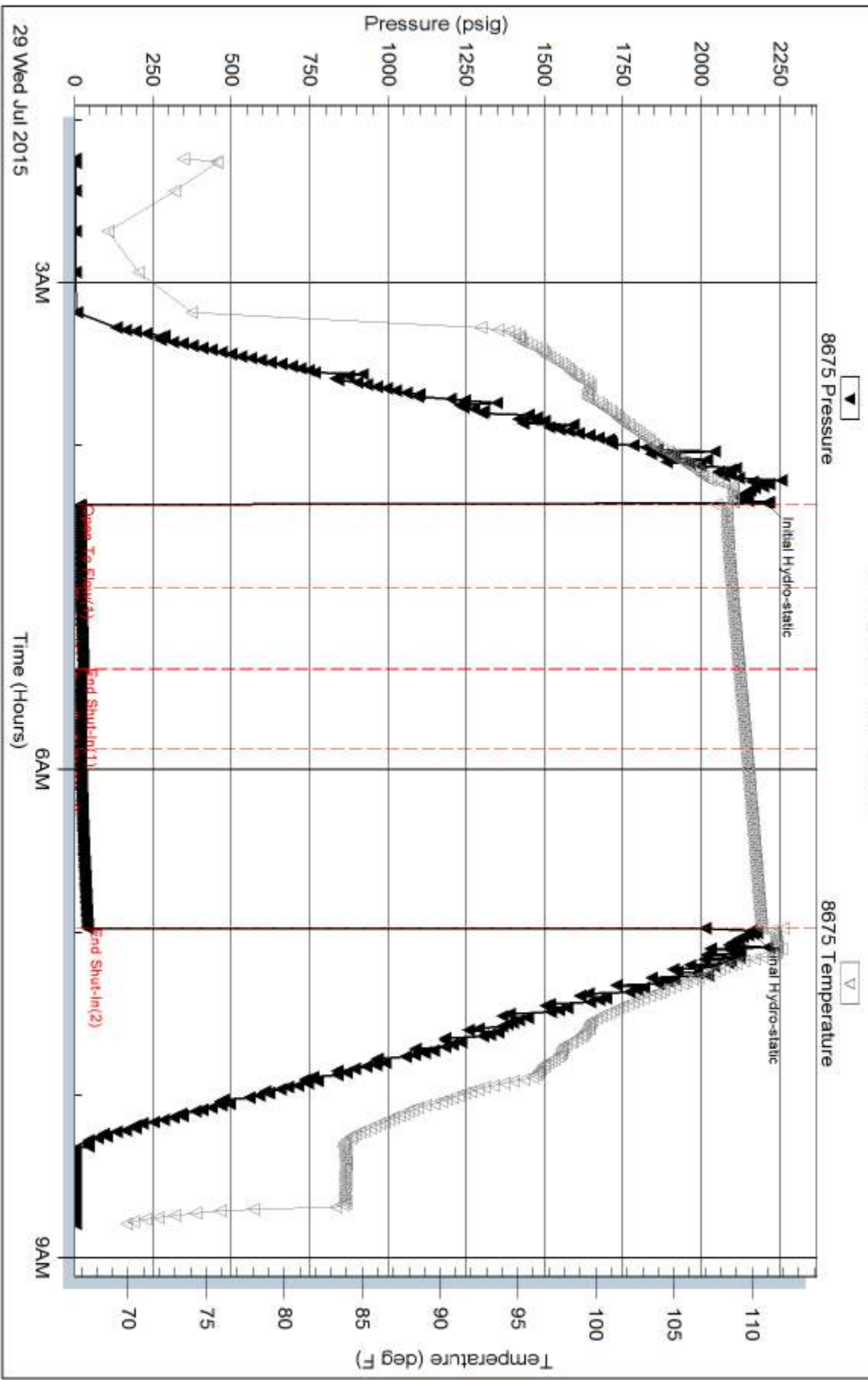
Inside

Shakespeare Oil Company, Inc.

Blakey 1-28

DST Test Number: 3

Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 61593

Printed: 2015.07.29 @ 09:12:45