



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Shakespeare Oil Co. Inc.

S28-14s-32w Logan/KS

202 W Main
Salem, IL 62881

Ottley #2-28

Job Ticket: 48499

DST#: 5

ATTN: Tim Priest

Test Start: 2015.01.13 @ 08:44:00

GENERAL INFORMATION:

Formation: **'I & J'**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:46:20

Time Test Ended: 17:38:19

Test Type: Conventional Bottom Hole (Reset)

Tester: Chuck Smith

Unit No: 61

Interval: 3860.00 ft (KB) To 3914.00 ft (KB) (TVD)

Reference Elevations: 2682.00 ft (KB)

Total Depth: 3914.00 ft (KB) (TVD)

2672.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8357 Inside

Press @ Run Depth: 64.60 psig @ 3864.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.01.13

End Date: 2015.01.13

Last Calib.: 2015.01.13

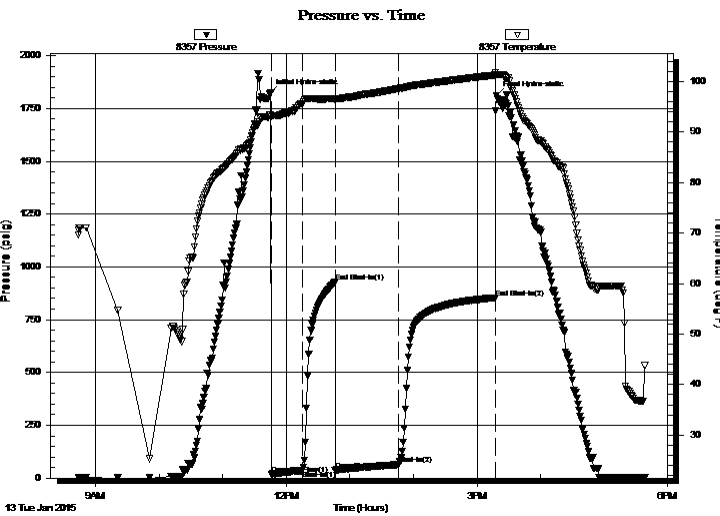
Start Time: 08:44:02

End Time: 17:38:19

Time On Btm: 2015.01.13 @ 11:44:10

Time Off Btm: 2015.01.13 @ 15:18:20

TEST COMMENT: 30- 3" Blow .
30- Surface return.
60- 3 1/2" Blow .
90- Surface return died @ 45 min.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1821.31	93.30	Initial Hydro-static
3	18.32	92.97	Open To Flow (1)
32	35.46	95.54	Shut-In(1)
62	929.76	96.65	End Shut-In(1)
62	38.37	96.27	Open To Flow (2)
123	64.60	98.57	Shut-In(2)
213	853.81	101.23	End Shut-In(2)
215	1810.59	101.37	Final Hydro-static

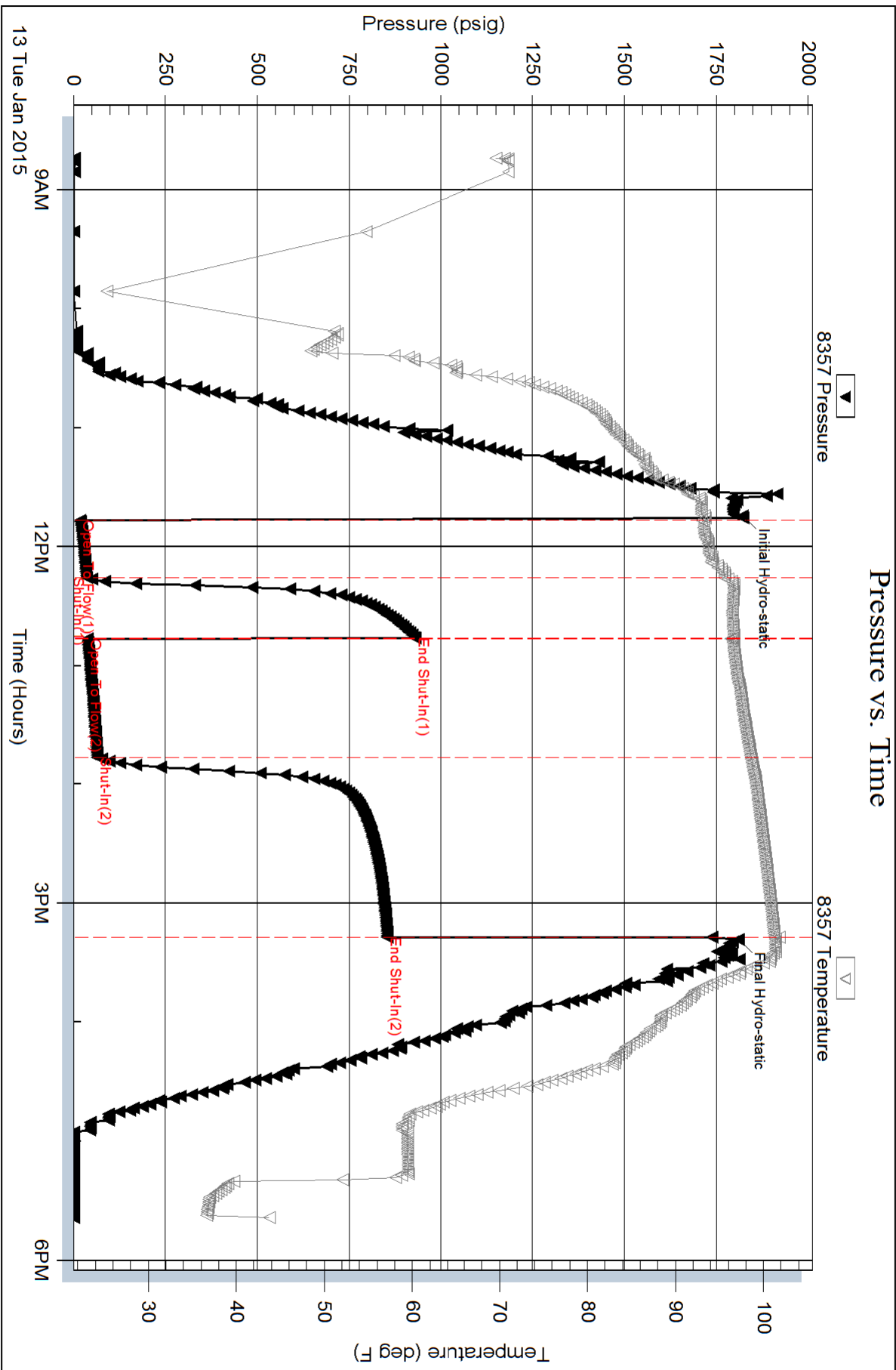
Recovery

Length (ft)	Description	Volume (bbl)
0.00	API: 35 @ 30 Degrees F = 38	0.00
85.00	SOCM 2o 98m	0.42
5.00	CGO 5g 95o	0.02

* Recovery from multiple tests

Gas Rates

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



Serial #: 6751

Outside Shakespeare Oil Co. Inc.

Ottley #2-28

DST Test Number: 5

