



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Vincent Oil Corp.
200 W Dougls Ave. #725 Wichita, Ks. 67202
ATTN: Jim Hall

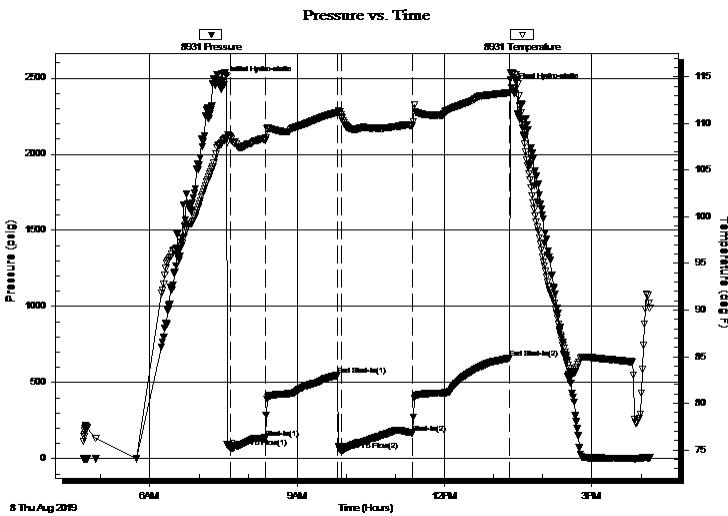
27-28s-23w Ford Co. Ks.
Sandyland 3-27
Job Ticket: 64938 **DST#: 3**
Test Start: 2019.08.08 @ 04:39:02

GENERAL INFORMATION:

Formation: **Mississippi**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 07:38:32
Time Test Ended: 16:11:32
Interval: **5199.00 ft (KB) To 5236.00 ft (KB) (TVD)**
Total Depth: 5236.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Reference Elevations: 2528.00 ft (KB)
2516.00 ft (CF)
KB to GR/CF: 12.00 ft
Test Type: Conventional Bottom Hole (Reset)
Tester: Matt Smith
Unit No: 68

Serial #: 8931 Inside
Press@RunDepth: 167.39 psig @ 5200.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2019.08.08 End Date: 2019.08.08 Last Calib.: 2019.08.08
Start Time: 04:39:07 End Time: 16:11:32 Time On Btm: 2019.08.08 @ 07:29:32
Time Off Btm: 2019.08.08 @ 13:22:02

TEST COMMENT: IF: Strong Blow . B.O.B. in 30 sec. Built to 816.54". G.T.S. in 32 mins. Gauged gas and sample.
IS: Weak Blow . Built to 1/4".
FF: Stong Blow . B.O.B. & G.T.S., immediately. Built to 127.05" w hile Gauging gas. and sample.
FS: Weak Blow . Built to 1/8 to 1/4".



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2482.89	108.14	Initial Hydro-static
9	72.36	108.48	Open To Flow (1)
52	136.53	108.23	Shut-In(1)
140	547.16	111.20	End Shut-In(1)
145	54.14	110.70	Open To Flow (2)
231	167.39	109.79	Shut-In(2)
350	660.19	113.31	End Shut-In(2)
353	2434.64	115.48	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
64.00	GOSM 15%g 85%m	0.90
31.00	GOSM 3%g 97%m	0.43
0.00	G.I.P. 100%g	0.00

* Recovery from multiple tests

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	92.03	168.84
Last Gas Rate	0.25	102.16	184.91
Max. Gas Rate	0.13	119.68	50.18



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FLUID SUMMARY

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27-28s-23w Ford Co. Ks.

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Sandyland 3-27

Job Ticket: 64938

DST#: 3

ATTN: Jim Hall

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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:

83000 ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.39 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 8300.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
64.00	GOSM 15%g 85%m	0.898
31.00	GOSM 3%g 97%m	0.435
0.00	G.I.P. 100%g	0.000

Total Length: 95.00 ft Total Volume: 1.333 bbl

Num Fluid Samples: 2

Num Gas Bombs: 0

Serial #: Mas Pratt

Laboratory Name:

Laboratory Location:

Recovery Comments: 5,108 FT of G.I.P.



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GAS RATES

Vincent Oil Corp.

27-28s-23w Ford Co. Ks.

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Sandyland 3-27

ATTN: Jim Hall

Job Ticket: 64938

DST#: 3

Test Start: 2019.08.08 @ 04:39:02

Gas Rates Information

Temperature: 59 (deg F)
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
1	35	0.25	92.03	168.84
1	40	0.25	92.78	170.03
1	45	0.25	93.16	170.63
2	20	0.13	28.98	16.24
2	30	0.13	45.94	22.58
2	40	0.13	64.48	29.52
2	50	0.13	83.46	36.63
2	60	0.13	101.20	43.27
2	70	0.13	119.68	50.18
2	80	0.25	115.84	206.61
2	90	0.25	102.16	184.91

Serial #: 8931

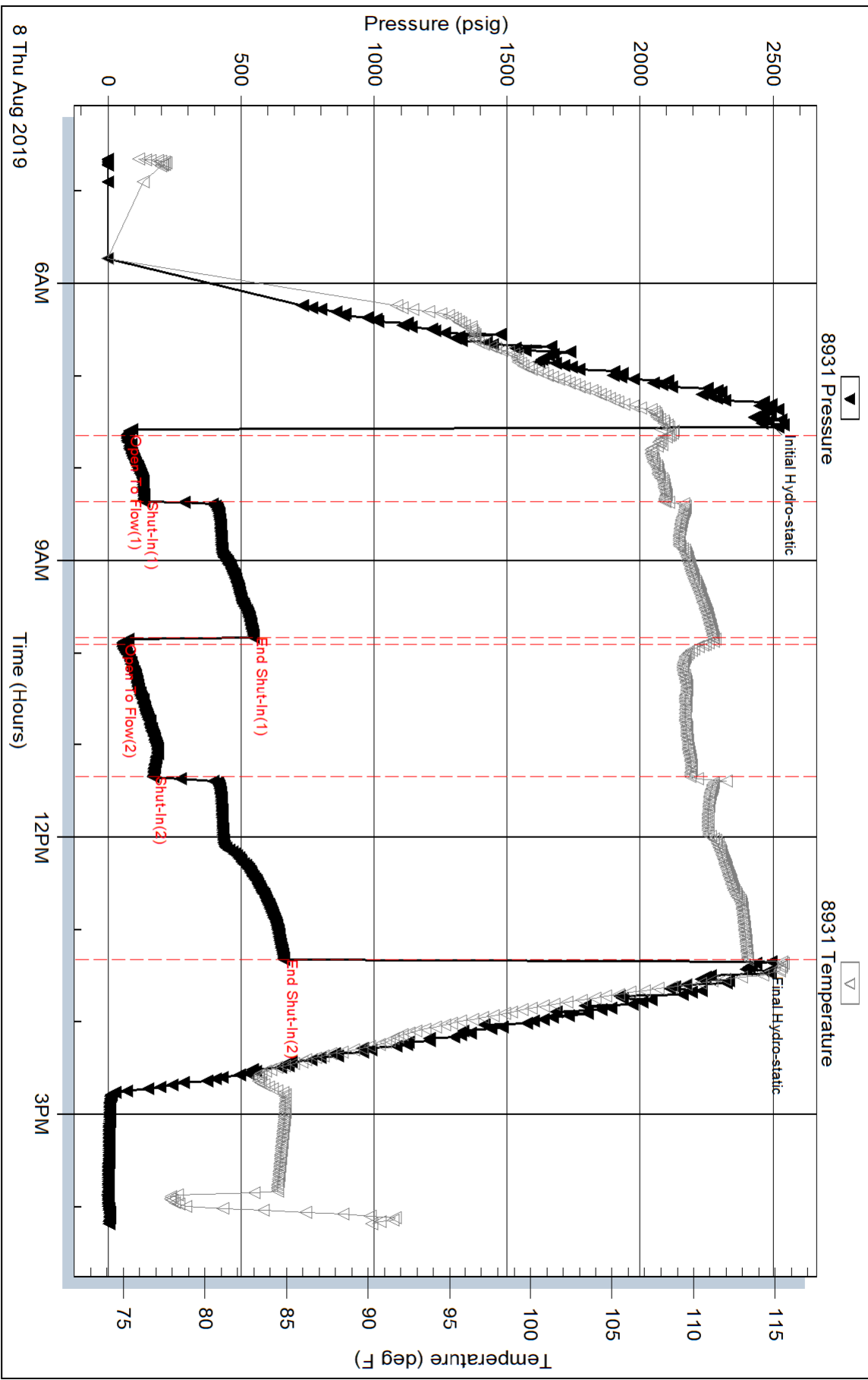
Inside

Vincent Oil Corp.

Sandyland 3-27

DST Test Number: 3

Pressure vs. Time



Serial #: 8788

Outside Vincent Oil Corp.

Sandyland 3-27

DST Test Number: 3

