



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Fourwinds Oil Corp.
PO Box 1063
Hays Ks. 67601
ATTN: Jeff Lawler

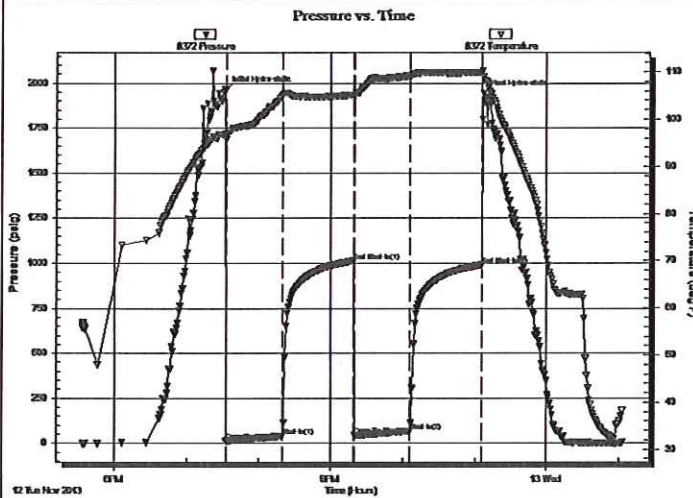
2-7s-24w Graham
Steelsmith #1
Job Ticket: 54337 DST#: 2
Test Start: 2013.11.12 @ 17:34:01

GENERAL INFORMATION:

Formation: **LKC"E,F"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 19:32:30
Time Test Ended: 01:02:30
Interval: **3869.00 ft (KB) To 3884.00 ft (KB) (TVD)**
Total Depth: **3884.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: Poor
Test Type: Conventional Bottom Hole (Reset)
Tester: Andy Carreira
Unit No: 68
Reference Elevations: 2511.00 ft (KB)
2506.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8372 Inside
Press@RunDepth: 67.20 psig @ 3870.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2013.11.12 End Date: 2013.11.13 Last Calib.: 2013.11.13
Start Time: 17:34:01 End Time: 01:02:30 Time On Btm: 2013.11.12 @ 19:32:00
Time Off Btm: 2013.11.12 @ 23:07:30

TEST COMMENT: IF:(45min) 1" blow in 4 min. 2" in 15 min. 3" in 25 min. Built to 3.75"
ISl:(60min) No Return
FF:(45min) 1" blow in 17 min. 2" in 41 min. Built to 2.25"
FSl:(60min) No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1958.42	96.83	Initial Hydro-static
1	13.12	95.74	Open To Flow (1)
48	40.38	105.15	Shut-In(1)
107	1013.02	105.16	End Shut-In(1)
108	43.11	104.73	Open To Flow (2)
154	67.20	109.21	Shut-In(2)
214	991.93	109.81	End Shut-In(2)
216	1941.24	108.94	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
90.00	MW w/ oil spcks in tool	0.44

* Recovery from multiple tests

Gas Rates

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



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FLUID SUMMARY

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2-7s-24w Graham

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Steelsmith #1

Job Ticket: 54337

DST#: 2

ATTN: Jeff Lawler

Test Start: 2013.11.12 @ 17:34:01

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:	81000 ppm
Viscosity: 50.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.76 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 400.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
90.00	MW w/ oil spcks in tool	0.443

Total Length: 90.00 ft Total Volume: 0.443 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: Resistivity - .33 @ 21 deg = 81000

Serial #: 8372

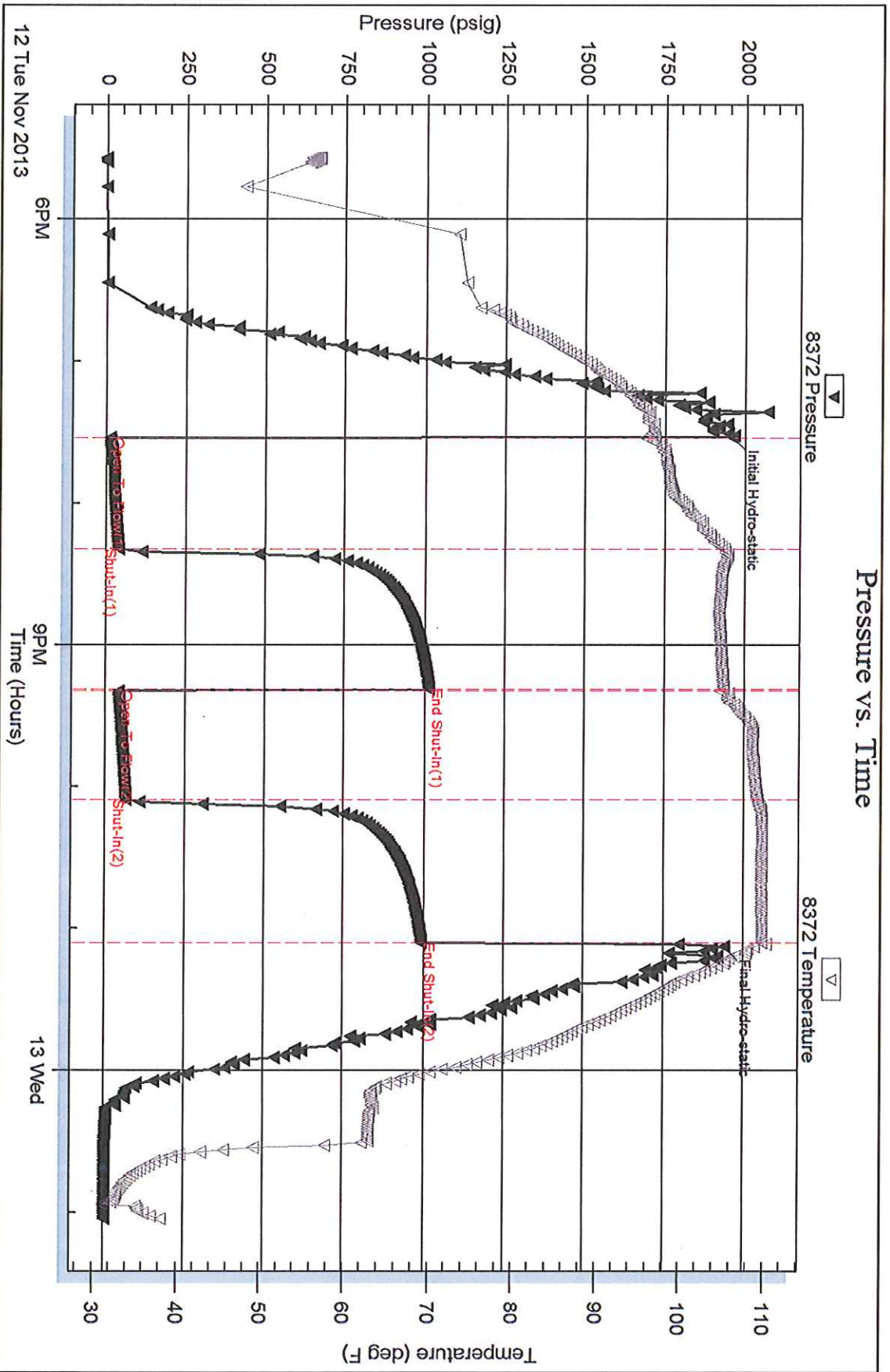
Inside

Fourwinds Oil Corp.

Steelsmith #1

DST Test Number: 2

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 54337

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