



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Sandlin Oil Corporation

**22 12s 18w Ellis**

621 17th St Ste 2055  
Denver CO 80293-2001

**McRae- Werth #1**

Job Ticket: 64928

**DST#: 1**

ATTN: Herb Deines

Test Start: 2016.06.06 @ 13:33:00

## GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:54:30

Time Test Ended: 18:23:00

Test Type: Conventional Straddle (Initial)

Tester: Jim Svaty

Unit No: 76

**Interval: 3640.00 ft (KB) To 3686.00 ft (KB) (TVD)**

Reference Elevations: 2165.00 ft (KB)

Total Depth: 3790.00 ft (KB) (TVD)

2159.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 6.00 ft

**Serial #: 8289 Outside**

Press@RunDepth: 261.35 psig @ 3645.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2016.06.06

End Date:

2016.06.06

Last Calib.:

2016.06.06

Start Time: 13:33:02

End Time:

18:23:00

Time On Btm:

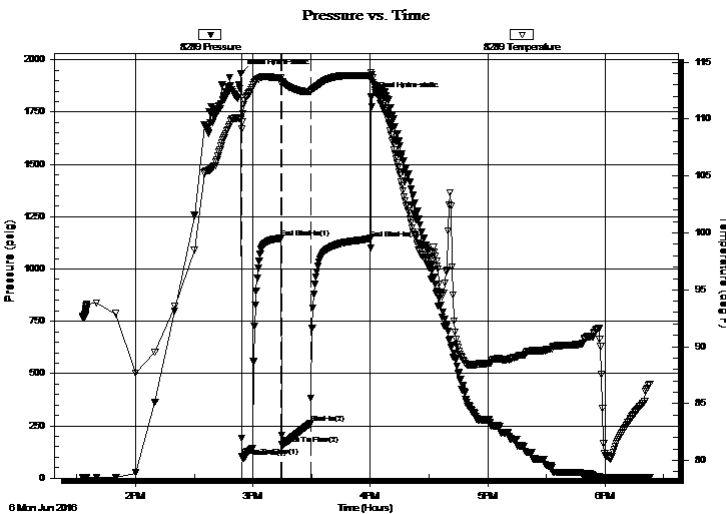
2016.06.06 @ 14:54:00

Time Off Btm:

2016.06.06 @ 16:00:30

**TEST COMMENT:** 5-IFP- BOB IN 2min.  
15-ISIP- No Blow  
15-FFP- BOB in 2 1/2min.  
30-FSIP- Surface Blow Died in 12min.

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1935.54	110.01	Initial Hydro-static
1	104.16	109.73	Open To Flow (1)
6	141.15	112.78	Shut-In(1)
21	1147.00	113.62	End Shut-In(1)
21	163.20	113.28	Open To Flow (2)
36	261.35	112.44	Shut-In(2)
66	1145.49	113.79	End Shut-In(2)
67	1821.94	114.11	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
380.00	CO 100%	5.33
166.00	MCO 20% m 80%o	2.33
0.00	GIP 145	0.00

## Gas Rates

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



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 621 17th St Ste 2055  
 Denver CO 80293-2001  
 ATTN: Herb Deines

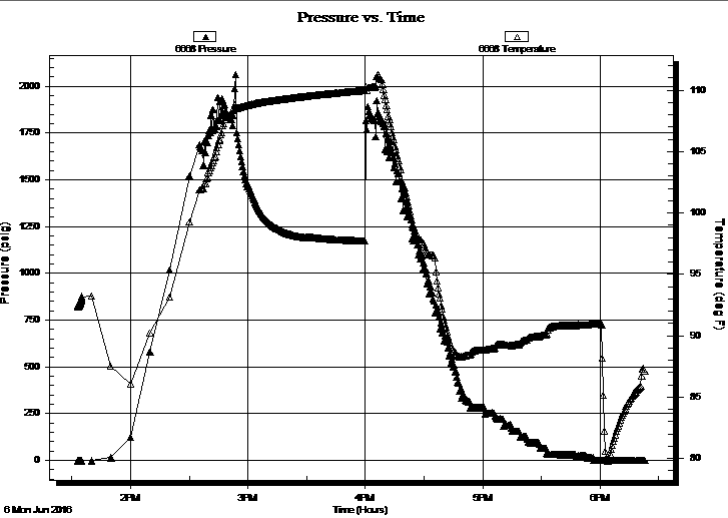
**22 12s 18w Ellis**  
**McRae- Werth #1**  
 Job Ticket: 64928      **DST#: 1**  
 Test Start: 2016.06.06 @ 13:33:00

**GENERAL INFORMATION:**

Formation: **Arbuckle**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 14:54:30  
 Time Test Ended: 18:23:00  
**Interval: 3640.00 ft (KB) To 3686.00 ft (KB) (TVD)**  
 Total Depth: 3790.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Straddle (Initial)  
 Tester: Jim Svaty  
 Unit No: 76  
 Reference Elevations: 2165.00 ft (KB)  
 2159.00 ft (CF)  
 KB to GR/CF: 6.00 ft

**Serial #: 6668 Below (Straddle)**  
 Press@RunDepth: psig @ 3690.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2016.06.06 End Date: 2016.06.06 Last Calib.: 2016.06.06  
 Start Time: 13:33:02 End Time: 18:22:45 Time On Btm:  
 Time Off Btm:

**TEST COMMENT:** 5-IFP- BOB IN 2min.  
 15-ISIP- No Blow  
 15-FFP- BOB in 2 1/2min.  
 30-FSIP- Surface Blow Died in 12min.



**PRESSURE SUMMARY**

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

**Recovery**

Length (ft)	Description	Volume (bbl)
380.00	CO 100%	5.33
166.00	MCO 20% m 80%o	2.33
0.00	GIP 145	0.00

**Gas Rates**

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



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# DRILL STEM TEST REPORT

## FLUID SUMMARY

Sandlin Oil Corporation

**22 12s 18w Ellis**

621 17th St Ste 2055  
Denver CO 80293-2001

**McRae- Werth #1**

Job Ticket: 64928

**DST#: 1**

ATTN: Herb Deines

Test Start: 2016.06.06 @ 13:33:00

### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

20 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 3.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
380.00	CO 100%	5.330
166.00	MCO 20% m 80% o	2.329
0.00	GIP 145	0.000

Total Length: 546.00 ft

Total Volume: 7.659 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

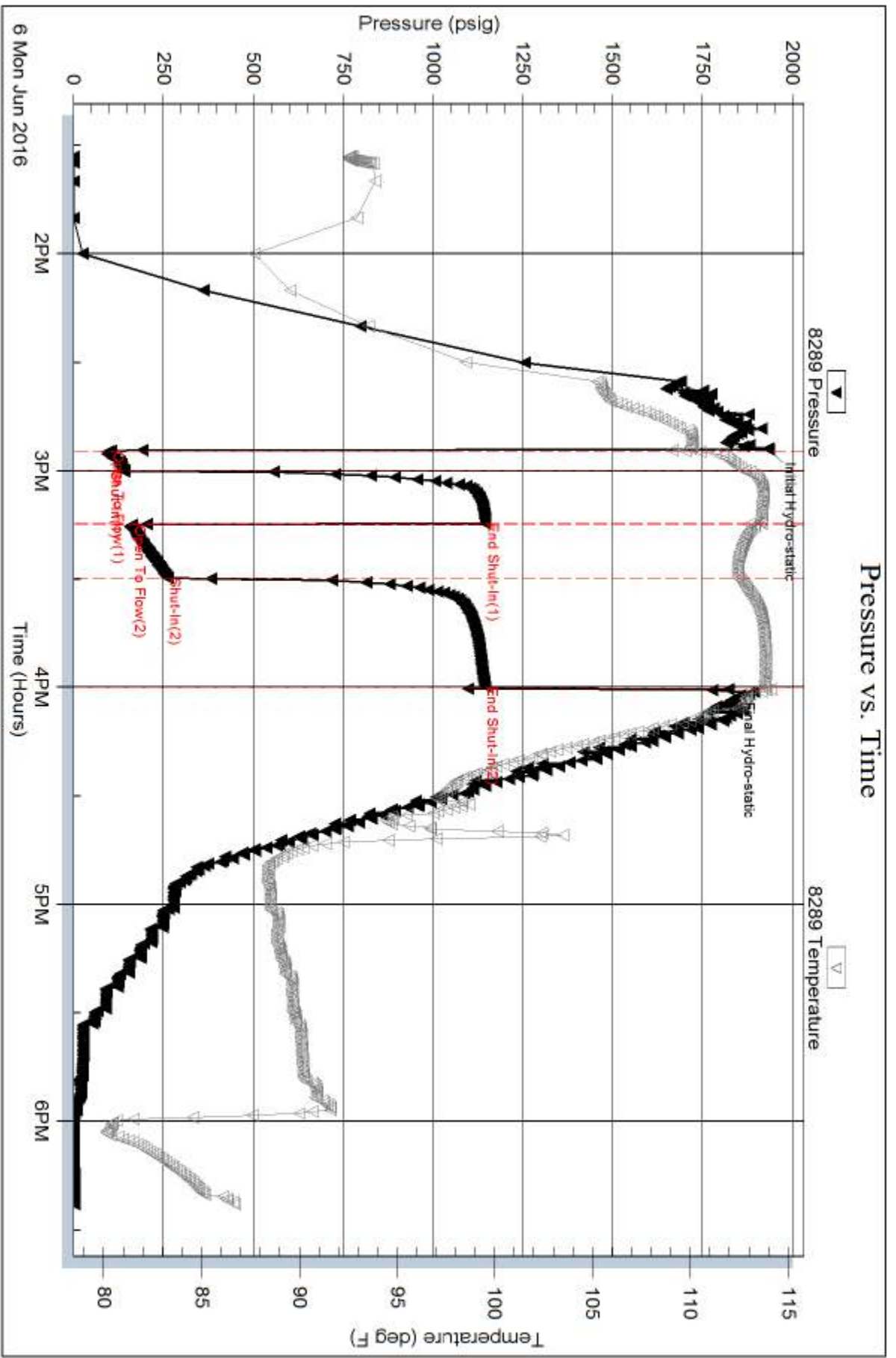
Recovery Comments:

Serial #: 8289

Outside Sandlin Oil Corporation

McRae-Werth #1

DST Test Number: 1

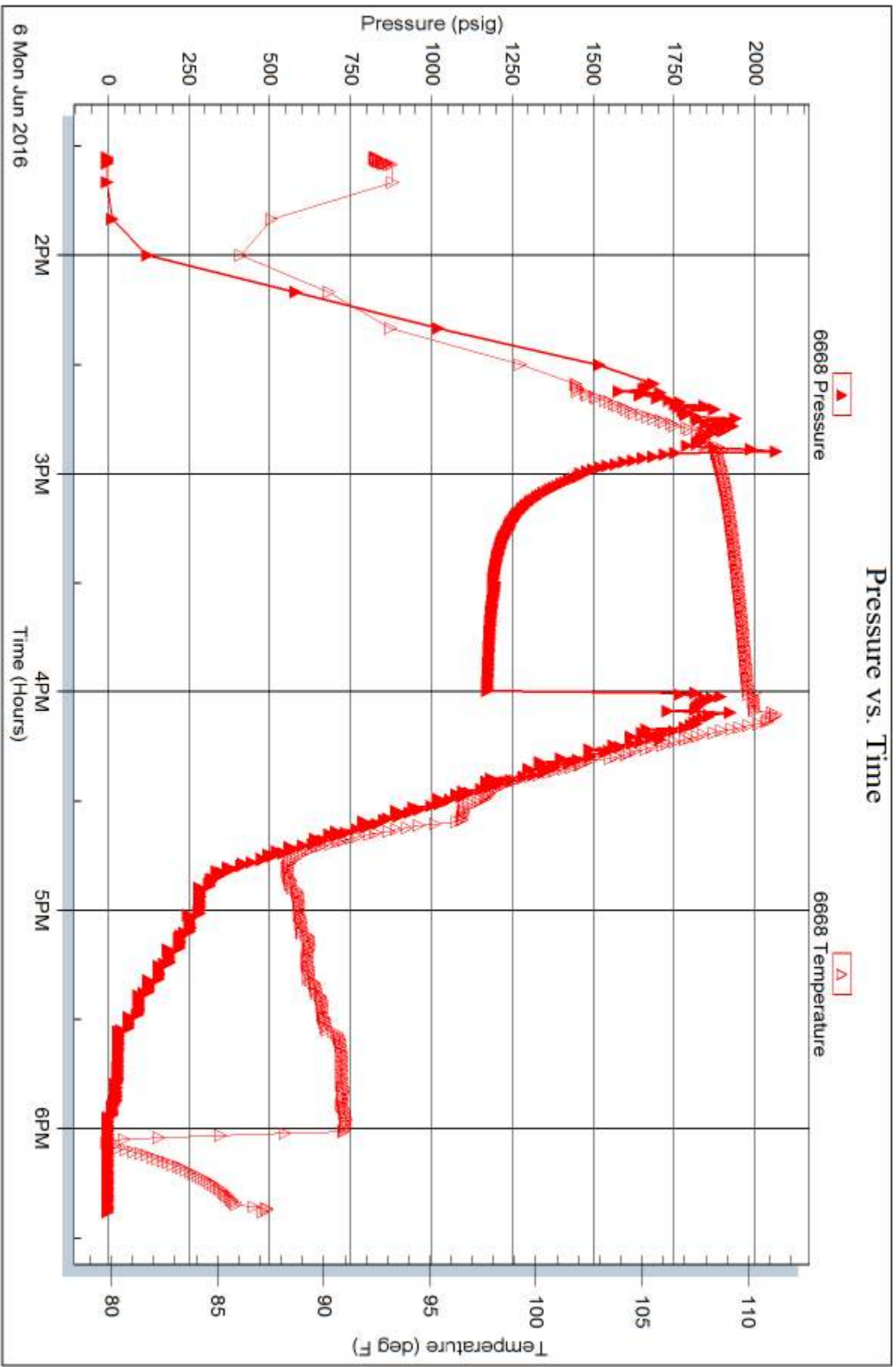


Serial #: 6668

Below (Stratton) Oil Corporation

McRae- Werth #1

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 64928

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