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**DRILL STEM TEST REPORT**

Prepared For: **Sandlin Oil Corp**  
621 17th #2055  
Denver CO 80293

ATTN: Gary Sandlin

**15 12s 18w Ellis KS**

**Staab-Karlin #1**

Start Date: 2010.11.21 @ 14:14:27  
End Date: 2010.11.21 @ 19:29:42  
Job Ticket #: 40895                      DST #: 1

Trilobite Testing, Inc  
PO Box 1733 Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

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Sandlin Oil Corp  
Staab-Karlin #1  
15 12s 18w Ellis KS  
DST # 1  
Arbuckle  
2010.11.21



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Sandlin Oil Corp

**Staab-Karlin #1**

621 17th #2055  
Denver CO 80293

**15 12s 18w Ellis KS**

Job Ticket: 40895

**DST#: 1**

ATTN: Gary Sandlin

Test Start: 2010.11.21 @ 14:14:27

## GENERAL INFORMATION:

Formation: **Arbuckle**  
 Deviated: **No** Whipstock: **ft (KB)**  
 Time Tool Opened: 15:42:42  
 Time Test Ended: 19:29:42

Test Type: **Conventional Bottom Hole**  
 Tester: **Paul Simpson**  
 Unit No: **54**

Interval: **3660.00 ft (KB) To 3681.00 ft (KB) (TVD)**  
 Total Depth: **3681.00 ft (KB) (TVD)**  
 Hole Diameter: **7.88 inches** Hole Condition: **Good**

Reference Elevations: **2156.00 ft (KB)**  
**2151.00 ft (CF)**  
 KB to GR/CF: **5.00 ft**

## Serial #: 8673

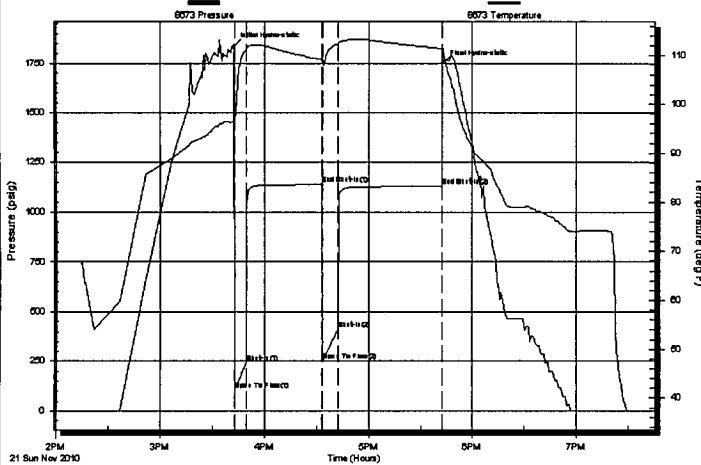
**Inside**

Press@RunDepth: **411.65 psig @ 3663.00 ft (KB)**  
 Start Date: **2010.11.21** End Date: **2010.11.21**  
 Start Time: **14:14:29** End Time: **19:29:42**

Capacity: **8000.00 psig**  
 Last Calib.: **2010.11.21**  
 Time On Btm: **2010.11.21 @ 15:42:27**  
 Time Off Btm: **2010.11.21 @ 17:42:42**

**TEST COMMENT:** IF- strong blow BOB in 1 minute  
 IS- surface  
 FF- strong blow BOB in 1 minute  
 FSI- weak 1/8" blow

Pressure vs. Time



## PRESSURE SUMMARY

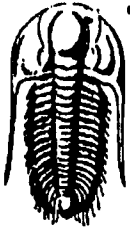
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1836.69	96.52	Initial Hydro-static
1	106.45	95.76	Open To Flow (1)
7	241.03	111.19	Shut-In(1)
51	1139.29	109.26	End Shut-In(1)
51	250.29	108.74	Open To Flow (2)
60	411.65	112.35	Shut-In(2)
120	1130.50	111.44	End Shut-In(2)
121	1750.21	111.67	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
990.00	gassy oil 15% gas 85% oil	13.89
30.00	Muddy oil 10% mud 90% oil	0.42
0.00	240'GIP	0.00

## Gas Rates

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



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**TOOL DIAGRAM**

Sandlin Oil Corp

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Job Ticket: 40895

DST#: 1

Test Start: 2010.11.21 @ 14:14:27

**Tool Information**

Drill Pipe:	Length: 3642.00 ft	Diameter: 3.80 inches	Volume: 51.09 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 52000.00 lb
			<b>Total Volume: 51.09 bbl</b>	Tool Chased ft
Drill Pipe Above KB:	3.00 ft			String Weight: Initial 46000.00 lb
Depth to Top Packer:	3660.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	21.00 ft			
Tool Length:	42.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:  
times 5-45-10-60

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3640.00	
Shut In Tool	5.00			3645.00	
Hydraulic tool	5.00			3650.00	
Packer	5.00			3655.00	21.00 Bottom Of Top Packer
Packer	5.00			3660.00	
Stubb	1.00			3661.00	
Perforations	2.00			3663.00	
Recorder	0.00	8673	Inside	3663.00	
Recorder	0.00	6755	Outside	3663.00	
Perforations	15.00			3678.00	
Bullnose	3.00			3681.00	21.00 Bottom Packers & Anchor

**Total Tool Length: 42.00**



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**FLUID SUMMARY**

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Test Start: 2010.11.21 @ 14:14:27

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

31 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 69.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
990.00	gassy oil 15%gas 85% oil	13.887
30.00	Muddy oil 10% mud 90% oil	0.421
0.00	240'GIP	0.000

Total Length: 1020.00 ft      Total Volume: 14.308 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 29@40=31

