

ORIGINAL

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
October 2008  
Form Must Be Typed

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

\*MISSING SIDE 2  
(rec'd 1/28/10)

OPERATOR: License # 6677  
Name: Sandlin Oil Corporation  
Address 1: 621 17th. Street, Suite 2055  
Address 2: \_\_\_\_\_  
City: Denver State: CO Zip: 80293 + \_\_\_\_\_  
Contact Person: Gary Sandlin  
Phone: (303) 292-3313  
CONTRACTOR: License # 33905  
Name: Royal Drilling, Inc.  
Wellsite Geologist: Jim Musgrove  
Purchaser: \_\_\_\_\_

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Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  SWD  SIOW  
 Gas  ENHR  SIGW  
 CM (Coal Bed Methane)  Temp. Abd.  
 Dry  Other \_\_\_\_\_  
(Core, WSW, Expl., Cathodic, etc.)

If Workover/Re-entry: Old Well Info as follows:  
Operator: \_\_\_\_\_  
Well Name: \_\_\_\_\_  
Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_  
 Deepening  Re-perf.  Conv. to Enhr.  Conv. to SWD  
 Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_  
 Commingled Docket No.: \_\_\_\_\_  
 Dual Completion Docket No.: \_\_\_\_\_  
 Other (SWD or Enhr.?) Docket No.: \_\_\_\_\_  

11/18/2009	11/24/2009	11/24/2009
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 065-23586-00-00  
Spot Description: \_\_\_\_\_  
NE NE SW NW Sec. 12 Twp. 9 S. R. 25  East  West  
1515 Feet from  North /  South Line of Section  
1110 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW  
County: Graham  
Lease Name: Clark Well #: 2  
Field Name: Shiloh South  
Producing Formation: \_\_\_\_\_  
Elevation: Ground: 2502' Kelly Bushing: 2507'  
Total Depth: 4090' Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at: 220 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set: \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from: \_\_\_\_\_  
feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan AH II NR 2-10-10  
(Data must be collected from the Reserve Pit)  
Chloride content: 33,000 ppm Fluid volume: 400 bbls  
Dewatering method used: Allow to dry and backfill  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: Gary Sandlin  
Title: President Date: 1-19-2010  
Subscribed and sworn to before me this 19<sup>th</sup> day of January,  
20 10  
Notary Public: Linda Plouffe  
Date Commission Expires: October 2, 2010

**KCC Office Use ONLY**

Letter of Confidentiality Received  
 If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

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Operator Name: Sandlin Oil Corporation Lease Name: Clark Well #: 2  
 Sec. 12 Twp. 9 S. R. 25  East  West County: Graham

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i>  List All E. Logs Run: <b>Dual Induction</b> <b>Compensated Neutron/Density</b>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:70%;">Name</td> <td style="width:15%;">Top</td> <td style="width:15%;">Datum</td> </tr> <tr> <td>Anhydrite</td> <td>2185'</td> <td>+322</td> </tr> <tr> <td>Topeka</td> <td>3585</td> <td>-1078</td> </tr> <tr> <td>Heebner</td> <td>3798</td> <td>-1291</td> </tr> <tr> <td>Toronto</td> <td>3825</td> <td>-1318</td> </tr> <tr> <td>Lansing</td> <td>3835</td> <td>-1328</td> </tr> <tr> <td>Base Kansas City</td> <td>4058</td> <td>-1551</td> </tr> <tr> <td>Log Total Depth</td> <td>4079</td> <td>-1572</td> </tr> </table>	Name	Top	Datum	Anhydrite	2185'	+322	Topeka	3585	-1078	Heebner	3798	-1291	Toronto	3825	-1318	Lansing	3835	-1328	Base Kansas City	4058	-1551	Log Total Depth	4079	-1572
Name	Top	Datum																							
Anhydrite	2185'	+322																							
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Log Total Depth	4079	-1572																							

CASING RECORD <input type="checkbox"/> New <input checked="" type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12-1/4	8-5/8	20	220	Common	150	2% gel

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth
		<div style="border: 1px solid black; padding: 5px; display: inline-block;"> <b>RECEIVED</b>  <b>JAN 28 2010</b>  <b>KCC WICHITA</b> </div>	

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Date of First, Resumed Production, SWD or Enhr. _____		Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____	
Estimated Production Per 24 Hours	Oil Bbls. _____	Gas Mcf _____	Water Bbls. _____ Gas-Oil Ratio _____ Gravity _____

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	<b>PRODUCTION INTERVAL:</b> _____ _____
--------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------



# ALLIED CEMENTING CO., LLC. 044347

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT: Oakley, KS

DATE <u>11/24/09</u>	SEC <u>A12</u>	TWP. <u>259</u>	RANGE <u>1E25</u>	CALLED OUT	ON LOCATION <u>8:00 AM</u>	JOB START <u>1:30</u>	JOB FINISH <u>2:30</u>
LEASE <u>Clark</u>	WELL # <u>2</u>	LOCATION <u>ST Peter, NW 1/4 E S12</u>		COUNTY <u>Cherokee</u>	STATE <u>KS</u>		
OLD OR NEW (Circle one)							

CONTRACTOR <u>Royal #1</u>	OWNER <u>Same</u>
TYPE OF JOB <u>PTA</u>	CEMENT
HOLE SIZE <u>2 1/8</u>	AMOUNT ORDERED <u>220 SK, 60/100 40oz gel</u>
CASING SIZE	<u>4 1/2 Flt Seal</u>
TUBING SIZE	
DRILL PIPE <u>4 1/2</u>	
TOOL	
PRES. MAX	
MEAS. LINE	
CEMENT LEFT IN CSG.	
PERFS.	
DISPLACEMENT	

COMMON	<u>132</u>	@	<u>15.45</u>	<u>2039.40</u>
POZMIX	<u>88</u>	@	<u>8.00</u>	<u>704.00</u>
GEL	<u>8</u>	@	<u>20.00</u>	<u>160.00</u>
CHLORIDE		@		
ASC		@		
<u>Flt Seal 55lb</u>		@	<u>2.20</u>	<u>137.50</u>
HANDLING <u>230 SK</u>		@	<u>2.40</u>	<u>552.00</u>
MILEAGE <u>105.4 mi</u>		@		<u>142.60</u>
				<u>TOTAL 2225.90</u>

**EQUIPMENT**

PUMP TRUCK CEMENTER Alan  
# 422 HELPER Wayne  
BULK TRUCK  
# 377 DRIVER LaRene  
BULK TRUCK  
# DRIVER

**REMARKS:**

25 - 2021'  
100 - 13.15'  
40 - 270'  
10 - 40'  
30 - R. Hole  
15 - M. Hole

Frank  
Alan, Wayne, LaRene

CHARGE TO: Sandline Oil Corp

STREET \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

**SERVICE**

DEPTH OF JOB	<u>2221'</u>
PUMP TRUCK CHARGE	<u>185.00</u>
EXTRA FOOTAGE	@
MILEAGE	<u>60</u> @ <u>2.40</u> = <u>144.00</u>
MANIFOLD	@
RECEIVED	@
<u>TOTAL 169.00</u>	

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PLUG & FLOAT EQUIPMENT

To Allied Cementing Co., LLC

Wayne @ 40.00

**JAMES C. MUSGROVE**

Petroleum Geologist  
P.O. Box 215  
212 Main St.  
Claflin, KS 67525

Office (620) 588-4250

Res. Claflin (620) 587-3444

Sandlin Oil Corporation  
Clark #2  
1515' FNL & 1100' FWL; Section 12-9s-25w  
Graham County, Kansas  
Page No. 1

**Dry and Abandoned**

**Contractor:** Royal Drilling Company (Rig #1)  
**Commenced:** November 18, 2009  
**Completed:** November 24, 2009  
**Elevation:** 2507' K.B.; 2505' D.F.; 2502' G.L.  
**Casing Program:** Surface; 8 5/8" @ 220'  
Production; none.  
**Samples:** Samples saved and examined 3400' to the Rotary Total Depth.  
**Drilling Time:** One (1) foot drilling time recorded and kept 3400' to the Rotary Total Depth.  
**Measurements:** All depths measured from the Kelly Bushing.  
**Drill Stem Tests:** There was one (1) Drill Stem Test ran by Trilobite Testing Co.  
**Electric Log:** By Superior Well Services.

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<u>Formation</u>	<u>Log Depth</u>	<u>Sub-Sea Datum</u>
Anhydrite	2185	+322
Base Anhydrite	2219	+288
Topeka	3585	-1078
Heebner	3798	-1291
Toronto	3825	-1318
Lansing	3835	-1328
Base Kansas City	4058	-1551
Rotary Total Depth	4090	-1583
Log Total Depth	4079	-1572

(All tops and zones corrected to Electric Log measurements).

**SAMPLE ANALYSIS, SHOWS OF OIL, TESTING DATA, ETC.**

**TOPEKA SECTION**

3585-3797' There were several zones encountered in the drilling of the Topeka Section but no shows of oil and/or gas was noted (see attached Drilling Time and Sample Log).

**TORONTO SECTION**

3825-3832' Limestone; white and gray, fine and medium crystalline, slightly cherty, no shows.

**LANSING SECTION**

- 3837-3846' Limestone; white and gray, oolitic, few sub oomoldic, chalky, scattered porosity, no shows.
- 3850-3856' Limestone; white/gray, slightly fossiliferous, cherty, no shows.
- 3868-3874' Limestone; white and gray, fossiliferous, chalky in part, scattered porosity, light brown stain, trace of free oil and no odor in fresh samples.

**Drill Stem Test #1**

**3852-3879'**

**Times: 15-30-15-45**  
**Blow: Weak**  
**Recovery: 25' mud, trace of oil**  
**Pressures: ISIP 429 psi**  
**FSIP 427 psi**  
**IFP 14-17 psi**  
**FFP 20-20 psi**  
**HSH 1864-1858 psi**

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- 3884-3894' Limestone; white, gray, slightly fossiliferous, sparry calcite cement, trace gray to brown stain, no show of free oil and questionable odor in fresh samples.
- 3894-3902' Limestone; as above, chalky.
- 3918-3926' Limestone; white, oolitic, sub oomoldic, chalky, trace spotty stain, trace of free oil and no odor in fresh samples.
- 3930-3940' Limestone; white, cream, oolitic, chalky, scattered porosity, trace stain, no show of free oil and no odor in fresh samples, poor porosity.
- 3946-3952' Limestone; white and gray, oolitic, fossiliferous, chalky, poor visible porosity, no shows, trace gray chert.
- 3976-3988' Limestone; tan, white, fossiliferous, few oolitic, poor visible porosity, black tarry stain, no show of free oil and no odor in fresh samples.
- 3995-4004' Limestone; tan, finely crystalline, slightly cherty, few scattered vuggy type porosity, brown stain, no show of free oil and questionable odor samples broken.
- 4010-4015' Limestone; white, cream, oolitic, chalky in part, fair brown to dark brown and gray stain and saturation, show of free oil and questionable odor in fresh samples.
- 4034-4040' Limestone; white/gray, fossiliferous, chalky, no shows.
- 4046-4050' Limestone; as above, no shows.

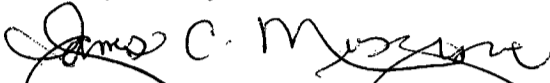
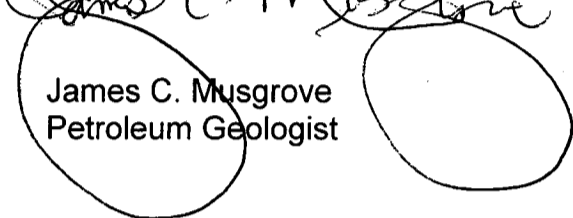
Sandlin Oil Corporation  
Clark #2  
1515' FNL & 1100' FWL; Section 12-9s-25w  
Graham County, Kansas  
Page No. 3

**Rotary Total Depth**            **4090 (-1583)**  
**Log Total Depth**             **4079 (-1572)**

**Recommendations**

On the basis of the negative Drill Stem Test and low structural position, it was recommended by all parties involved that the Clark #2 be plugged and abandoned at the Rotary Total Depth 4090 (-1583).

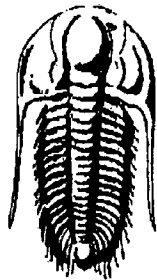
Respectfully submitted;

James C. Musgrove  
Petroleum Geologist



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KCC WICHITA



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **Sandlin Oil Corporation**

621 17 th St.  
Suite 2055  
Denver, CO 80293

ATTN: Jim Musgrove

**12 9S 25W Graham KS**

**Clark #2**

Start Date: 2009.11.23 @ 05:10:00

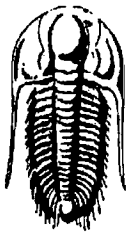
End Date: 2009.11.23 @ 10:53:00

Job Ticket #: 35628                      DST #: 1

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

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KCC WICHITA





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Sandlin Oil Corporation  
621 17 th St.  
Suite 2055  
Denver, CO 80293  
ATTN: Jim Musgrove

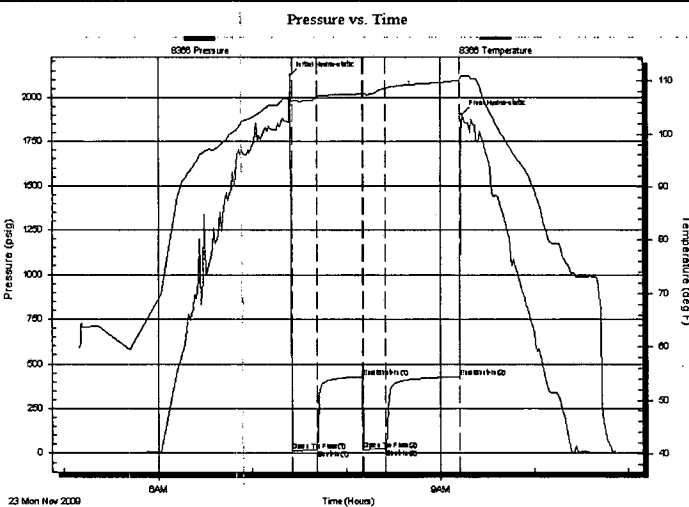
**Clark #2**  
**12 9S 25W Graham KS**  
Job Ticket: 35628      **DST#: 1**  
Test Start: 2009.11.23 @ 05:10:00

## GENERAL INFORMATION:

Formation: **LKC "B"**  
Deviated: No      Whipstock:      ft (KB)  
Time Tool Opened: 07:25:30  
Time Test Ended: 10:53:00  
Interval: **3852.00 ft (KB) To 3879.00 ft (KB) (TVD)**  
Total Depth: 3879.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches      Hole Condition: Fair  
Test Type: Conventional Bottom Hole  
Tester: James Winder  
Unit No: 46  
Reference Elevations: 2522.00 ft (KB)  
2512.00 ft (CF)  
KB to GR/CF: 10.00 ft

**Serial #: 8366      Inside**  
Press@RunDepth: 23.44 psig @ 3853.00 ft (KB)      Capacity: 8000.00 psig  
Start Date: 2009.11.23      End Date: 2009.11.23      Last Calib.: 2009.11.23  
Start Time: 05:10:05      End Time: 10:52:59      Time On Btm: 2009.11.23 @ 07:24:30  
Time Off Btm: 2009.11.23 @ 09:13:30

**TEST COMMENT:** IF: Blow built to 1 1/2"  
IS: Bled off, No blow back  
FF: Blow built to 1/2"  
FS: Bled off, No blow back



## PRESSURE SUMMARY

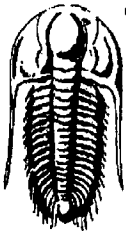
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2120.99	106.80	Initial Hydro-static
1	13.92	106.21	Open To Flow (1)
17	18.86	106.85	Shut-In(1)
46	428.52	107.65	End Shut-In(1)
47	19.74	107.51	Open To Flow (2)
61	23.44	108.61	Shut-In(2)
108	427.36	110.07	End Shut-In(2)
109	1903.78	110.90	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
25.00	Mud w/trace oil 100% <sub>m</sub>	0.35

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**TOOL DIAGRAM**

Sandlin Oil Corporation

**Clark #2**

621 17 th St.  
Suite 2055  
Denver, CO 80293  
ATTN: Jim Musgrove

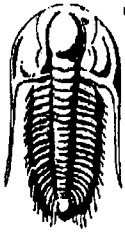
**12 9S 25W Graham KS**  
Job Ticket: 35628      **DST#: 1**  
Test Start: 2009.11.23 @ 05:10:00

**Tool Information**

Drill Pipe:	Length: 3846.00 ft	Diameter: 3.80 inches	Volume: 53.95 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 52000.00 lb
			<u>Total Volume: 53.95 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	14.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	3852.00 ft			Final 40000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	27.00 ft			
Tool Length:	47.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
S.I. Tool	5.00			3837.00	
HYD S.I. Tool	5.00			3842.00	
Packer	5.00			3847.00	20.00      Bottom Of Top Packer
Packer	5.00			3852.00	
Stubb	1.00			3853.00	
Recorder	0.00	8366	Inside	3853.00	
Recorder	0.00	8320	Inside	3853.00	
Perforations	23.00			3876.00	
Bullnose	3.00			3879.00	27.00      Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>47.00</b>				



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Sandlin Oil Corporation

**Clark #2**

621 17 th St.  
Suite 2055  
Denver, CO 80293  
ATTN: Jim Musgrove

**12 9S 25W Graham KS**  
Job Ticket: 35628      **DST#: 1**  
Test Start: 2009.11.23 @ 05:10:00

**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:	ppm
Viscosity: 48.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.77 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 2000.00 ppm			
Filter Cake: 1.00 inches			

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
25.00	Mud w /trace oil 100%m	0.351

Total Length: 25.00 ft      Total Volume: 0.351 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
 Laboratory Name:      Laboratory Location:  
 Recovery Comments:

