

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
June 2009

Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

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: James Musgrove
Purchaser: NCRA

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
 Gas D&A ENHR SIGW
 OG GSW Temp. Abd.
 CM (Coal Bed Methane)
 Cathodic Other (Core, Expl., 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
 Conv. to GSW
- Plug Back: _____ Plug Back Total Depth _____
 Commingled Permit #: _____
 Dual Completion Permit #: _____
 SWD Permit #: _____
 ENHR Permit #: _____
 GSW Permit #: _____

11/16/2010	11/22/2010	1/1/2011
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 051-26057-00-00

Spot Description: _____
SE SW SE NE Sec. 15 Twp. 12 S. R. 18 East West
2,500 Feet from North / South Line of Section
850 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: Ellis

Lease Name: Staab-Karlin Well #: 1

Field Name: Bemis-Shutts

Producing Formation: Arbuckle

Elevation: Ground: 2151' Kelly Bushing: 2158'

Total Depth: 3750' Plug Back Total Depth: 3698'

Amount of Surface Pipe Set and Cemented at: 225 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: 2021

feet depth to: 0 w/ 385 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 72,000 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 #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

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.

AFFIDAVIT

I am the affiant and I hereby certify that 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: Sandlin Oil Corporation, President Date: 3/3/2011

KCC Office Use ONLY

- Letter of Confidentiality Received
Date: _____
- Confidential Release Date: MAR 07 2011
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: Dg Date: 3/9/11

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Operator Name: Sandlin Oil Corporation Lease Name: Staab-Karin Well #: 1
 Sec. 15 Twp. 12 S. R. 18 East West County: Ellis

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 complete copy of all Electric Wire-line 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 Electric Log Submitted Electronically <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: DIL, CDL/CNL, Sonic Log, Micro Log	<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:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Anhydrite</td> <td>1429</td> <td>+731</td> </tr> <tr> <td>Heebner</td> <td>3357</td> <td>-1199</td> </tr> <tr> <td>Lansing</td> <td>3402</td> <td>-1244</td> </tr> <tr> <td>Base Kansas City</td> <td>3664</td> <td>-1506</td> </tr> <tr> <td>Arbuckle</td> <td>3671</td> <td>-1513</td> </tr> </table>	Name	Top	Datum	Anhydrite	1429	+731	Heebner	3357	-1199	Lansing	3402	-1244	Base Kansas City	3664	-1506	Arbuckle	3671	-1513
Name	Top	Datum																	
Anhydrite	1429	+731																	
Heebner	3357	-1199																	
Lansing	3402	-1244																	
Base Kansas City	3664	-1506																	
Arbuckle	3671	-1513																	

CASING RECORD <input checked="" type="checkbox"/> New <input 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	23	225	Common	150	2% Gel
Production	7-7/8	5-1/2	15.5	3756	Common	150	10% salt, 2% gel
Port Collar	7-7/8	5-1/2		2021	Lite	385	FloSeal

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
8	3701-3703		
8	3672-3674 - Bridge Plug @ 3698		

TUBING RECORD: Size: <u>2-3/8</u> Set At: <u>3695</u> Packer At:		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR: <u>1/1/2011</u>	Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____	
Estimated Production Per 24 Hours	Oil Bbbs. <u>100</u>	Gas Mcf <u>0</u> Water Bbbs. _____ Gas-Oil Ratio _____ Gravity _____

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <div style="text-align: center; border: 1px solid black; padding: 5px;"> RECEIVED MAR 07 2011 </div>
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ALLIED CEMENTING CO., LLC. 034000

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

SERVICE POINT:
Russell KS

DATE <u>11-22-10</u>	SEC. <u>15</u>	TWP. <u>12</u>	RANGE <u>18</u>	CALLED OUT	ON LOCATION	JOB START <u>11:30pm</u>	JOB FINISH <u>12:00am</u>
LEASE <u>Stabb-Kerlin</u>		WELL # <u>1</u>	LOCATION <u>Buckeye Rd East 1/2 North</u>		COUNTY <u>Ellis</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)			<u>West into</u>				

CONTRACTOR Royal Rig #2
 TYPE OF JOB Production String
 HOLE SIZE 7 7/8 T.D. 3750'
 CASING SIZE 5 1/2 15.5# DEPTH 3756'
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL Port Collar DEPTH 2000'
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT 19.7'
 CEMENT LEFT IN CSG. 19.7'
~~PERF.~~ Insert @ 3736'
 DISPLACEMENT 88.9 BBL

OWNER _____
 CEMENT AMOUNT ORDERED 150 com 10% Salt 2% Gel
500 gal WFR-2

COMMON	<u>150</u>	@	<u>13.50</u>	<u>2025.00</u>
POZMIX		@		
GEL	<u>3</u>	@	<u>20.25</u>	<u>60.75</u>
CHLORIDE		@		
ASC		@		
<u>Salt</u>	<u>6</u>	@	<u>21.25</u>	<u>127.50</u>
<u>WFR-2</u>	<u>500</u>	@	<u>1.10</u>	<u>550.00</u>
		@		
		@		
		@		
		@		
HANDLING	<u>150</u>	@	<u>2.25</u>	<u>337.50</u>
MILEAGE	<u>110 BBL/mile</u>			<u>300.00</u>
				TOTAL <u>3400.75</u>

EQUIPMENT _____
 PUMP TRUCK CEMENTER John Roberts
 # 398 HELPER Richard
 BULK TRUCK _____
 # 410 DRIVER Kevin
 BULK TRUCK _____
 # _____ DRIVER _____

REMARKS:

Ran 3756' 5 1/2 15.5# casing set 5' off bottom. Est. Circulation and circulate 20 min on bottom. Pump 500gal WFR-2 Plug Rathole & Mouse hole w/ 45 sk Cement. Mix 105 sk cement and displace plug w/ 89 BBL H₂O. Land Plug @ 950psi Float Did Add.
 Thank You!

CHARGE TO: Sandlin Oil
 STREET _____
 CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB	_____		
PUMP TRUCK CHARGE			<u>1957.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>7</u>	@	<u>2.00</u> <u>49.00</u>
MANIFOLD		@	
		@	
		@	
TOTAL <u>2006.00</u>			

5 1/2 PLUG & FLOAT EQUIPMENT

<u>Rubber Plug</u>			<u>43.00</u>
<u>Port Collar</u>	@		<u>1750.00</u>
<u>Guide Shoe</u>	@		<u>101.00</u>
<u>Insert AFU</u>	@		<u>112.00</u>
<u>2-Cement Baskets</u>	@	<u>161.00</u>	<u>322.00</u>
<u>3-Centralizers</u>	@	<u>35.00</u>	<u>105.00</u>
TOTAL <u>2437.00</u>			

To Allied Cementing Co., LLC.
 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

SALES TAX (If Any) _____
 TOTAL CHARGES _____
 DISCOUNT _____ IF PAID IN 30 DAYS

PRINTED NAME Fred Barber
 SIGNATURE Fred Barber

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ALLIED CEMENTING CO., LLC. 33722

PO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Russell

DATE <u>11-26-10</u>	SEC. <u>15</u>	TWP. <u>12</u>	RANGE <u>18</u>	CALLED OUT	ON LOCATION	JOB START <u>8:00 PM</u>	JOB FINISH <u>1:00 PM</u>
LEASE <u>Stgab-Karlin</u>	WELL # <u>L</u>	LOCATION <u>HAYS & N 1/2 IN</u>			COUNTY <u>Ellis</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one) <u>NEW</u>							

CONTRACTOR Express
 TYPE OF JOB Port collar Top Stage
 HOLE SIZE 7 7/8 T.D.
 CASING SIZE 5 1/2 DEPTH
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSG.
 PERFS.
 DISPLACEMENT

OWNER
 CEMENT
 AMOUNT ORDERED
385 lbs 1/2 P/O
 COMMON @
 POZMIX @
 GEL @
 CHLORIDE @
 ASC @

EQUIPMENT

PUMP TRUCK CEMENTER Bill
 # 398 HELPER Rich
 BULK TRUCK
 # 473 DRIVER Kevin
 BULK TRUCK
 # DRIVER

<u>Lite</u>	<u>385</u>	@	<u>11.85</u>	<u>4562.25</u>
<u>Fl. Seal</u>	<u>96 #</u>	@	<u>2.45</u>	<u>235.20</u>
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>385</u>	@	<u>2.25</u>	<u>866.25</u>
MILEAGE	<u>10/sk/mile</u>			<u>385.00</u>
TOTAL				<u>6048.70</u>

REMARKS:

PORT COLLAR e 2021
TEST 1000# OK
Cement w/ 385 lbs Cement
Close tool - wash clean
press to 1000 #
pull Tub.
Cement did EIRU.
Bill RLe:Kon
Frank Barber
 CHARGE TO: Sandlin

SERVICE

DEPTH OF JOB				
PUMP TRUCK CHARGE			<u>991.00</u>	
EXTRA FOOTAGE	@			
MILEAGE	<u>10</u>	@	<u>70.00</u>	
MANIFOLD	@			
	@			
	@			
TOTAL				<u>1061.00</u>

STREET _____
 CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

To Allied Cementing Co., LLC.
 You are hereby requested to rent cementing equipment
 and furnish cementer and helper(s) to assist owner or

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 @
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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**

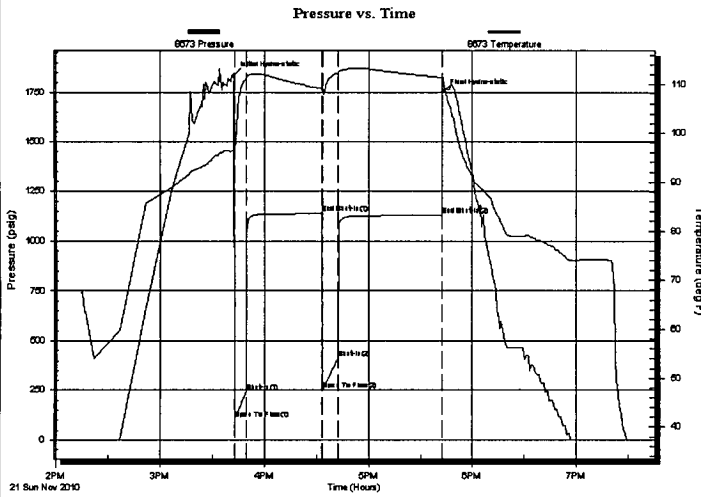
Serial #: 8673

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 SUMMARY

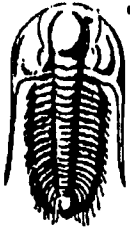
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1836.69	96.52	Initial Hydro-static
1	106.45	95.76	Open To Flow (1)
7	241.03	111.19	Shut-In(1)
51	1139.29	109.26	End Shut-In(1)
51	250.29	108.74	Open To Flow (2)
60	411.65	112.35	Shut-In(2)
120	1130.50	111.44	End Shut-In(2)
121	1750.21	111.67	Final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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Sandlin Oil Corp

Staab-Karlin #1

621 17th #2055
Denver CO 80293

15 12s 18w Ellis KS

ATTN: Gary Sandlin

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
			Total Volume: 51.09 bbl	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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

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

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 in³

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

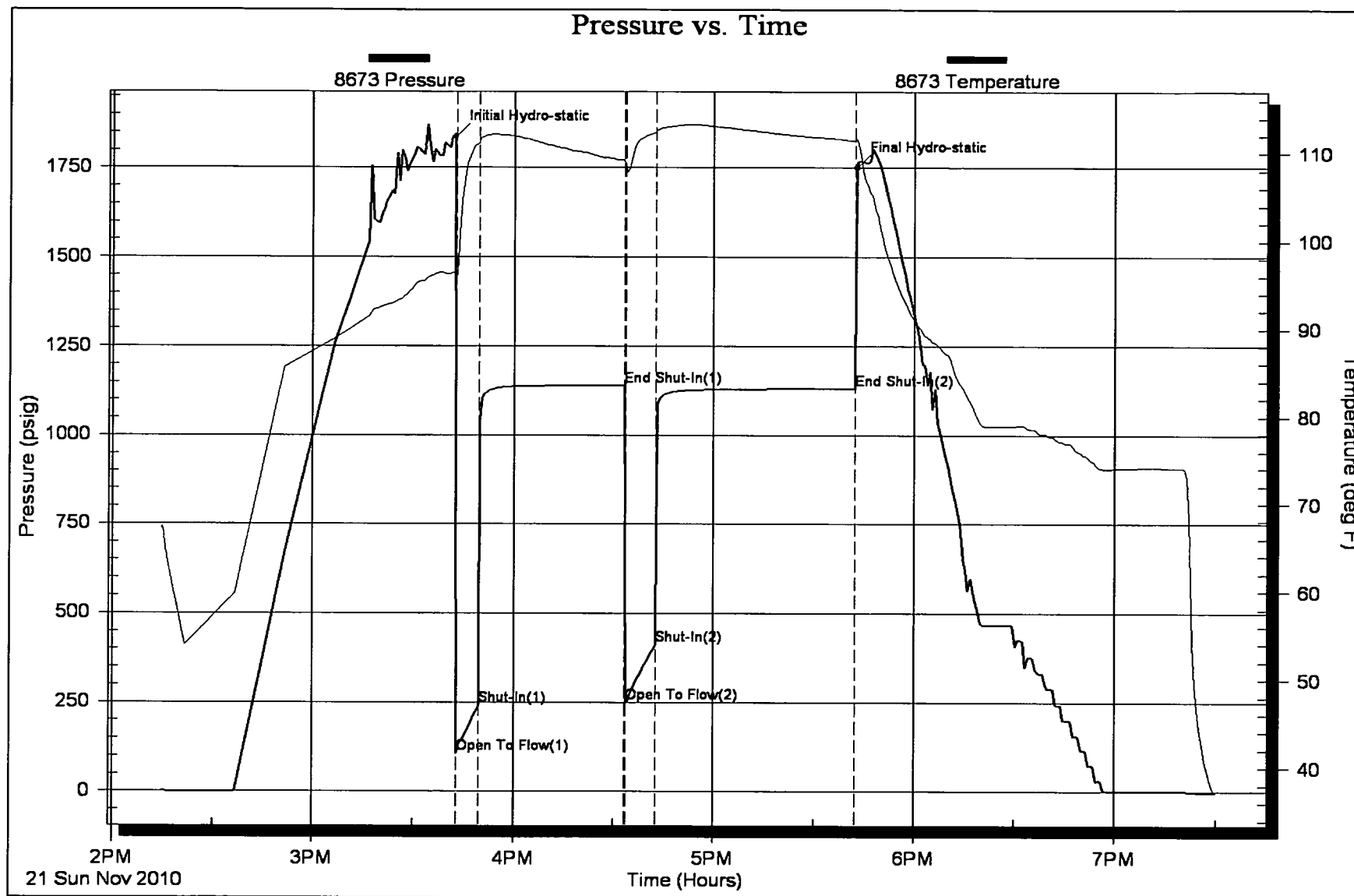
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 29@40=31



JAMES C. MUSGROVE

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

Office (620) 588-4250

Res. Claflin (620) 587-3444

DEC 20 2010

Sandlin Oil Corp.
Staab-Karlin #1
2500' FNL & 850' FEL; Section 15-12s-18w
Ellis County, Kansas
Page 1

5 1/2" Production Casing

Contractor: Royal Drilling Company (Rig #21)
Commenced: November 16, 2010
Completed: November 22, 2010
Elevation: 2158' K.B.; 2156' D.F; 2151' G.L.
Casing program: Surface; 8/58" @ 225'
Production; 5 1/2" @ 3749'
Sample: Samples saved and examined 3000' to the Rotary Total Depth.
Drilling time: One (1) foot drilling time recorded and kept 3000 ft 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; DIL, CDL/CNL, Sonic and Micro.

<u>Formation</u>	<u>Log Depth</u>	<u>Sub-Sea Datum</u>
Anhydrite	1429	+731
Base Anhydrite	1461	+697
Topeka	3124	-966
Heebner	3357	-1199
Toronto	3378	-1220
Lansing	3402	-1244
Base Kansas City	3664	-1506
Arbuckle	3671	-1513
Rotary Total Depth	3750	-1592
Log Total Depth	3750	-1592

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

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

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TOPEKA SECTION

3320-33226' Limestone; cream, slightly chalky, oomoldic, scattered fair visible porosity, trace stain, no show of free oil and faint odor samples broken.

TORONTO SECTION

3378-3390' Limestone; gray to cream, chalky, fossiliferous, poor visible porosity, no shows.

LANSING SECTION

3401-3410' Limestone; gray, slightly fossiliferous, chalky, scattered pinpoint and vuggy type porosity, brown stain, no free oil, trace odor samples broken.

- 3430-3440' Limestone; gray to cream, chalky, slightly fossiliferous, trace stain, trace free oil, faint odor.
- 3451-3460' Limestone; white/gray, oomoldic, brown to black stain, brown stain, no show of free oil and faint odor.
- 3470-3474' Limestone; white, gray, finely crystalline, slightly fossiliferous, poor visible porosity, no shows.
- 3477-3492' Limestone; gray/cream, slightly fossiliferous, poor porosity, plus white chalk.
- 3496-3520' Limestone; gray, finely crystalline, chalky, slightly fossiliferous, scattered stain, faint odor.
- 3538-3550' Limestone; cream, gray, chalky, poor visible porosity, no shows.
- 3560-3570' Limestone; cream, finely crystalline, slightly fossiliferous, slightly chalky, pinpoint type porosity, trace stain, trace free oil and faint odor.
- 6577-3590' Limestone; gray, slightly fossiliferous, poor porosity, black dead stain, no show of free oil, and no odor in fresh samples.
- 3605-3615' Limestone; white, cream, chalky, finely crystalline, fossiliferous, scattered porosity, dark brown and black stain, trace of free oil and odor samples broken.
- 3632-3644' Limestone; white, gray, finely crystalline, chalky, poor porosity, trace stain, trace free oil and odor samples broken.

ARBUCKLE SECTION

- 3671-3681' Dolomite; white, gray, cream, fine to medium crystalline, sucrosic, fair to good pinpoint and finely vuggy type porosity, dark brown stain, show of free oil and good strong gassy odor in fresh samples.

Drill Stem Test #1 3660-3681'

Times: 5-45-10-60

Blow: Strong

Recovery: 240' gas in pipe
 990' clean gassy oil
 30' muddy oil

Pressures: ISIP 1139 psi
 FSIP 1130 psi
 IFP 106-241 psi
 FFP 250-412 psi

- 3681-3691' Dolomite; as above.
- 3691-3700' Dolomite; white, medium to coarse crystalline, good intercrystalline porosity, good brown stain, show of free oil and good odor.

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KCC WICHITA

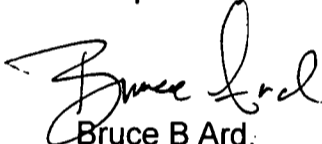
3700-3710'	Dolomite; cream, medium crystalline, sucrosic, slightly chalky luster, fair to good porosity, good brown stain and good show of free oil.
3710-3720'	Dolomite; as above, cherty in part.
3720-3730'	Dolomite; white/gray, finely crystalline, sucrosic, decreasing show.
3730-3740'	Dolomite; cream, coarse crystalline, good vuggy type porosity, good show of heavy sticky free oil and good odor in fresh samples (oil bleeds from vugs).
3740-3750'	Dolomite; as above, decreasing show.

Rotary Total Depth	3750
Log Total Depth	3750

Recommendations:

On the basis of the favorable structural position and the positive results of Drill Stem Test #1, it was recommended by all parties involved, to set and cement 5 1/2" production casing and the Staab-Karlin #1 be completed in the Arbuckle Dolomite.

Respectfully submitted;


Bruce B Ard,
Petroleum Geologist



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