

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 # 31327
Name: Pauley Oil
Address 1: 314 5th Street
Address 2: _____
City: Claflin State: KS Zip: 67450 + _____
Contact Person: Gary Pauley
Phone: (785) 252-8024
CONTRACTOR: License # 33350
Name: Southwind Drilling INC.
Wellsite Geologist: James C. Musgrove
Purchaser: N/A

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 #: _____

1-14-2011	1-20-2011	3-3-2011
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 053-21258-00-00
Spot Description: _____
 se sw Sec. 15 Twp. 17 S. R. 8 East West
330 Feet from North / South Line of Section
4,290 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Ellsworth
Lease Name: S. Rolfs Well #: 1
Field Name: Genesee
Producing Formation: Arbuckle
Elevation: Ground: 1790 Kelly Bushing: 1799
Total Depth: 3600 Plug Back Total Depth: 3371
Amount of Surface Pipe Set and Cemented at: 318 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

(Data must be collected from the Reserve Pit)
Chloride content: _____ ppm Fluid volume: 400 bbls
Dewatering method used: Air Dry and Backfill
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License #: _____
Quarter _____ Sec. _____ Twp. _____ S. R. East West
County: _____ Permit #: _____

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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: [Signature]
Title: owner Date: 10-15-2011

KCC Office Use ONLY

- Letter of Confidentiality Received
Date: _____
 Confidential Release Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
ALT I II III Approved by: Dlg Date: 10/21/11

Operator Name: Pauley Oil Lease Name: S. Rolfs Well #: 1
 Sec. 15 Twp. 17 S. R. 8 East West County: Ellsworth

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: Dual Induction, Microresistivity, Dual Compensated Porosity Log	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td><input checked="" type="checkbox"/> Log</td> <td>Formation (Top), Depth and Datum</td> <td><input type="checkbox"/> Sample</td> </tr> <tr> <td>Name</td> <td>Top</td> <td>Datum</td> </tr> <tr> <td>Heebner</td> <td>2711</td> <td>-917</td> </tr> <tr> <td>Toronto</td> <td>2731</td> <td>-937</td> </tr> <tr> <td>Douglas</td> <td>2742</td> <td>-948</td> </tr> <tr> <td>Brown Lime</td> <td>2831</td> <td>-1037</td> </tr> <tr> <td>Lansing</td> <td>2852</td> <td>-1058</td> </tr> <tr> <td>Base Kansas City</td> <td>3179</td> <td>-1385</td> </tr> <tr> <td>Arbuckle</td> <td>3284</td> <td>-1490</td> </tr> </table>	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample	Name	Top	Datum	Heebner	2711	-917	Toronto	2731	-937	Douglas	2742	-948	Brown Lime	2831	-1037	Lansing	2852	-1058	Base Kansas City	3179	-1385	Arbuckle	3284	-1490
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CASING RECORD <input 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 lbs/ft	318'	common	180	3%cc, 2%gel
Production String	7 7/8	5 1/2	15.5 lbs/ft	3371	common	180	10%salt, 5%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 (Amount and Kind of Material Used)	Depth
4/foot	3294-3298	none	
		<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: auto;"> RECEIVED OCT 20 2011 KCC WICHITA </div>	

TUBING RECORD: Size: <u>2 7/8</u> Set At: <u>3290</u> Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. <u>8-3-2011</u>		Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input checked="" type="checkbox"/> Other (Explain) <u>Skrew Pump</u>	
Estimated Production Per 24 Hours	Oil Bbls. <u>7</u>	Gas Mcf <u>900</u>	Water Bbls. Gas-Oil Ratio Gravity <u>38</u>

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 checked="" 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: <u>Arbuckle 3294-3298</u>
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QUALITY OILWELL CEMENTING, INC.

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 4544

Date	1/15/11	Sec.	15	Twp.	17	Range	8	County	Ellsworth	State	KS	On Location		Finish	12:30 AM
Lease	S. Rolfs		Well No.	1		Location K-4 + K-14, 3/2 N, E into									
Contractor	Southwind Drilling Rig #2					Owner To Quality Oilwell Cementing, Inc.									
Type Job	Surface					You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.									
Hole Size	12 1/4"		T.D.	329'		Charge To Family Oil									
Csg.	8 7/8" 23#		Depth	329'											
Tbg. Size						Street									
Tool						City State									
Cement Left in Csg.	15'		Shoe Joint	The above was done to satisfaction and supervision of owner agent or contractor.											
Meas Line			Displace	20 Ebls.		Cement Amount Ordered 1605xCom 3%CC 2%Gel									

EQUIPMENT

Pumptrk	9	No.	Cement Helper		Common
Bulktrk	3	No.	Driver Driver		Poz. Mix
Bulktrk	PV	No.	Driver Driver		Gel.

JOB SERVICES & REMARKS

Remarks:	Calcium
Rat Hole	Hulls
Mouse Hole	Salt
Centralizers	Flowseal
Baskets	Kol-Seal
D/V or Port Collar	Mud CLR 48
Est. Circulation	CPL-117 or CD110 CAF 38
Mix 1805x	Sand
Displace	Handling
Cement Circulated	Mileage

FLOAT EQUIPMENT

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Quality Oilwell

Guide Shoe	
Centralizer	
Baskets	
AFU Inserts	
Float Shoe	
Latch Down	
Pumptrk Charge	8 7/8" Head + Manifold
Mileage	8 7/8" Wood Plug

Signature *William A. [Signature]*

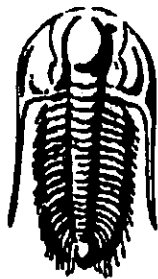
Tax
Discount
Total Charge

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 5089

Date: 1-20-11	Sec. 15	Twp. 19	Range 8	County Ellsworth	State Ks	On Location	Finish 11:45 PM
Lease 5 Rell's	Well No. #1		Location K-4 & K-11 Sect, 3 1/2 N, E1/5				
Contractor Southwind #2				Owner			
Type Job production	Hole Size 7 7/8"			To: Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.			
Csg. 5 1/2" 15 1/2 #	T.D. 3600'		Depth 3371.77		Charge To Panley oil		
Tbg. Size	Depth		Street				
Tool	Depth		City		State		
Cement Left in Csg. 42.60	Shoe Joint 42.60		The above was done to satisfaction and supervision of owner agent or contractor.				
Meas Line	Displace 79 3/4		Cement Amount Ordered 180 ss Common 10% Sulf				
EQUIPMENT				5% Galvanite Sealed Electrical			
Pumptrk 1	No.	Cementor Helper	Deane		Common		
Bulktrk 8	No.	Driver	CISCO		Poz. Mix		
Bulktrk pm	No.	Driver	Rick		Gel.		
JOB SERVICES & REMARKS				Calcium			
Remarks:				Hulls			
Rat Hole 30 SX				Salt			
Mouse Hole				Flowseal			
Centralizers 123 529 11 13 15 17 19				Kol-Seal			
Baskets 4				Mud CLR 48 500 gal			
D/V or Port Collar				CFL-117 or CD110 CAF 38'			
pipe on break circulation for 15 min, Drop Ball Cement for 1 hour. Plug back + mended holes. Mix remaining cement down casing. shut down, wash up. Released plug + displaced with 79 3/4. all fresh water. Landed plug 40. RPS. Released + hold. Lift pressure 700 #/sq. Landed plug to 1000 #/sq.				Sand.			
				Handling			
				Mileage			
				<p style="text-align: center;">FLOAT EQUIPMENT RECEIVED</p> <p style="text-align: right;">OCT 20 2011</p> <p style="text-align: center;">KCC WICHITA</p>			
				Guide Shoe			
				Centralizer 12 - full box			
				Baskets 1			
				AFU Inserts			
				Float Shoe			
				Latch Down 1 - Assy			
				+ Pankey shoe			
				Pumptrk Charge			
				Mileage			
				Tax			
				Discount			
				Total Charge			
Signature [Signature]							



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Pauley Oil**

314 Fifth Street
Clafin, KS 67525

ATTN: Jim Musgrove

15-17-8 Ellsworth KS

S. ROLFS #1

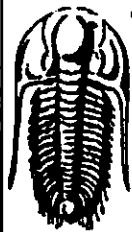
Start Date: 2011.01.18 @ 23:01:00

End Date: 2011.01.19 @ 05:03:00

Job Ticket #: 39322 DST #: 1

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KCC WICHITA**

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Pauley Oil
314 Fifth Street
Claflin, KS 67525

ATTN: Jim Musgrove

S. ROLFS #1

15-17-8 Ellsworth KS

Job Ticket: 39322 DST#: 1

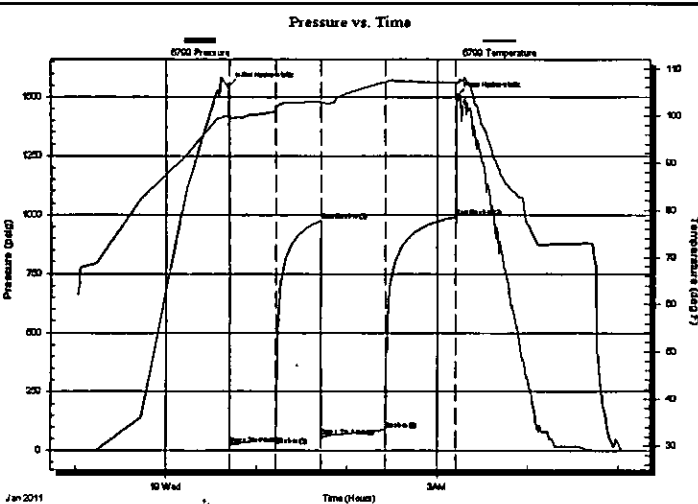
Test Start: 2011.01.18 @ 23:01:00

GENERAL INFORMATION:

Formation: **ARBUCKLE**
 Deviated: **No Whipstock** ft (KB)
 Time Tool Opened: 00:42:00
 Time Test Ended: 05:03:00
 Test Type: **Conventional Bottom Hole**
 Tester: **Jake Fahrenbruch**
 Unit No: **43**
 Interval: **3191.00 ft (KB) To 3283.00 ft (KB) (TVD)**
 Reference Elevations: **1794.00 ft (KB)**
 Total Depth: **3283.00 ft (KB) (TVD)**
1785.00 ft (CF)
 Hole Diameter: **7.88 inches** Hole Condition: **Good**
 KB to GR/CF: **9.00 ft**

Serial #: 6799 Inside
 Press@RunDepth: **87.79 psig @ 3192.00 ft (KB)** Capacity: **8000.00 psig**
 Start Date: **2011.01.18** End Date: **2011.01.19** Last Calib.: **2011.01.19**
 Start Time: **23:01:05** End Time: **05:02:59** Time On Btm: **2011.01.19 @ 00:41:00**
 Time Off Btm: **2011.01.19 @ 03:12:45**

TEST COMMENT: IF: Weak blow, built to 4" in bucket.
 IS: Bled off, no blow back.
 FF: Weak blow, built to 3" in bucket.
 FS: Bled off, no blow back.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1545.22	100.07	Initial Hydro-static
1	25.02	99.53	Open To Flow (1)
32	56.73	101.22	Shut-In(1)
62	975.43	102.98	End Shut-In(1)
62	58.00	102.42	Open To Flow (2)
105	87.79	107.14	Shut-In(2)
151	989.38	107.01	End Shut-In(2)
152	1504.46	107.16	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
25.00	OCM 15%o 85%m	0.35
120.00	G&OCM 15%g 5%o 80%m	1.68

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Pauley Oil
314 Fifth Street
Claffin, KS 67525
ATTN: Jim Musgrove

S. ROLFS #1
15-17-8 Ellsworth KS
Job Ticket: 39322 DST#: 1
Test Start: 2011.01.18 @ 23:01:00

Tool Information

Drill Pipe:	Length: 3176.00 ft	Diameter: 3.80 inches	Volume: 44.55 bbl	Tool Weight:	3000.00 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:	30000.00 lb
			Total Volume: 44.55 bbl	Tool Chased	2.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial	27000.00 lb
Depth to Top Packer:	3191.00 ft			Final	27000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	92.00 ft				
Tool Length:	112.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Shut In Tool	5.00			3176.00	
Hydraulic tool	5.00			3181.00	
Packer	5.00			3186.00	20.00 Bottom Of Top Packer
Packer	5.00			3191.00	
Stubb	1.00			3192.00	
Recorder	0.00	8648	Inside	3192.00	
Recorder	0.00	6799	Inside	3192.00	
Perforations	21.00			3213.00	
Blank Spacing	65.00			3278.00	
Bullnose	5.00			3283.00	92.00 Bottom Packers & Anchor
Total Tool Length:	112.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Pauley Oil
314 Fifth Street
Clafin, KS 67525

S. ROLFS #1
15-17-8 Ellsworth KS
Job Ticket: 39322 DST#: 1
Test Start: 2011.01.18 @ 23:01:00

ATTN: Jim Musgrove

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: 55.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.79 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 2000.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
25.00	OCM 15%o 85%m	0.351
120.00	G&OCM 15%g 5%o 80%m	1.683

Total Length: 145.00 ft Total Volume: 2.034 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

