

Notice: Fill out COMPLETELY and return to Conservation Division at the address below within 60 days from plugging date.

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION WELL PLUGGING RECORD K.A.R. 82-3-117

Form CP-4 December 2003 Type or Print on this Form Form must be Signed All blanks must be Filled

Lease Operator: Russell Oil, Inc. Address: PO Box 1469, Plainfield, IL 60544 Phone: (815) 609-7000 Operator License #: 3293 Type of Well: Oil D & A Docket #: The plugging proposal was approved on: 07-18-07 by: Marvin Mills Is ACO-1 filed? Yes No If not, is well log attached? Yes No Producing Formation(s): List All (If needed attach another sheet)

API Number: 15 - 141-20374-00-00 Lease Name: Pahls Well Number: 1-11 Spot Location (QQQQ): C - SW - NE - NE 740 Feet from North / South Section Line 1310 Feet from East / West Section Line Sec. 11 Twp. 10 S. R. 12 East West County: Osborne Date Well Completed: D & A Plugging Commenced: 07-19-07 Plugging Completed: 07-19-07

Show depth and thickness of all water, oil and gas formations.

Table with 7 columns: Oil, Gas or Water Records (Formation, Content) and Casing Record (Surface Conductor & Production) (From, To, Size, Put In, Pulled Out). Row 1: \*see attached drilling report, 0' to 210', 8 5/8" new 23#, 200.07', 0'.

Describe in detail the manner in which the well is plugged, indicating where the mud fluid was placed and the method or methods used in introducing it into the hole. If cement or other plugs were used, state the character of same depth placed from (bottom), to (top) for each plug set.

Plug well with 190 sacks of 60/40 Poz, 6% gel, 1/4# floseal per sack.

1st plug @ 795' with 25 sacks. 2nd plug @ 600' with 100 sacks. 3rd plug @ 260' with 40 sacks.

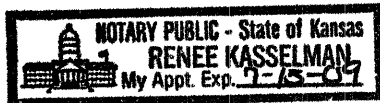
4th plug @ 40' with 10 sacks to surface. Plug rat hole with 15 sacks. No mouse hole.

Job complete @ 2:30 pm on 07-19-07 by Quality Cement (tk #1561)

Name of Plugging Contractor: Southwind Drilling, Inc. License #: 33350 Address: PO Box 276, Ellinwood, KS 67526

Name of Party Responsible for Plugging Fees: Russell Oil, Inc. State of Kansas County, Barton, ss.

Todd E. Morgenstern, VP/OP of Southwind Drilling, Inc. (Employee of Operator) or (Operator) on above-described well, being first duly sworn on oath, says: That I have knowledge of the facts statements, and matters herein contained, and the log of the above-described well is as filed, and the same are true and correct, so help me God.



(Signature) [Handwritten Signature] (Address) PO Box 276, Ellinwood, KS 67526

SUBSCRIBED and SWORN TO before me this 23 day of July, 20 07. Renee Kasselmann My Commission Expires: 7-15-09 Notary Public

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

RECEIVED KANSAS CORPORATION COMMISSION JUL 25 2007 CONSERVATION DIVISION WICHITA, KS

Handwritten initials 'PK'

**SOUTHWIND DRILLING, INC.  
PLUGGING ORDERS AND REPORTS**

Lease: PAHL'S # 1-11

Plugging received from KCC representative:

Name: MARVIN MILLS Date 7-18-07 Time 2:30 P.M

1<sup>st</sup> plug @ 795 ft. 25 sx. Stands: 13

2nd plug @ 600 ft. 100 sx. Stands: 10

3rd plug @ 260 ft. 40 sx. Stands: 4

4th plug @ 40 ft. 10 sx. Stands: 1

5th plug @ \_\_\_\_\_ ft. \_\_\_\_\_ sx. Stands: \_\_\_\_\_

Mousehole \_\_\_\_\_ sx.

Rahole 15 sx.

Total Cement used: 190 sx.

Type of cement 60/40 P02 6% Gel 1/4" Floseal Pet. SK.

Plug down @ 2:30 P.M 7-19-07

Call KCC When Completed:

Name: DAVID WANN Date 7-20-07 Time 3:45 P.M

RECEIVED  
KANSAS CORPORATION COMMISSION  
**JUL 25 2007**  
CONSERVATION DIVISION  
WICHITA, KS

# QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# ~~23-2200177~~

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

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

No. 1561

Date	7-19-07	Sec.	11	Twp.	10	Range	12	Called Out		On Location		Job Start		Finish	2:30pm	
Lease	Table	Well No.	F11		Location			Lucas SW 1/4 E 12th Ok			County	KS	State			
Contractor	Southland Drilling							Owner								
Type Job	Dry Hole Plug							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.								
Hole Size	7 7/8	T.D.		3330												
Csg.	Depth							Charge To								Russell Oil, Inc.
Tbg. Size	Depth							Street								
Drill Pipe	Depth							City				State				
Tool	Depth							The above was done to satisfaction and supervision of owner agent or contractor.								
Cement Left in Csg.	Shoe Joint															
Press Max.	Minimum															
Meas Line	Displace															
Perf.	<b>CEMENT</b>															
<b>EQUIPMENT</b>																
Pumptrk	1	No.	Cementer			Amount Ordered		190 60/40 6% Gel 1/2 Flo Seal								
			Helper	Steve		Consisting of										
Bulktrk	3	No.	Driver	Dan		Common										
			Driver	Bender		Poz. Mix										
Bulktrk		No.	Driver			Gel.										
			Driver			Chloride										
<b>JOB SERVICES &amp; REMARKS</b>																
Pumptrk Charge								Hulls								
Mileage								Salt								
Footage								Flowseal								
Total																
Remarks:																
1st Plug @ 795 25sx																
2nd " " 1000 100sx																
3rd " " 2100 40sx																
4th " " 40 10sx																
Kut Hole 15sx																
Sales Tax																
Handling																
Mileage																
Sub Total																
Total																
Floating Equipment & Plugs																
Squeeze Manifold																
Rotating Head																
Tax																
Discount																
Total Charge																
X Signature <i>Darryl Klein</i>																

RECEIVED  
KANSAS CORPORATION COMMISSION  
JUL 25 2007  
CONSERVATION DIVISION  
WICHITA, KS

**SOUTHWIND DRILLING, INC.**  
**RIG #3**

PO Box 276, Ellinwood, KS 67526  
Office Phone 620-564-3800, Fax 620-564-3845

**DRILLING REPORT**

Pahls # 1-11

Location: 740' FNL & 1310' FEL  
API#: 15-141-20374-00-00

Section 11-10S-12W  
Osborne County, Kansas

OWNER: : Russell Oil, Inc.  
CONTRACTOR: Southwind Drilling, Inc. Rig #3

COMMENCED: 07-13-07  
COMPLETED: 07-19-07

TOTAL DEPTH: Driller: 3330'  
Logger: 3329'

Ground Elevation: 1749'  
KB Elevation: 1758'

LOG :

0'	-	210'	Clay/Shale
210'	-	780'	Redbed/Shale
780'	-	811'	Anhydrite
811'	-	1090'	Shale
1090'	-	3330'	Lime/Shale
		3330'	RTD

CASING RECORDS

Surface casing – 8 5/8"

Ran 5 joints of 23# new 8 5/8" surface casing. Tally @ 200.07'. Set @ 210'. Cement with 160 sacks of common, 2% gel, 3% calcium chloride. Cement did circulate. Plug down @ 9:15 p.m. on 07-13-07 by Quality Cement (tkr #1555).

Production casing – 5 1/2"

None – plugged the well

DEVIATION SURVEYS

1/2 degree (s)	@	210'
1/2 degree (s)	@	2994'

RECEIVED  
KANSAS CORPORATION COMMISSION  
JUL 25 2007  
CONSERVATION DIVISION  
WICHITA, KS

<b>MORNING DRILLING REPORT</b>				Fax to: 815-609-7002			
Southwind Drilling, Inc. PO Box 276 8 North Main Ellinwood, KS 67526 620-564-3800			Wellsite Geologist: Steve Angle 785-625-3814 (home) 785-483-1561 (cell)		WELL NAME		Pahls #1-11
					LOCATION		740' FNL & 1310' FEL Sec. 11-10S-12W Osborne Co., KS
<b>Rig #3</b> Phone Numbers				Russell Oil, Inc. PO Box 1469 Plainfield, IL 60544 815-609-7000			
620-566-7104	Rig Cellular (Dog house)						
620-566-7108	Geologist Trailer Cellular						
620-617-4477	Tool Pusher Cellular		Jay Krier	ELEVATION	G.L. 1749'	K.B. 1758'	API# 15-141-20374-00-00

**Driving Directions:** From Luray: 5 miles North on Hwy. 281 to Hunter Road, 4 miles East, ¼ mile North, West into.

Day 1 Date 07-13-07 Friday Survey @ 210' = ½ degrees

Moved Rig #3 on location

Spud @ 3:45 p.m.

Ran 4.75 hours drilling (.75 drill rat hole, 2.75 drill 12 ¼", 1.25 drill 7 7/8") Down 19.25 hours (8.00 move/rig up, .50 drill plug, .25 circulate, .25 trip, .25 survey, 1.25 run casing/cement, 8.00 wait on cement, .75 connection).

Mud properties: spud mud

Daily Mud Cost = \$0.00. Mud Cost to Date = \$0.00

Wt. on bit: 15,000, 120 RPM, 400# pump pressure

12 ¼" bit #1 (in @ 0' out @ 210') = 2.75 hrs. - 210'

7 7/8" bit #1 (in @ 210') = 1.25 hrs. - 121'

1" fuel = 39.00 gals.

Fuel usage: 39.00 gals. (46"used 1") Start @ 47"

Ran 5 joints of 23# new 8 5/8" surface casing. Tally @ 200.07'. Set @ 210'. Cement with 160 sacks of common, 2% gel, 3% calcium chloride. Cement did circulate. Plug down @ 9:15 p.m. on 07-13-07 by Quality Cement (tk #1555).

Day 2 Date 07-14-07 Saturday

7:00 am – Drilling @ 331'

Ran 19.00 hours drilling. Down 5.00 hours (.50 rig check, .50 rig repair, .25 circulate, 1.25 jet, 2.50 connection).

Mud properties: wt. 9.6, vis. 34

Daily Mud Cost = \$1,888.92. Mud Cost to Date = \$1,888.92.

Wt. on bit: 30,000, 80 RPM, 800# pump pressure

12 ¼" bit #1 (in @ 0' out @ 210') = 2.75 hrs. - 210'

7 7/8" bit #1 (in @ 210') = 20.25 hrs. - 1570'

Fuel usage: 429.00 gals. (35"used 11")

Day 3 Date 07-15-07 Sunday

7:00 am – Drilling @ 1780'

Ran 16.75 hours drilling. Down 7.25 hours (.50 rig check, 4.00 rig repair, 1.00 connection, 1.00 jet, .75 displace @ 2215')

Mud properties: wt. 8.8, vis. 48, water loss 7.6

Daily Mud Cost = \$2,442.19. Mud Cost to Date = \$4,331.11

Wt. on bit: 30,000, 80 RPM, 700# pump pressure

12 ¼" bit #1 (in @ 0' out @ 210') = 2.75 hrs. - 210'

7 7/8" bit #1 (in @ 210') = 37.00 hrs. - 2180'

Fuel usage: 390.00 gals. (25"used 10")

RECEIVED  
KANSAS CORPORATION COMMISSION  
JUL 25 2007  
CONSERVATION DIVISION  
WICHITA, KS

<b>MORNING-DRILLING REPORT</b>				Fax to: 815-609-7002			
Southwind Drilling, Inc. PO Box 276 8 North Main Ellinwood, KS 67526 620-564-3800		Wellsite Geologist: Steve Angle 785-625-3814 (home) 785-483-1561 (cell)		WELL NAME		Pahls #1-11	
				LOCATION		740' FNL & 1310' FEL Sec. 11-10S-12W Osborne Co., KS	
<b>Rig #3</b> Phone Numbers				Russell Oil, Inc. PO Box 1469 Plainfield, IL 60544 815-609-7000			
620-566-7104	Rig Cellular (Dog house)						
620-566-7108	Geologist Trailer Cellular						
620-617-4477	Tool Pusher Cellular		Jay Krier	ELEVATION	G.L. 1749'	K.B. 1758'	API# 15-141-20374-00-00

**Driving Directions:** From Luray: 5 miles North on Hwy. 281 to Hunter Road, 4 miles East, 3/4 mile North, West into.

Day	4	Date	07-16-07	Monday	<b>Survey @ 2994' = 1/2 degree</b>
					<b>Pipe strap = .42 short to the board</b>

7:00 am – Drilling @ 2390'

Ran 17.50 hours drilling. Down 6.50 hours (.75 rig check, .75 rig repair, 1.25 connection, .25 survey, 1.00 CTCH, 1.50 CFS @ 2994', 1.00 trip)

Mud properties: wt. 9.2, vis. 49, water loss 8.4

Daily Mud Cost = \$490.37. Mud Cost to Date = \$4,821.48

Wt. on bit: 30,000, 80 RPM, 750# pump pressure

12 1/4" bit #1 (in @ 0' out @ 210') = 2.75 hrs. - 210'

7 7/8" bit #1 (in @ 210') = 54.50 hrs. - 2784'

Fuel usage: 546.00 gals. (82"used 14" 25" + 71" delivered = 96"

Day	5	Date	07-17-07	Tuesday	<b>DST #1 (2924'-2994')</b>
					<b>Toronto formation</b>
					<b>Recovered 15' mud</b>
					<b>DST #2 (2991'-3044')</b>
					<b>LKC "B" – "C" formation</b>
					<b>Recovered 950' muddy water</b>

7:00 am – Tripping out with bit for DST #1 @ 2994'

Ran 2.25 hours drilling. Down 21.75 hours (1.25 CTCH, 1.00 CFS @ 3021', 1.00 CFS @ 3033', 1.75 CFS @ 3044', 12.25 trip, 2.00 DST #1, 2.50 DST #2)

Mud properties: wt. 9.2, vis. 49, water loss 8.4

Daily Mud Cost = \$0.00. Mud Cost to Date = \$4,821.48

Wt. on bit: 30,000, 80 RPM, 750# pump pressure

12 1/4" bit #1 (in @ 0' out @ 210') = 2.75 hrs. - 210'

7 7/8" bit #1 (in @ 210') = 56.75 hrs. - 2834'

Fuel usage: 312.00 gals. (74"used 8")

RECEIVED  
KANSAS CORPORATION COMMISSION  
JUL 25 2007  
CONSERVATION DIVISION  
WICHITA, KS

<b>MORNING DRILLING REPORT</b>				Fax to: 815-609-7002			
Southwind Drilling, Inc. PO Box 276 8 North Main Ellinwood, KS 67526 620-564-3800			Wellsite Geologist: Steve Angle 785-625-3814 (home) 785-483-1561 (cell)		WELL NAME		Pahls #1-11
					LOCATION		740' FNL & 1310' FEL Sec. 11-10S-12W Osborne Co., KS
<b>Rig #3</b> Phone Numbers				Russell Oil, Inc. PO Box 1469 Plainfield, IL 60544 815-609-7000			
620-566-7104	Rig Cellular (Dog house)						
620-566-7108	Geologist Trailer Cellular						
620-617-4477	Tool Pusher Cellular		Jay Krier	ELEVATION	G.L. 1749'	K.B. 1758'	API# 15-141-20374-00-00

**Driving Directions:** From Luray: 5 miles North on Hwy. 281 to Hunter Road, 4 miles East, ¼ mile North, West into.

Day	6	Date	07-18-07	Wednesday
-----	---	------	----------	-----------

**LTD = 3329'**  
**RTD = 3330'**

7:00 am – CTCH after DST #2 @ 3044'  
Ran 11.25 hours drilling. Down 12.75 hours (1.25 CFS @ 3083', 1.00 CFS @ 3330', 1.75 trip, .50 rig check, .50 rig repair, .50 jet, .50 connection, 6.25 log, .50 wait on orders)  
Mud properties: wt. 9.5, vis. 68, water loss 8.8  
Daily Mud Cost = \$220.11. **Total Mud Cost = \$5,041.59**  
Wt. on bit: 30,000, 80 RPM, 700# pump pressure  
**12 ¼" bit #1 (in @ 0' out @ 210') = 2.75 hrs. - 210'**  
**7 7/8" bit #1 (in @ 210' out @ 3300') = 68.00 hrs. - 3120'**

Fuel usage: 351.00 gals. (65" used 9")

Day	7	Date	07-19-07	Thursday
-----	---	------	----------	----------

7:00 am – Waiting on orders @ 3330'  
Ran 0.00 hours drilling. Down 8.00 hours (1.50 wait on orders, 1.00 trip, 3.00 lay down pipe, 2.00 plug, .50 tear down)

Fuel usage: 39.00 gals. (64" used 1")

Plug well with 190 sacks of 60/40 Poz, 6% gel, ¼# floseal per sack.  
1<sup>st</sup> plug @ 795' with 25 sacks. 2<sup>nd</sup> plug @ 600' with 100 sacks. 3<sup>rd</sup> plug @ 260' with 40 sacks. 4<sup>th</sup> plug @ 40' with 10 sacks to surface. Plug rat hole with 15 sacks. No mouse hole.  
Job complete @ 2:30 pm on 07-19-07 by Quality Cement (tk #1561).

RECEIVED  
KANSAS CORPORATION COMMISSION  
JUL 25 2007  
CONSERVATION DIVISION  
WICHITA KS