

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 #: \_\_\_\_\_  
(Oil, Gas D&A, SWD, ENHR, Water Supply Well, Cathodic, Other) (If SWD or ENHR)  
The plugging proposal was approved on: 11-05-04 @ 8:40 am (Date)  
by: Herb Deines (KCC District Agent's Name)  
Is ACO-1 filed?  Yes  No If not, is well log attached?  Yes  No  
Producing Formation(s): List All (If needed attach another sheet)  
\_\_\_\_\_. Depth to Top: \_\_\_\_\_ Bottom: \_\_\_\_\_ T.D. \_\_\_\_\_  
\_\_\_\_\_. Depth to Top: \_\_\_\_\_ Bottom: \_\_\_\_\_ T.D. \_\_\_\_\_  
\_\_\_\_\_. Depth to Top: \_\_\_\_\_ Bottom: \_\_\_\_\_ T.D. \_\_\_\_\_

API Number: 15-065-23014-00-00  
Lease Name: Solomon "A" Unit  
Well Number: 1-5  
Spot Location (QQQQ): S/2 - SE - SE - SE  
100 Feet from  North /  South Section Line  
330 Feet from  East /  West Section Line  
Sec. 5 Twp. 9 S. R. 25  East  West  
County: Graham  
Date Well Completed: D & A  
Plugging Commenced: 11-05-04  
Plugging Completed: 11-05-04

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

Oil, Gas or Water Records		Casing Record (Surface Conductor & Production)				
Formation	Content	From	To	Size	Put In	Pulled Out
*see attached drilling report		0'	260'	8 5/8" used 20#	248.40'	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.

Plugged hole with 190 sacks of 60/40 Poz, 6% gel, 1/4# flo-seal per sack.  
1st plug @ 2275' with 25 sacks. 2nd plug @ 1425' with 100 sacks. 3rd plug @ 310' with 40 sacks.  
4th plug @ 40' with 10 sacks to surface. Plug rat hole with 15 sacks.

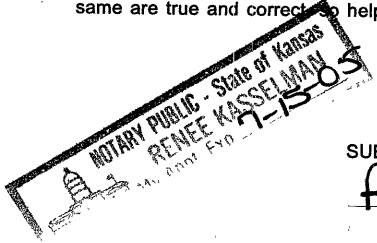
RECEIVED

Name of Plugging Contractor: Acid Services Southwind License #: n/a 3335 **NOV 12 2004**  
Address: 100 S. Main, Suite 607, Wichita, KS 67202 **KCC WICHITA**  
Name of Party Responsible for Plugging Fees: LeRoy Holt II 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 to help me God.

(Signature) Todd E. Morgenstern  
(Address) PO Box 276, Ellinwood, KS 67526

SUBSCRIBED and SWORN TO before me this 8th day of November, 20 04  
Renee Kasselmann My Commission Expires: 7-15-05  
Notary Public



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

KCC  
Over  
Bottom  
90  
23  
11/12/04

BW

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

Lease: SOLOMON "A" UNIT #1-5

Plugging received from KCC representative:

Name: HERB DIENES Date 11-4-04 Time 8:30

1<sup>st</sup> plug @ 2275 ft. 25 sx. Stands: 37

2nd plug @ 1425 ft. 100 sx. Stands: 23

3rd plug @ 310 ft. 40 sx. Stands: 5

4th plug @ 40 ft. 10 sx. Stands: \_\_\_\_\_

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

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

Rahole 15 sx.

Total Cement used: 190 sx.

Type of cement 60/40 POZ. 6% GEL, 1/4" FLO SEAL PER. SK.

Plug down @ 1:45 A.M. BY ACID SERVICE - TICKET NO. - 9007

Call KCC When Completed:

Name: HERB DIENES Date 11-5-04 Time 8:40

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# TREATMENT REPORT



Customer ID		Date	
Customer <i>Russell Oil</i>		<i>11-5-04</i>	
Lease <i>Soloman Unit A</i>		Lease No.	Well # <i>1-5</i>
Field Order # <i>9007</i>	Station <i>Pratt KS</i>	Casing <i>8 5/8</i>	Depth <i>260</i>
Type Job <i>PTA New Well</i>		County <i>Graham</i>	State <i>KS</i>

Formation		Legal Description <i>5-93-25w</i>	
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PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size <i>4 1/2</i>	Shots/Ft <i>1.59</i>	<i>13.3</i>	Acid <i>190 ski, 60-40 p2</i>	RATE	PRESS <i>500</i>	ISIP	
Depth	Depth <i>2275</i>	From	To	Pre Pad <i>690 Total Gel 114</i>	Max		5 Min.	
Volume	Volume <i>25.3</i>	From	To	Pad	Min		10 Min.	
Max Press	Max Press <i>500</i>	From	To	Frac	Avg		15 Min.	
Well Connection	Annulus Vol.	From	To	Flush	HHP Used		Annulus Pressure	
Plug Depth	Packer Depth	From	To		Gas Volume		Total Load	

Customer Representative <i>Darby Krier</i>	Station Manager <i>Dave Autry</i>	Treater <i>D. Scott</i>
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Service Units	<i>118</i>	<i>27</i>	<i>46</i>	<i>76</i>				
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Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>2300</i>					<i>On hoc w/trk's safety mtg</i>
<i>2330</i>		<i>250</i>	<i>15</i>	<i>4 1/2</i>	<i>H2O spacer D.P. @ 2275 1st Plug</i>
<i>2394</i>		<i>250</i>	<i>7</i>	<i>4 1/2</i>	<i>mix amt @ 13.3 ppg 25 ski</i>
<i>2336</i>		<i>200</i>	<i>5</i>	<i>4 1/2</i>	<i>H2O spacer</i>
<i>2338</i>		<i>150</i>	<i>25.3</i>	<i>7</i>	<i>Balance &amp; Disp Amt</i>
<i>2430</i>		<i>100</i>	<i>15</i>	<i>4 1/2</i>	<i>H2O spacer D.P. @ 1425 2nd Plug</i>
<i>2434</i>		<i>100</i>	<i>28.3</i>	<i>4 1/2</i>	<i>mix amt @ 13.3 ppg 100 ski</i>
<i>2441</i>		<i>100</i>	<i>5</i>	<i>4 1/2</i>	<i>H2O spacer</i>
<i>2452</i>		<i>100</i>	<i>18.1</i>	<i>7</i>	<i>Balance &amp; Disp Amt</i>
<i>0115</i>		<i>100</i>	<i>15</i>	<i>4 1/2</i>	<i>H2O spacer! D.P. @ 310' 3rd Plug</i>
<i>0119</i>		<i>100</i>	<i>11.3</i>	<i>4 1/2</i>	<i>mix amt @ 13.3 ppg 40 ski</i>
<i>0122</i>		<i>100</i>	<i>1.4</i>	<i>4 1/2</i>	<i>Balance &amp; Disp Amt</i>
<del><i>1335</i></del> <i>0135</i>			<i>2.8</i>	<i>2.0</i>	<i>10 ski @ 40'</i>
<del><i>1345</i></del> <i>0145</i>			<i>4.2</i>	<i>2.0</i>	<i>15 ski @ Rat hole</i>

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**NOV 12 2004**

**KCC WICHITA**  
*Job Complete*  
*Thank you*  
*scotty*

TREATMENT REPORT



Customer ID	Date		
Customer	Russell Oil		11-5-04
Lease	Drilling	Lease No.	Well #

Field Order #	Station	Casing	Depth	County	State
9008	Pratt	8 5/8	270	Graham	KS
Type Job			Formation	Legal Description	
Surface New Well				S-9S-25W	

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP
8 5/8		125	145	175 ski 60-40 puz		500	
Depth	Depth	From	To	Pre Pad	Max		5 Min.
235	PBTD			376 CC 1 1/4 C.F.			
Volume	Volume	From	To	Pad	Min		10 Min.
16.3							
Max Press	Max Press	From	To	Frac	Avg		15 Min.
500							
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush	Gas Volume		Total Load
				H2O			

Customer Representative	Station Manager	Treater
Daryl Krier	Dave Autry	D. Scott

Service Units	118	27	46	76				
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Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
1700					On loc w/ Trk's Safety mtg
					Msg on Bottom Break Circ w/ Rig
2040	100		38.9	4 1/2	St mixing amt @ 14.5ppg 175 ski
2050	⊕				Close In & Release Plug
2055	⊕			4	St Disp w/ H2O
2100	150		16.3	⊕	Disp In - Close In manifold
					Circ 5 Bbls amt = 20 ski

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Job Complete  
Thank you  
Scotty

Taylor Printing, Inc.



INVOICE NO.
Date 11-5-04
Customer ID

Subject to Correction

FIELD ORDER 9007

Lease Solomon Unit A
Well # 1-5
Legal 5-95-25w
County Graham
State KS
Station Pratt KS
Depth
Formation D.P. @ 2275'
Shoe Joint N/A
Casing 8 7/8
Casing Depth 260
TD
Job Type PTA New Well
Customer Representative Darly Krier
Treater D. Scott

CHARGE

A/E Number PO Number

Materials Received by X Darly Krier

Table with columns: Product Code, QUANTITY, MATERIAL, EQUIPMENT and SERVICES USED, UNIT PRICE, AMOUNT, ACCOUNTING CORRECTION, AMOUNT. Contains handwritten entries for items like 60-40 poz Common, Cmt Gel, Cement Charge, Pump Charge, and Bulk Delv Chg.

Discounted Price = 4229.25

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TOTAL

# SOUTHWIND DRILLING, INC.

## RIG #1

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

### DRILLING REPORT

Solomon "A" Unit #1-5

Location: S/2-SE-SE-SE  
API#: 15-065-23014-00-00

Section 5-9S-25W  
Graham County, Kansas

OWNER: \_\_\_\_\_ : Russell Oil, Inc.  
CONTRACTOR: Southwind Drilling, Inc. Rig #1

COMMENCED: 10-29-04  
COMPLETED: 11-05-04

TOTAL DEPTH: Driller: 4120'  
Log: 4118'

Ground Elevation: 2545'  
KB Elevation: 2555'

### LOG:

0'	-	265'	Sand/Rock/Shale
265'	-	1080'	Sand/Shale
1080'	-	1700'	Shale
1700'	-	2235'	Shale/Sand
2235'	-	2239'	Shale
2239'	-	2278'	Anhydrite
2278'	-	4045'	Shale
4045'	-	4120'	Lime/Shale
		4118'	LTD
		4220'	RTD

### CASING RECORDS

#### Surface casing - 8 5/8"

Ran 6 joints of used 20# 8 5/8" surface casing. Tally @ 248.40'. Set @ 260'. Cement with 175 sacks of 60/40 Poz, 2% gel, 3% calcium chloride. Cement did circulate. Plug down @ 10:00 pm on 10-29-04 by Acid Services (tk # 8739)

#### Production casing - 5 1/2"

None - plugged well

### DEVIATION SURVEYS

3/4 degree (s) @ 265'  
Miss run @ 3885'

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MORNING DRILLING REPORT				Fax to: LeRoy Holt II @ 815-609-7002			
Southwind Drilling, Inc. PO Box 276 112 North Main Ellinwood, KS 67526		Wellsite Geologist: Todd Morgenstern 620-786-1729 (Mobile) 620-564-3728 (Office)		WELL NAME		Solomon "A" Unit #1-5	
				LOCATION		S/2-SE-SE-SE Sec. 5-9S-25W Graham County, Kansas	
Rig #1 Phone Numbers		IN USE		Russell Oil, Inc. PO Box 1469 Plainfield, IL 60544 815-609-7000 LeRoy's Mobile: 405-401-6464			
620-794-2075	Rig Cellular (Dog house)	Yes					
620-794-2078	Geologist Trailer Cellular	Yes					
620-794-2076	Tool Pusher Cellular	Yes	Darryl Krier	ELEVATION	G.L. 2545'	K.B. 2555'	API#15-065-23014-00-00

**Driving Directions:** From South end of Morland, KS approx. 3 1/2 miles South, 2 1/8 miles West, North side of road into pasture. See survey plast for more exact spot within pasture.

Day 1 Date 10-29-04 Friday Survey @ 265' = 3/4 degree

Moved Rig #1 on location

Spud @ 4:15 pm

Ran 3.25 hours drilling (.50 drill rat hole, 2.25 drill 12 1/4", .50 drill 7 7/8". Down 20.75 hours (8.75 move/rig up, 1.00 connection, .50CTCH, .50 trip, 1.50 run/cement casing, 8.00 wait on cement, .50 drill plug)

Mud properties: freshwater

Wt. on bit: 10,000-15,0000, 120 RPM, 400# pump pressure

Hours on 12 1/4" bit: 2.25

Hours on 7 7/8" bit: .50

Fuel usage: 128 gals.

Ran 6 joints of used 20# 8 5/8" surface casing. Tally @ 248.40'. Set @ 260'. Cement with 175 sacks of 60/40 Poz, 2% gel, 3% calcium chloride. Cement did circulate. Plug down @ 10:00 pm on 10-29-04 by Acid Services (tk # 8739).

Day 2 Date 10-30-04 Saturday

7:00 am - Drilling @ 280'

Ran 18.00 hours drilling. Down 7.00 hours (.50 rig check, 1.25 jet, 3.75 connection, 1.50 rig repair)

Note: 25 hours total for 10-30-04 due to time change.

Mud properties: freshwater

Daily Mud Cost = \$325.00. Mud Cost to Date = \$325.00

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

Hours on 12 1/4" bit: 2.25

Hours on 7 7/8" bit: 18.50

Fuel usage: 256 gals.

Day 3 Date 10-31-04 Sunday Andydrate (2239'-2273')

7:00 am - Drilling @ 2235'

Ran 20.50 hours drilling. Down 3.50 hours (.75 rig check, .25 rig repair, 1.25 jet, 1.25 connection)

Mud properties: freshwater

Mud Cost to Date = \$325.50

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

Hours on 12 1/4" bit: 2.25

Hours on 7 7/8" bit: 39.00

Fuel usage: 288 gals.

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Southwind Drilling, Inc. PO Box 276 112 North Main Ellinwood, KS 67526		Wellsite Geologist: Todd Morgenstern 620-786-1729 (Mobile) 620-564-3728 (Office)		WELL NAME		Solomon "A" Unit #1-5	
				LOCATION		S/2-SE-SE-SE Sec. 5-9S-25W Graham County, Kansas	
Rig #1 Phone Numbers		IN USE		Russell Oil, Inc. PO Box 1469 Plainfield, IL 60544 815-609-7000 LeRoy's Mobile: 405-401-6464			
620-794-2075	Rig Cellular (Dog house)	Yes		ELEVATION			
620-794-2078	Geologist Trailer Cellular	Yes		G.L. 2545'	K.B. 2555'	API#15-065-23014-00-00	
620-794-2076	Tool Pusher Cellular	Yes	Darryl Krier				

Day 4 Date 11-01-04 Monday

7:00 am - Drilling @ 3039'  
 Ran 20.75 hours drilling. Down 3.25 hours (.75 rig check, 1.50 connection, 1.00 jet)  
 Mud properties: wt. 9.1, vis. 41  
 Daily Mud Cost = \$1,615.93. Mud Cost to Date = \$1,941.43  
 Wt. on bit 30,000, 80 RPM, 750# pump pressure  
 Hours on 12 1/4" bit: 2.25  
 Hours on 7 7/8" bit: 59.75

Fuel usage: 352 gals.

Day 5 Date 11-02-04 Tuesday Survey @ 3885' = misrun

7:00 am - Drilling @ 3576'  
 Ran 14.00 hours drilling. Down 10.00 hours (.75 rig check, 1.00 connection, .25 CFS @ 3858', 1.25 CFS @ 3870', 1.00 CFS @ 3885', 4.75 rips, 1.00 CTCH)  
 Mud properties: wt. 9.3, vis. 49, water loss 8.4  
 Daily Mud Cost = \$429.30. Mud Cost to Date = \$2,370.73  
 Wt. on bit 30,000, 80 RPM, 750# pump pressure  
 Hours on 12 1/4" bit: 2.25  
 Hours on 7 7/8" bit: 73.75

Fuel usage: 288 gals.

Day 6 Date 11-03-04 Wednesday DST #1 (3842'-3885') LKC  
Recovered 125' mud

7:00 am - Tripping in with test tool for DST #1 @ 3885'  
 Ran 11.00 hours drilling. Down 13.00 hours (2.00 DST #1, 1.00 CTCH, .50 CFS @ 3892', 1.25 CFS @ 3916', 1.00 CFS @ 3980', 1.25 CFS @ 4020', .50 rig check, .25 connection, 5.25 trips)  
 Mud properties: wt. 9.6, vis. 47, water loss 8.0  
 Daily Mud Cost = \$1,653.94. **Total Mud Cost = \$4,024.67**  
 Wt. on bit 30,000, 80 RPM, 700# pump pressure  
 Hours on 12 1/4" bit: 2.25  
 Hours on 7 7/8" bit: 84.75

Fuel usage: 256 gals.

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Southwind Drilling, Inc. PO Box 276 112 North Main Ellinwood, KS 67526		Wellsite Geologist: Todd Morgenstern 620-786-1729 (Mobile) 620-564-3728 (Office)		WELL NAME		Solomon "A" Unit #1-5	
				LOCATION		S/2-SE-SE-SE Sec. 5-9S-25W Graham County, Kansas	
Rig #1 Phone Numbers		IN USE		Russell Oil, Inc. PO Box 1469 Plainfield, IL 60544 815-609-7000 LeRoy's Mobile: 405-401-6464			
620-794-2075	Rig Cellular (Dog house)	Yes					
620-794-2078	Geologist Trailer Cellular	Yes					
620-794-2076	Tool Pusher Cellular	Yes	Darryl Krier	ELEVATION	G.L. 2545'	K.B. 2555'	API#15-065-23014-00-00

Day 7 Date 11-04-04 Thursday

7:00 am - Drilling @ 4045'

Ran 4.25 hours drilling. Down 19.75 hours (.25 rig check, 1.00 CFS @ 4120', 2.75 trip, 4.50 log, 2.25 lay down pipe, 3.75 plug hole, 3.00 tear down, 2.25 rig down)

Hours on 12 1/4" bit: 2.25

Hours on 7 7/8" bit: 89.00

Fuel usage: 160 gals.

Day 8 Date 11-05-04 Friday

**RTD = 4120'**

**LTD = 4118'**

Plug hole with 190 sacks of 60/40 Poz, 6% gel, 1/4# flo-seal per sack.

1<sup>st</sup> plug @ 2275' with 25 sacks, 2<sup>nd</sup> plug @ 1425' with 100 sacks, 3<sup>rd</sup> plug @ 310' with 40 sacks, 4<sup>th</sup> plug @ 40' with 10 sacks to surface. Plug rat hole with 15 sacks. Plug down @ 1:45 am on 11-05-04 by Acid Services (tk #9007).

7:00 am - Rigging down and moving off location

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