

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: D & A Docket #: The plugging proposal was approved on: 02-20-09 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) Depth to Top: Bottom: T.D.

API Number: 15 - 195-22597-00-00 Lease Name: Virginia Well Number: 1-6 Spot Location (QQQQ): NE - SW - SW - NW 2150 Feet from North / South Section Line 400 Feet from East / West Section Line Sec. 6 Twp. 11 S. R. 22 East West County: Trego Date Well Completed: D & A 02-23-09 Plugging Commenced: 02-23-09 Plugging Completed: 02-23-09

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

Table with 7 columns: Formation, Content, From, To, Size, Put In, Pulled Out. Row 1: *see attached drilling report, 0', 267.19', 8 5/8" new 20#, 255.17', 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 245 sacks of 60/40 Poz, 4% gel. 1st plug @ 3930' with 25 sacks. 2nd plug @ 1781' with 25 sacks. 3rd plug @ 887' with 100 sacks. 4th plug @ 320' with 40 sacks. 5th plug @ 40' with 10 sacks to surface. Plug mouse hole with 15 sacks. Plug rat hole with 30 sacks. Job complete @ 10:30 pm on 02-22-09 by Quality (tk #3804).

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

KANSAS CORPORATION COMMISSION FEB 25 2009 RECEIVED

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 24 day of February, 20 09. [Handwritten Signature] My Commission Expires: 7-15-09 Notary Public

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

SOUTHWIND DRILLING, INC.
PLUGGING ORDERS AND REPORTS

Lease: Virginia #1-6

Plugging received from KCC representative:

Name: Marvin Mills Date 2-20-09 Time 9:30 AM

1st plug @ 3930 ft. 25 sx. Stands: 62½

2nd plug @ 1781 ft. 25 sx. Stands: 29

3rd plug @ 887 ft. 100 sx. Stands: 14½

4th plug @ 320 ft. 40 sx. Stands: 5

5th plug @ 40 ft. 10 sx. Stands: _____

Mousehole 15 sx.

Rahole 30 sx.

Total Cement used: 245 sx.

Type of cement 60/40 POZ 4% Gel

Plug down @ 10:30 PM 2-22-09

Call KCC When Completed:

Name: Bruce Basye Date 2-23-09 Time 9:45 AM

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QUALITY OILWELL CEMENTING, INC.

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

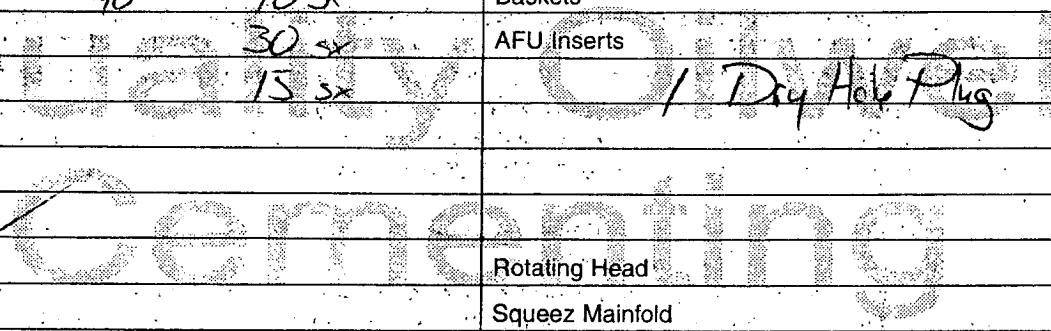
Home Office P.O. Box 32 Russell, KS 67665

No. 3204

Date <u>2-22-09</u>		Sec. <u>6</u>	Twp. <u>11</u>	Range <u>22</u>	County <u>Trego</u>	State <u>Kansas</u>	On Location	Finish <u>10:30PM</u>
Lease <u>Virginia</u>		Well No. <u>1-6</u>		Location <u>Wakeeney TN 3rd E Sinto</u>				
Contractor <u>Southwind Drilling Rig 1</u>				Owner				
Type Job				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 <u>7 7/8</u>		T.D.			Charge To <u>Russell Oil, Inc.</u>			
Csg.		Depth			Street			
Tbg. Size		Depth			City			
Drill Pipe <u>4 1/2 XH</u>		Depth			State			
Tool		Depth			The above was done to satisfaction and supervision of owner agent or contractor.			
Cement Left in Csg.		Shoe Joint			CEMENT			
Press Max.		Minimum			Amount Ordered <u>25 60/40 4 1/2 Gal</u>			
Meas Line		Displace			Common			
Perf.					Poz. Mix			
EQUIPMENT				Gel.				
Pumptrk <u>1</u>	No.	Cement Helper <u>Steve</u>		Calcium				
Bulktrk <u>8</u>	No.	Driver <u>Blake</u>		Mills				
Bulktrk	No.	Driver <u>Brandon</u>		Salt				
JOB SERVICES & REMARKS				Flowseal				
Pumptrk Charge					Handling			
Mileage					Mileage			
Footage					Pump Truck Charge			
Total					FLOAT EQUIPMENT			
Remarks:					Guide Shoe			
<u>1st Plug @ 3930' 25x</u>					Centralizer			
<u>2nd " " 1781' 25x</u>					Baskets			
<u>3rd " " 887' 100x</u>					AFU Inserts			
<u>4th " " 320' 40x</u>					<u>1 Dry Hole Plug</u>			
<u>5th " " 40' 10x</u>								
<u>Rat Hole 30x</u>					Rotating Head			
<u>Misc Hole 15x</u>					Squeez Mainfold			
<u>Frank Rouse</u>					Tax			
					Discount			
					Total Charge			
X Signature								

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FEB 25 2009
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SOUTHWIND DRILLING, INC.

RIG #1

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

DRILLING REPORT

Virginia #1-6

Location: 2150' FNL & 400' FWL
API#: 15-195-22597-00-00

Section 6-11S-22W
Trego County, Kansas

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

COMMENCED: 02-13-09
COMPLETED: 02-22-09

TOTAL DEPTH: Driller: 4025'
Logger: 4023'

Ground Elevation: 2262'
KB Elevation: 2272'

LOG:

0'	-	400'	Clay/Redbed
400'	-	1190'	Shale/Redbed
1190'	-	1757'	Shale
1757'	-	1804'	Anhydrite
1804'	-	2240'	Shale
2240'	-	4025'	Lime/Shale
		4025'	RTD

CASING RECORDS

Surface casing – 8 5/8"

Ran 6 joints of 20# new 8 5/8" surface casing. Tally @ 255.17'. Set @ 267.19'. Cement with 165 sacks of common, 3% calcium chloride, 2% gel. Cement did circulate. Plug down @ 1:00 p.m. on 02-13-09 by Quality (tk#3183).

Production casing – 5 1/2"

None – plugged the well

DEVIATION SURVEYS

1/2 degree (s)	@	269'
1/4 degree (s)	@	3568'
1 degree (s)	@	3980'

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MORNING DRILLING REPORT			Fax to: Russell Oil & Todd Brown Email to: Leroy Holt, Steve Angle, Kevin Bailey			
Southwind Drilling, Inc. PO Box 276 8 North Main Ellinwood, KS 67526 620-564-3800		Wellsite Geologist: Steve Angle 785-483-1561		WELL NAME Virginia #1-6		
Rig #1 Phone Numbers				LOCATION 2150' FNL & 400' FWL Sec. 6-11S-22W Trego County, KS		
620-794-2075	Rig Cellular (Dog house)			Russell Oil, Inc. PO Box 1469 Plainfield, IL 60544 815-609-7000		
620-794-2078	Geologist Trailer Cellular			ELEVATION		
620-617-7324	Tool Pusher Cellular	Frank Rome		G.L. 2262'	K.B. 2272'	
				API# 15-195-22597-00-00		

Driving Directions: From Wakeeney: 8 miles North on Hwy. 283, 3 ¼ miles East on "A" Road, ½ mile South.

Day	1	Date	02-13-09	Friday	Survey @ 269' = ½ degree
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Moved Rig #1 on location

Spud @ 8:15 a.m.

Ran 9.50 hours drilling (.50 drill rat hole, 2.00 drill 12 ¼", 7.00 drill 7 7/8"). Down 14.50 hours (.75 rig up, .25 CTCH, .25 survey, .25 trip, 1.00 run casing/cement, 8.00 wait on cement, .25 drill plug, 3.00 connection, .25 rig check, .50 jet)

Mud properties: freshwater

Daily Mud Cost = \$1,600.90. Mud Cost to Date = \$1,600.90

Wt. on bit: 25,000, 100 RPM, 700# pump pressure

12 ¼" bit #1 (in @ 0' out @ 269') = 2.00 hrs. - 269'

7 7/8" bit (in @ 269') = 7.00 hrs. - 921'

1" fuel = 39.60 gals.

Fuel usage: 277.20 gals (64" used 7")

Ran 6 joints of 20# new 8 5/8" surface casing. Tally @ 255.17'. Set @ 267.19'. Cement with 165 sacks of common, 3% calcium chloride, 2% gel. Cement did circulate. Plug down @ 1:00 p.m. on 02-13-09 by Quality (tk#3183).

Day	2	Date	02-14-09	Saturday	Anhydrite (1757' - 1804')
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7:00 am - Drilling @ 1190'

Ran 19.75 hours drilling. Down 4.25 hours (.75 rig check, .50 rig repair, 2.25 connection, .75 jet)

Mud properties: wt. 9.3, vis. 29

Daily Mud Cost = \$2,836.05. Mud Cost to Date = \$4,436.95

Wt. on bit: 30,000, 95 RPM, 800# pump pressure

12 ¼" bit #1 (in @ 0' out @ 269') = 2.00 hrs. - 269'

7 7/8" bit (in @ 269') = 26.75 hrs. - 2246'

Fuel usage: 475.20 gals (52" used 12")

Day	3	Date	02-15-09	Sunday
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7:00 am - Drilling @ 2515'

Ran 18.75 hours drilling. Down 5.25 hours (.50 rig check, .50 connection, 1.00 jet, .25 dis3.00 rig repair/trip for cracked collar)

Mud properties: wt. 8.9, vis. 56, water loss 6.8

Daily Mud Cost = \$1,208.95. Mud Cost to Date = \$5,645.90

Wt. on bit: 34,000, 80 RPM, 775# pump pressure

12 ¼" bit #1 (in @ 0' out @ 269') = 2.00 hrs. - 1190'

7 7/8" bit (in @ 269') = 45.50 hrs. - 2831'

Fuel usage: 475.20 gals (40" used 12")

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MORNING DRILLING REPORT			Fax to: Russell Oil & Todd Brown Email to: Leroy Holt, Steve Angle, Kevin Bailey			
Southwind Drilling, Inc. PO Box 276 8 North Main Ellinwood, KS 67526 620-564-3800		Wellsite Geologist: Steve Angle 785-483-1561		WELL NAME		Virginia #1-6
Rig #1 Phone Numbers				LOCATION		2150' FNL & 400' FWL Sec. 6-11S-22W Trego County, KS
620-794-2075	Rig Cellular (Dog house)			Russell Oil, Inc. PO Box 1469 Plainfield, IL 60544 815-609-7000		
620-794-2078	Geologist Trailer Cellular			ELEVATION		
620-617-7324	Tool Pusher Cellular	Frank Rome		G.L. 2262'	K.B. 2272'	API# 15-195-22597-00-00

Driving Directions: From Wakeeney: 8 miles North on Hwy. 283, 3 ¼ miles East on "A" Road, ½ mile South.

Day 4 Date 02-16-09 Monday

7:00 am - Drilling @ 3100'

Ran 18.50 hours drilling. Down 5.50 hours (.75 rig check, 1.00 connection, 1.75 CFS @ 3568', 1.25 short trip, .75 CTCH)

Mud properties: wt. 9.2, vis. 60, water loss 6.8

Daily Mud Cost = \$0.00. Mud Cost to Date = \$5,645.90

Wt. on bit: 34,000, 80 RPM, 800# pump pressure

12 ¼" bit #1 (in @ 0' out @ 269') = 2.00 hrs. - 1190'

7 7/8" bit (in @ 269') = 64.00 hrs. - 3299'

Fuel usage: 475.20 gals (28" used 12")

Day 5 Date 02-17-09 Tuesday DST #1 (3534' - 3568')

LKC formation
Recovered 10' oil & 190' water

Survey @ 3568' = ¼ degree
Pipe strap = 1.01 short to the board

7:00 am - CTCH after short trip @ 3568'

Ran 4.25 hours drilling. Down 19.75 hours (1.25 CTCH, .25 survey, 7.00 trip, 4.00 DST #1, 1.50 CFS @ 3584', 1.25 CFS @ 3591', 1.25 CFS @ 3609', 1.75 CFS @ 3625', 1.50 CFS @ 3637')

Mud properties: wt. 9.2, vis. 60, water loss 7.8

Daily Mud Cost = \$0.00. Mud Cost to Date = \$5,645.90

Wt. on bit: 34,000, 80 RPM, 800# pump pressure

12 ¼" bit #1 (in @ 0' out @ 269') = 2.00 hrs. - 1190'

7 7/8" bit (in @ 269') = 68.25 hrs. - 3368'

Fuel usage: 277.20 gals (72" used 7") 28" + 51" delivered = 79"

Day 6 Date 02-18-09 Wednesday DST #2 (3606' - 3637')

LKC formation
Recovered 780' gas in pipe,
60' gas cut oil, 90' gas mud cut oil,
180' gassy mud cut watery oil,
210' muddy water

7:00 am - Tripping out with bit for DST #2 @ 3637'

Ran 5.50 hours drilling. Down 18.50 hours (9.25 trip, 4.00 DST #2, 1.00 CTCH, 1.25 CFS @ 3665', .25 rig check, 1.50 CFS @ 3692', 1.25 CFS @ 3708')

Mud properties: wt. 9.2, vis. 63, water loss 8.0

Daily Mud Cost = \$35.10. Mud Cost to Date = \$5,681.00

Wt. on bit: 34,000, 80 RPM, 800# pump pressure

12 ¼" bit #1 (in @ 0' out @ 269') = 2.00 hrs. - 1190'

7 7/8" bit (in @ 269') = 73.75 hrs. - 3439'

Fuel usage: 316.80 gals (64" used 8")

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Southwind Drilling, Inc. PO Box 276 8 North Main Ellinwood, KS 67526 620-564-3800		Wellsite Geologist: Steve Angle 785-483-1561		WELL NAME		Virginia #1-6
Rig #1 Phone Numbers				LOCATION		2150' FNL & 400' FWL Sec. 6-11S-22W Trego County, KS
620-794-2075	Rig Cellular (Dog house)			Russell Oil, Inc. PO Box 1469 Plainfield, IL 60544 815-609-7000		
620-794-2078	Geologist Trailer Cellular			ELEVATION		
620-617-7324	Tool Pusher Cellular	Frank Rome		G.L. 2262'	K.B. 2272'	API# 15-195-22597-00-00

Driving Directions: From Wakeeney: 8 miles North on Hwy. 283, 3 ¼ miles East on "A" Road, ½ mile South.

Day	7
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Date 02-19-09 Thursday

DST #3 (3652' – 3708')

LKC formation
Recovered 100' gassy slightly oil cut mud, 60' gassy oil cut mud, 60' gassy slightly oil cut watery mud, 60' muddy water

DST #4 (3706' – 3744')

LKC formation
Recovered 20' slightly oil cut watery mud, 60' slightly oil cut muddy water 180' water

7:00 am – Tripping in with DST #3 @ 3708'

Ran 2.50 hours drilling. Down 21.50 hours (9.25 trip, 4.00 DST #3, 1.00 CTCH, 1.50 CFS @ 3724', .25 rig check, 1.50 CFS @ 3744', 4.00 DST #4)

Mud properties: wt. 9.4, vis. 51, water loss 8.0

Daily Mud Cost = \$0.00. Mud Cost to Date = \$5,681.00

Wt. on bit: 34,000, 80 RPM, 800# pump pressure

12 ¼" bit #1 (in @ 0' out @ 269') = 2.00 hrs. - 1190'

7 7/8" bit (in @ 269') = 76.25 hrs. - 3475'

Fuel usage: 237.60 gals (58" used 6")

Day	8
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Date 02-20-09 Friday

7:00 am – Tripping in with bit after DST #4 @ 3744'

Ran 11.25 hours drilling. Down 12.75 hours (5.00 trip, 2.00 CTCH, .25 rig repair, .50 connection, .25 rig check, 3.00 DST #5, 1.75 CFS @ 3970')

Mud properties: wt. 9.4, vis. 55, water loss 8.4

Daily Mud Cost = \$640.05. Mud Cost to Date = \$6,321.05

Wt. on bit: 34,000, 85 RPM, 800# pump pressure

12 ¼" bit #1 (in @ 0' out @ 269') = 2.00 hrs. - 1190'

7 7/8" bit (in @ 269') = 87.50 hrs. - 3701'

Fuel usage: 356.40 gals (49" used 9")

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Southwind Drilling, Inc. PO Box 276 8 North Main Ellinwood, KS 67526 620-564-3800		Wellsite Geologist: Steve Angle 785-483-1561	WELL NAME	Virginia #1-6		
Rig #1 Phone Numbers			LOCATION	2150' FNL & 400' FWL Sec. 6-11S-22W Trego County, KS		
620-794-2075	Rig Cellular (Dog house)		Russell Oil, Inc. PO Box 1469 Plainfield, IL 60544 815-609-7000			
620-794-2078	Geologist Trailer Cellular		ELEVATION	G.L. 2262'	K.B. 2272'	API# 15-195-22597-00-00
620-617-7324	Tool Pusher Cellular	Frank Rome				

Driving Directions: From Wakeeney: 8 miles North on Hwy. 283, 3 ¼ miles East on "A" Road, ½ mile South.

Day	9	Date	02-21-09	Saturday	<u>DST #5 (3878' – 3970')</u> <u>Arbuckle formation</u> <u>Recovered 30' mud cut oil</u>
					<u>Survey @ 3980' = 1 degree</u>
					<u>DST #6 (3970' – 3980')</u> <u>Arbuckle formation</u> <u>Recovered 5' oil & 120' mud</u>

RTD = 4025'
LTD = 4023'

7:00 am – On bottom with DST #5 @ 3970'
Ran 2.50 hours drilling. Down 21.50 hours (1.00 DST #5, 10.25 trip, 3.00 CTCH, 2.00 CFS @ 3977', 1.25 CFS @ 3980', .25 survey, 3.75 DST #6)
Mud properties: wt. 9.4, vis. 62, water loss 8.0
Daily Mud Cost = \$17.55. **Total Mud Cost = \$6,338.60**
Wt. on bit: 34,000, 80 RPM, 800# pump pressure
12 ¼" bit #1 (in @ 0' out @ 269') = 2.00 hrs. - 1190'
7 7/8" bit (in @ 269' out @ 4025') = 90.00 hrs. - 3756'

Fuel usage: 237.60 gals (43" used 6")

Day	10	Date	02-22-09	Sunday
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7:00 am – CTCH for log @ 4025'
Ran 0.00 hours drilling. Down 24.00 hours (.50 CTCH, 4.00 trip, 6.00 log, 3.00 lay down pipe, 1.00 nipple down, 1.00 plug, 8.50 tear down)

Fuel usage: 158.40 gals (39" used 4")

Plug well with 245 sacks of 60/40 Poz, 4% gel.
1st plug @ 3930' with 25 sacks. 2nd plug @ 1781' with 25 sacks. 3rd plug @ 887' with 100 sacks.
4th plug @ 320' with 40 sacks. 5th plug @ 40' with 10 sacks to surface.
Plug rat hole with 30 sacks. Plug mouse hole with 15 sacks.
Job complete @ 10:30 p.m. on 02-22-09 by Quality (tk #3804).

KANSAS CORPORATION COMMISSION

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