

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: OGD & A Docket #: (Oil, Gas D&A, SWD, ENHR, Water Supply Well, Cathodic, Other) (If SWD or ENHR)

The plugging proposal was approved on: 12-16-08 (Date)

by: Marvin Mills (KCC District Agent's Name)

Is ACO-1 filed? [X] 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 - 141-20398-00-00

Lease Name: Hirst-Becker Unit

Well Number: 1

Spot Location (QQQQ): S2 - N2 - N2 - NW 540 Feet from [X] North / [] South Section Line

1320 Feet from [] East / [X] West Section Line

Sec. 9 Twp. 10 S. R. 12 [] East [X] West

County: Osborne

Date Well Completed: D & A

Plugging Commenced: 12-18-08

Plugging Completed: 12-18-08

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

Table with 7 columns: Oil, Gas or Water Records (Formation, Content), Casing Record (Surface Conductor & Production) (From, To, Size, Put In, Pulled Out). Row 1: *see attached drilling report, 0', 282.00', 8 5/8" new 20#, 272.73', 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 205 sacks of 60/40 Poz, 4% gel, 1/4# floseal per sack.

1st plug @ 978' with 25 sacks. 2nd plug @ 712' with 100 sacks. 3rd plug @ 332' with 40 sacks.

4th plug @ 40' with 10 sacks to surface. Plug rat hole with 30 sacks.

Job complete @ 1:30 p.m. on 12-18-08 by Quality Cement (tk #1623)

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Name of Plugging Contractor: Southwind Drilling, Inc. License #: 33350

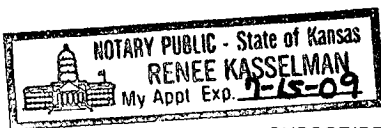
Address: PO Box 276, Ellinwood, KS 67526

CONSERVATION DIVISION WICHITA, KS

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) Todd E. Morgenstern

(Address) PO Box 276, Ellinwood, KS 67526

SUBSCRIBED and SWORN TO before me this 19 day of December, 20 08

Renee Kasselmann My Commission Expires: 7-15-09 Notary Public

Handwritten initials 'PK'

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

Lease: HIAST-Becker #1

Plugging received from KCC representative:

Name: Marvin Mills Date 12-16-08 Time 4:45

1st plug @ 978 ft. 25 sx. Stands: 15 1/2

2nd plug @ 712 ft. 100 sx. Stands: 11 1/2

3rd plug @ 332 ft. 40 sx. Stands: 5

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

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

Mousehole _____ sx.

Rahole 30 sx.

Total Cement used: 205 sx.

Type of cement 60/40 Po2. 4% Gel, 1/4" Flossal Per sk.

Plug down @ 1:30 P.M. 12-18-08

Call KCC When Completed:

Name: DAVID WETZ Date 12-18-08 Time 2:55

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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. 1623

Date <i>12-18-09</i>	Sec.	Twp.	Range	Called Out	On Location	Job Start	Finish
Lease <i>Hirst-Becker</i>	Well No. <i>1</i>	Location <i>Luray S N 1/2 E</i>			<i>Osborne</i> County	<i>KS</i>	State
Contractor <i>Southwind 3</i>				Owner <i>3/4 N 1/4 W</i>			
Type Job <i>plug</i>				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 <i>778</i>	T.D.	<i>3225</i>					
Csg.	Depth	Charge To <i>Russell Oil</i>					
Tbg. Size	Depth	Street					
Drill Pipe	Depth	City					
Tool	Depth	State					
Cement Left in Csg.	Shoe Joint	The above was done to satisfaction and supervision of owner agent or contractor.					
Press Max.	Minimum						
Meas Line	Displace						
Perf.	CEMENT						
EQUIPMENT				Amount Ordered <i>205⁶⁰ 4% gel 1/4 Flowseal</i>			
Pumptrk <i>9</i>	No.	Cementer	Helper <i>Blake</i>				
Bulktrk <i>3</i>	No.	Driver	Driver <i>Doug</i>				
Bulktrk <i>pu</i>	No.	Driver	Driver <i>Dave</i>				
JOB SERVICES & REMARKS				Gel.			
Pumptrk Charge <i>plug.</i>				Chloride			
Mileage				Hulls			
Footage				Salt			
Total				Flowseal			
Remarks:				RECEIVED KANSAS CORPORATION COMMISSION			
<i>25 sk @ 978</i>				DEC 23 2008 CONSERVATION DIVISION WICHITA, KS			
<i>100 @ 712</i>							
<i>40 @ 332</i>							
<i>10 @ 40 wk plug</i>							
<i>30 sk Rat hole</i>							
				Sales Tax			
				Handling			
				Mileage			
				Sub Total			
				Total			
				Floating Equipment & Plugs <i>plug</i>			
				Squeeze Manifold			
				Rotating Head			
<i>Thanks</i>							
<i>please call again</i>							
<i>Dave, Blake, Doug,</i>							
				Tax			
				Discount			
				Total Charge			
X Signature <i>Jay Shriv</i>							

SOUTHWIND DRILLING, INC.

RIG #3

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

DRILLING REPORT

Hirst-Becker Unit #1

Location: 540' FNL & 1320' FWL
API#: 15-141-20398-00-00

Section 9-10S-12W
Osborne County, Kansas

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

COMMENCED: 12-12-08
COMPLETED: 12-18-08

TOTAL DEPTH: Driller: 3225'
Logger: 3225'

Ground Elevation: 1862'
KB Elevation: 1870'

LOG :

0'	-	963'	Clay/Shale
963'	-	993'	Anhydrite
993'	-	1660'	Shale
1660'	-	3225'	Lime/Shale
		3225'	RTD

CASING RECORDS

Surface casing - 8 5/8"

Ran 6 joints of 20# new 8 5/8" surface casing. Tally @ 272.73'. Set @ 282.00'. Cement with 175 sacks of common, 3% calcium chloride, 2% gel. Cement did circulate. Plug down @ 4:00 a.m. on 12-13-08 by Quality (tkr #2371)

Production casing - 5 1/2"

None - plugged the well

DEVIATION SURVEYS

3/4 degree (s)	@	282'
1 1/2 degree (s)	@	3165'

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WICHITA, KS

MORNING DRILLING REPORT				Email to: LeRoy Holt, Roger Moses, Steve Angle/ Fax to: Russell Oil			
Southwind Drilling, Inc. PO Box 276 - 8 North Main Ellinwood, KS 67526 620-564-3800		Wellsite Geologist: Roger Moses 785-656-1729		WELL NAME Hirst-Becker Unit #1		LOCATION 540' FNL & 1320' FWL' Sec. 9-10S-12W Osborne County, KS	
Rig #3 Phone Numbers				Russell Oil, Inc. PO Box 1469 Plainfield, IL 60544 815-609-7000			
620-566-7104	Rig Cellular (Dog house)			ELEVATION	G.L. 1862'	K.B. 1870'	API# 15-141-20398-00-00
620-566-7108	Geologist Trailer Cellular						
620-617-4477	Tool Pusher Cellular		Jay Krier				

Driving Directions: From Luray (281 Hwy. & 18 Hwy): 6 miles North, 1 ¼ miles East, South into.

Day 1 Date 12-12-08 Friday Survey @ 282' = ¾ degree

Moved Rig #3 on location

Spud @ 9:45 p.m.

Ran 3.25 hours drilling (1.00 drill rat hole, 2.25 drill 12 ¼"). Down 20.75 hours (9.50 rig up, 4.75 rig repair, .50 circulate, .50 trip, .25 survey, 1.25 run casing and cement, 3.00 wait on cement, 1.00 connection)

Mud properties: spud mud

Daily Mud Cost = \$1,357.75. Mud Cost to Date = \$1,357.75

Wt. on bit: 20,000, 120 RPM, 600# pump pressure

12 ¼" bit #1 (in @ 0') = 2.25 hrs. - 282'

1" fuel = 39.00 gals.

Fuel usage: 117.00 gals. (27" used 3") Start @ 30"

Ran 6 joints of 20# new 8 5/8" surface casing. Tally @ 272.73'. Set @ 282.00'. Cement with 175 sacks of common, 3% calcium chloride, 2% gel. Cement did circulate. Plug down @ 4:00 a.m. on 12-13-08 by Quality (tk #2371)

Day 2 Date 12-13-08 Saturday

7:00 am - Waiting on cement @ 282'

Ran 12.00 hours drilling. Down 12.00 hours (5.00 wait on cement, .50 drill plug, .50 rig check, 2.25 rig repair, 1.00 jet, 2.75 connection)

Mud properties: spud mud

Daily Mud Cost = \$0.00. Mud Cost to Date = \$1,357.75

Wt. on bit: 28,000, 80 RPM, 1000# pump pressure

12 ¼" bit #1 (in @ 0' out @ 282') = 2.25 hrs. - 282'

7 7/8" bit #1 (in @ 282') = 12.00 hrs. - 1378'

Fuel usage: 429.00 gals. (73" used 11") 27" + 57" delivered = 84"

Day 3 Date 12-14-08 Sunday Anhydrite (963' - 993')

7:00 am - Drilling @ 1660'

Ran 20.25 hours drilling. Down 3.75 hours (1.25 rig check, .50 rig repair, .50 jet, 1.50 connection)

Mud properties: spud mud

Daily Mud Cost = \$2,023.45. Mud Cost to Date = \$3,381.20

Wt. on bit: 30,000, 80 RPM, 1000# pump pressure

12 ¼" bit #1 (in @ 0' out @ 282') = 2.25 hrs. - 282'

7 7/8" bit #1 (in @ 282') = 32.25 hrs. - 2103'

Fuel usage: 468.00 gals. (61" used 12")

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Southwind Drilling, Inc. PO Box 276 - 8 North Main Ellinwood, KS 67526 620-564-3800		Wellsite Geologist: Roger Moses 785-656-1729		WELL NAME	Hirst-Becker Unit #1
				LOCATION	540' FNL & 1320' FWL' Sec. 9-10S-12W Osborne County, KS
Rig #3 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. 1862'	K.B. 1870'
					API# 15-141-20398-00-00

Driving Directions: From Luray (281 Hwy. & 18 Hwy): 6 miles North, 1 ¼ miles East, South into.

Day 4 Date 12-15-08 Monday

7:00 am - Drilling @ 2385'
 Ran 20.75 hours drilling. Down 3.25 hours (.50 rig check, .25 rig repair, 1.50 connection, 1.00 displace @ 2462')
 Mud properties: wt. 8.8, vis. 53, water loss 9.2
 Daily Mud Cost = \$2,965.10. Mud Cost to Date = \$6,346.30
 Wt. on bit: 30,000, 80 RPM, 1000# pump pressure
 12 ¼" bit #1 (in @ 0' out @ 282') = 2.25 hrs. - 282'
 7 7/8" bit #1 (in @ 282') = 53.00 hrs. - 2778'
 Fuel usage: 507.00 gals. (48" used 13")

Day 5 Date 12-16-08 Tuesday Survey @ 3165' = 1 ½ degree
Pipe strap = 2.96 short to the board

7:00 am - Drilling @ 3060'
 Ran 3.25 hours drilling. Down 20.75 hours (1.00 CFS @ 3142', 1.50 CFS @ 3165', 1.00 CTCH, .25 survey, 6.50 trip, 8.25 rig repair, 1.75 DST #1, .25 connection, .25 rig check)
 Mud properties: wt. 9.0, vis. 54, water loss 7.8
 Daily Mud Cost = \$1,773.85. Mud Cost to Date = \$8,120.15
 Wt. on bit: 30,000, 80 RPM, 1000# pump pressure
 12 ¼" bit #1 (in @ 0' out @ 282') = 2.25 hrs. - 282'
 7 7/8" bit #1 (in @ 282') = 56.25 hrs. - 2883'
 Fuel usage: 507.00 gals. (35" used 13")

Day 6 Date 12-17-08 Wednesday DST #1 (3087' - 3165')
LKC "A" - "C" formation
Recovered 60' muddy water with
slight oil scum

RTD = 3225'
LTD = 3225'

7:00 am - Tripping out with DST #1 @ 3165'
 Ran 3.25 hours drilling. Down 20.75 hours (.25 connection, .50 CTCH, 1.00 CFS @ 3225', 7.25 trip, 7.50 rig repair, 3.75 log, .50 wait on orders)
 Mud properties: wt. 9.1, vis. 68, water loss 8.4
 Daily Mud Cost = \$-25.25. **Total Mud Cost = \$8,094.90**
 Wt. on bit: 30,000, 80 RPM, 900# pump pressure
 12 ¼" bit #1 (in @ 0' out @ 282') = 2.25 hrs. - 282'
 7 7/8" bit #1 (in @ 282' out @ 3165') = 56.25 hrs. - 2883'
 7 7/8" bit #2 (in @ 3165' out @ 3225') = 3.25 hrs. - 60'
 Fuel usage: 273.00 gals. (28" used 7")

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620-617-4477	Tool Pusher Cellular	Jay Krier			
		ELEVATION	G.L. 1862'	K.B. 1870'	API# 15-141-20398-00-00

Driving Directions: From Luray (281 Hwy. & 18 Hwy): 6 miles North, 1 ¼ miles East, South into.

Day 7 Date 12-18-08 Thursday

7:00 am – Tripping in with bit to lay down drill pipe @ 3225'
Ran 0.00 hours drilling. Down 16.00 hours (3.50 lay down pipe, 1.00 nipple down, 1.00 trip, 1.00 plug, 9.50 tear down)

Fuel usage: 117.00 gals. (25" used 3")

Plug well with 205 sacks of 60/40 Poz, 3% gel, ¼# floseal per sack.
1st plug @ 978' with 25 sacks. 2nd plug @ 712' with 100 sacks. 3rd plug @ 332' with 40 sacks.
4th plug @ 40' with 10 sacks to surface. Plug rat hole with 30 sacks.
Job complete @ 1:30 p.m. on 12-18-08 by Quality Cement (tk #1623)

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