

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

The plugging proposal was approved on: 07-07-05 (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 - 065-23073-00-00

Lease Name: Law "D"

Well Number: 1-24

Spot Location (QQQ): N/2 - S/2 - SW - NE 2310 Feet from North / South Section Line

2150 Feet from East / West Section Line

Sec. 24 Twp. 8 S. R. 23 East West

County: Graham

Date Well Completed: D & A

Plugging Commenced: 07-08-05

Plugging Completed: 07-08-05

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

Table with 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', 266', 8 5/8" used 20#, 254', 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 200 sacks of 60/40 Poz, 6% gel, 1/4# flo-seal per sack.

1st plug @ 1825' with 25 sacks. 2nd plug @ 875' with 100 sacks. 3rd plug @ 325' with 40 sacks. 4th plug @ 40' with 10 sacks to surface. Plug rat hole with 15 sacks. Plug mouse hole with 10 sacks. Plug down @ 10:15 pm on 07-08-05 by Acid Services (tk #10618.)

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

Address: PO Box 276, 8 North Main, Ellinwood, KS 67526

Name of Party Responsible for Plugging Fees: LeRoy Holt II

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, 8 North Main, Ellinwood, KS 67526

SUBSCRIBED and SWORN TO before me this 11 day of July, 20 05

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KCC WICHITA

(Signature) Renee Kasselmann Notary Public

My Commission Expires: 7-15-09

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

Handwritten signature/initials.

SOUTHWIND DRILLING, INC.
RIG #1

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

DRILLING REPORT

Law "D" #1-24

Location: 2310' FNL & 2150' FEL
API#: 15-065-23073-00-00

Section 24-8S-23W
Graham County, Kansas

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

COMMENCED: 07-01-05
COMPLETED: 07-08-05

TOTAL DEPTH: Driller: 3680'
Log: 3677'

Ground Elevation: 2153'
KB Elevation: 2163'

LOG :

0'	-	270'	Sand/Lime
270'	-	1788'	Sand/Shale
1788'	-	1827'	Anhydrite
1827'	-	2440'	Shale/Sand
2440'	-	2693'	Shale
2693'	-	2851'	Sand/Shale
2851'	-	2995'	Shale
2995'	-	3080'	Shale/Lime
3080'	-	3365'	Shale
3365'	-	3476'	Lime/Shale
3476'	-	3584'	Shale
3584'	-	3680'	Lime/Shale
		3677'	LTD
		3680'	RTD

CASING RECORDS

Surface casing – 8 5/8"

Ran 6 joints of 20# used 8 5/8" surface casing. Tally @ 254'. Set @ 266'. Cement with 200 sacks of 60/40 Poz, 2% gel, 3% calcium chloride. Cement did circulate. Plug down @ 3:30 am on 07-02-05 by Acid Services (tk #10567)

Production casing – 5 1/2"

None – plugged well

DEVIATION SURVEYS

1/2 degree (s)	@	270'
1/8 degree (s)	@	3019'
1/2 degree (s)	@	3584'

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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)		WELL NAME		Law "D" #1-24	
				LOCATION		2310' FNL & 2150' FEL Sec. 24-8S-23W Graham County, Kansas	
Rig #1 Phone Numbers		N USE		Russell Oil, Inc. PO Box 1469 Plainfield, IL 60544 Office: 815-609-7000			
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. 2153'	K.B. 2163'	API# 15-065-23073-00-00

Driving Directions: From US Highway 283 & River bridge South of Hill City: At intersection South of bridge, go East ½ mile (=/-) on North side.

Day 1 Date 07-01-05 Friday Survey @ 270' = ½ degree

Moved Rig #1 on location
Spud @ 8:30 pm
Ran 3.50 hours drilling (.50 drill rat hole, 3.00 drill 12 ¼"). Down 20.50 hours (13.00 move/rig up, 1.75 connection, .25 CTCH, .25 pull bit, 1.75 run/cement casing, 3.50 wait on cement)
Mud properties: fresh water
Daily Mud Cost = \$0.00. Mud Cost to Date = \$0.00
Wt. on bit: 30,000, 80 RPM, 700# pump pressure
Hours on 12 ¼" bit: 3.00

1" fuel = 37.75 gals
Fuel usage: 113.25 gals. (48"used 3")

Day 2 Date 07-02-05 Saturday

Ran 6 joints of 20# used 8 5/8" surface casing. Tally @ 254'. Set @ 266'. Cement with 200 sacks of 60/40 Poz, 2% gel, 3% calcium chloride. Cement did circulate. Plug down @ 3:30 am on 07-02-05 by Acid Services (tkr #7060)

7:00 am – Waiting on cement @ 270'
Ran 10.75 hours drilling. Down 13.25 hours (4.50 wait on cement, .75 drill plug/cement, .75 rig check, 1.50 connection, .25 jet, 5.50 rig repair)
Mud properties: fresh water
Daily Mud Cost = \$0.00. Mud Cost to Date = \$0.00
Wt. on bit: 30,000, 80 RPM, 700# pump pressure
Hours on 12 ¼" bit: 3.00
Hours on 7 7/8" bit: 10.75

Fuel usage: 302.00 gals. (40"used 8")

Day 3 Date 07-03-05 Sunday

7:00 am – Working on the pump @ 1380'
Ran 19.00 hours drilling. Down 5.00 hours (.50 rig check, .75 jet, 2.00 connection, 1.75 rig repair)
Mud properties: wt. 9.0, vis. 29
Daily Mud Cost = \$2,772.68. Mud Cost to Date = \$2,772.68
Wt. on bit: 30,000, 80 RPM, 700# pump pressure
Hours on 12 ¼" bit: 3.00
Hours on 7 7/8" bit: 29.75

Fuel usage: 226.50 gals. (34"used 6")

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Southwind Drilling, Inc. PO Box 276 112 North Main Ellinwood, KS 67526		Wellsite Geologist: Todd Morgenstern 620-786-1729 (mobile)		WELL NAME		Law "D" #1-24	
				LOCATION		2310' FNL & 2150' FEL Sec. 24-8S-23W Graham County, Kansas	
Rig #1 Phone Numbers		N USE		Russell Oil, Inc. PO Box 1469 Plainfield, IL 60544 Office: 815-609-7000			
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. 2153'	K.B. 2163'	API# 15-065-23073-00-00

Driving Directions: From US Highway 283 & River bridge South of Hill City: At intersection South of bridge, go East ½ mile (=/-) on North side.

Day 4 Date 07-04-05 Monday **Anhydrite (1788'-1827')**

7:00 am - Drilling @ 2440'

Ran 17.50 hours drilling. Down 6.50 hours (3.00 jet, 1.00 connection, 2.00 rig repair, .50 rig check)

Mud properties: wt. 8.7, vis. 46, water loss 7.6

Daily Mud Cost = \$445.47. Mud Cost to Date = \$3,218.15

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

Hours on 12 ¼" bit: 3.00

Hours on 7 7/8" bit: 47.25

Fuel usage: 358.63 gals. (79"used 9 ½") 34" + 54 ½" = 88 ½"

Day 5 Date 07-05-05 Tuesday **Survey @ 3019' = 1/8 degree
Strap = .50 long to board**

7:00 am - Drilling @ 2995'

Ran 19.25 hours drilling. Down 4.75 hours (.75 rig check, 1.00 connection, 2.75 bit trip @ 3019', .25 survey)

Mud properties: wt. 9.2, vis. 46, water loss 8.0

Daily Mud Cost = \$229.51. Mud Cost to Date = \$3,447.66

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

Hours on 12 ¼" bit: 3.00

Hours on 7 7/8" bit#1: 48.00

Hours on 7 7/8" bit #2: 18.50

Fuel usage: 320.88 gals. (70 ½ "used 8 ½")

Day 6 Date 07-06-05 Wednesday **Survey @ 3584' = ½ degree
Strap = .50 long to board**

7:00 am - Drilling @ 3365'

Ran 13.25 hours drilling. Down 10.75 hours (.50 rig check, .50 connection, .25 jet, 1.50 CFS @ 3476', 1.00 CFS @ 3497', 1.25 CFS @ 3584', .50 trip, .25 survey, 1.00 CTCH, 2.00 pull bit, 2.00 make up tool/trip in)

Mud properties: wt. 9.2, vis. 46, water loss 8.0

Daily Mud Cost = \$559.79. Mud Cost to Date = \$4,007.45

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

Hours on 12 ¼" bit: 3.00

Hours on 7 7/8" bit#1: 48.00

Hours on 7 7/8" bit #2: 31.75

Fuel usage: 396.38 gals. (60"used 10 ½")

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Southwind Drilling, Inc. PO Box 276 112 North Main Ellinwood, KS 67526		Wellsite Geologist: Todd Morgenstern 620-786-1729 (mobile)		WELL NAME		Law "D" #1-24	
				LOCATION		2310' FNL & 2150' FEL Sec. 24-8S-23W Graham County, Kansas	
Rig #1 Phone Numbers		N USE		Russell Oil, Inc. PO Box 1469 Plainfield, IL 60544 Office: 815-609-7000			
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. 2153'	K.B. 2163'	API# 15-065-23073-00-00

Driving Directions: From US Highway 283 & River bridge South of Hill City: At intersection South of bridge, go East ½ mile (=/-) on North side.

Day 7 Date 07-07-05 Thursday

DST #1 (3532'-3584')
LKC "H" & "I" formation
30-30-30-30
Initial blow = weak ½" blow that
died in 20 minutes
Initial shut in blow = no blow
Final blow = no blow
Final shut in blow = no blow
Recovered 6' mud w/ oil spots
IHP = 1766 IFP = 16-35
ISIP = 606 FFP = 18-23
FSIP = 452 FHP = 1731
Tempature = 109

DST #2 (3578'-3597')
LKC "J" formation
60-60-60-90
Initial blow = good blow building
to 9 ¾"
Initial shut in blow = no blow
Final blow = weak blow building
to 4"
Final shut in blow =no blow
Recovered 180' muddy water
IHP = 1772 IFP = 31-63
ISIP = 240 FFP = 84-96
FSIP = 216 FHP = 1743
Tempature = 111

7:00 am – Going in the hole with DST #1

Ran 3.50 hours drilling. Down 20.50 hours (.50 trip in w/ tool, 2.00 DST #1, 1.75 pull tool, 1.50 trip in w/ bit, 1.00 CTCH, 1.25 CFS @ 3597', 1.75 pull bit for DST #2, 2.00 trip in w/ tool, 4.50 DST #2, 2.25 pull tool, 1.50 trip in w/ bit, .50 CTCH)

Mud properties: wt. 9.3, vis. 49, water loss 8.0

Daily Mud Cost = \$0.00. Mud Cost to Date = \$4,007.45

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

Hours on 12 ¼" bit: 3.00

Hours on 7 7/8" bit #1: 48.00

Hours on 7 7/8" bit #2: 31.75

Hours on 7 7/8" bit #3: 3.50

Fuel usage: 169.88 gals. (55 ½ "used 4 ½")

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Southwind Drilling, Inc. PO Box 276 112 North Main Ellinwood, KS 67526			Wellsite Geologist: Todd Morgenstern 620-786-1729 (mobile)		WELL NAME		Law "D" #1-24
					LOCATION		2310' FNL & 2150' FEL Sec. 24-8S-23W Graham County, Kansas
Rig #1 Phone Numbers			N USE		Russell Oil, Inc. PO Box 1469 Plainfield, IL 60544 Office: 815-609-7000		
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. 2153'	K.B. 2163'
				API# 15-065-23073-00-00			

Driving Directions: From US Highway 283 & River bridge South of Hill City: At intersection South of bridge, go East ½ mile (=/-) on North side.

Day 8 Date 07-08-05 Friday

RTD = 3680'
LTD = 3677'

7:00 am – Drilling @ 3626'

Ran 2.50 hours drilling. Down 21.50 hours (1.00 CFS @ 3680', 1.75 pull bit, 2.50 log, .75 run pipe in, 2.25 lay down pipe, .50 run plugging stands in, 3.75 plug, 25 rig check, 8.75 rig down)

Mud properties: wt. 9.3, vis. 49, water loss 8.0

Daily Mud Cost = \$66.62. **Total Mud Cost = \$4,074.07**

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

Hours on 12 ¼" bit: 3.00

Hours on 7 7/8" bit #1: 48.00

Hours on 7 7/8" bit #2: 31.75

Hours on 7 7/8" bit #3: 6.00

Fuel usage: 151.00 gals. (51 ½ "used 4")

Plug hole with 200 sacks of 60/40 Poz, 6% gel, ¼# flo-seal per sack. 1st plug @ 1825' with 25 sacks. 2nd plug @ 875' with 100 sacks. 3rd plug @ 325' with 40 sacks. 4th plug @ 40' with 10 sacks to surface. Plug rat hole with 15 sacks. Plug mouse hole with 10 sacks. Plug down @ 10:15 pm on 07-08-05 by Acid Services (tk # 10618)

Day 9 Date 07-09-05 Saturday

7:00 am – Moving rig off location

FINAL LOG TOPS:

3164'	Topeka	(-1001)
3379'	Heebner	(-1216)
3404'	Toronto	(-1241)
3415'	Lansing	(-1252)
3539'	Muncie Crk	(-1376)
3603'	Stark	(-1440)
3636'	Base KC	(-1473)

Law "C" #1-24

-1	Topeka	(-1002)
Flat	Heebner	(-1216)
-1	Toronto	(-1240)
-2	Lansing	(-1254)
-4	Muncie Crk	(-1372)
-2	Stark	(-1438)
-1	Base KS	(-1472)

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TREATMENT REPORT

Customer ID	Date
Customer Russell Oil, Incorporated	7-8-05
Lease Law "D"	Lease No.
	Well # 1-24

Field Order # 10618	Station Pratt	Casing 4 1/2" D.P.	Depth 1825'	County Graham	State KS.
Type Job Cement Plug To Abandon - New Well			Formation	Legal Description 24-85-23W	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 4 1/2" D.P.	Tubing Size	Shots/Ft		Cement Acid 200 sacks 60/40 Poz with 6% Gel	RATE	PRESS	ISIP	
Depth	Depth	From	To	Base Pad 13.3 #/Gal., 8.09 Gal.	Max	1/4 #15# Cell flake	5 Min.	
Volume	Volume	From	To	Pad	Min	1.59 cu ft. / sk.	10 Min.	
Max Press	Max Press	From	To	Enac	Avg		15 Min.	
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth	Packer Depth	From	To	Flush	Gas Volume		Total Load	

Customer Representative Daryl Frier	Station Manager Dave Autry	Treater Clarence R. Messick
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Service Units	119	226	304	501					
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Time Pm	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
4:00					Trucks on location and hold safety meeting
					1 st Plug 25 sacks at 1825'
6:24	300			6	Start Fresh H ₂ O Pre-Flush
	300		20	5	Start mix 25 sacks cement
	300		27	6	Start Fresh H ₂ O Displacement
7:45			47		2 nd Plug 100 sacks at 875'
7:45	200		20	6	Start Fresh H ₂ O Pre-Flush
	200		20	5	Start mix 100 sacks cement
	200		48	6	Start Fresh H ₂ O Displacement
8:30			57		3 rd Plug 40 sacks at 325'
8:30	100			6	Start Fresh H ₂ O Pre-Flush
	100		5	5	Start mix 40 sacks cement
	100		16	5	Start Fresh H ₂ O Displacement
			17		4 th Plug 10 sacks at 40'
					Push warden Plug down with Drill Pipe
				5	Start mix 10 sacks cement
9:30	KCC WICHITA		3		Circulate cement to surface
			4-3	5	Plug rat and mouse holes
10:00					Washup pump truck
10:30					Job Complete

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Thanks Clarence R. Messick



INVOICE NO.
Date 7-8-05
Customer ID

Subject to Correction

FIELD ORDER 10618

Lease Law "D"	Well # 1-24	Legal 24-85-23W
County Graham	State KS	Station Pratt

CHARGE

Russell Oil, Incorporated

Depth	Formation	Shoe Joint
Casing "D.P." 4 1/2 D.P.	Casing Depth	TD
Customer Representative Daryl Krier	Treater Clarence R. Messick	Job Type Cement - P.T.A. - New Well

AFE Number

PO Number

Materials Received by

X Daryl Krier by Clarence R. Messick

Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D-203	200 sks	60/40 Poz (common)				
C-194	50 lbs.	Cell Flake				
C-320	688 lbs.	Cement Gel				
F-163	1 ea.	8 5/8" Wooden Plug				
E-100	165 mi.	Heavy Vehicle Mileage,	1-way			
E-101	165 mi.	Pickup Mileage,	1-way			
E-104	1419 tm.	Bulk Delivery				
E-107	200 sk.	Cement Service Charge				
R-400	1 ea.	Cement Pump, Plug and Abandon				
		Discounted Price =		\$ 4,980.23		
		Plus taxes				
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SOUTHWIND DRILLING, INC.
PLUGGING ORDERS AND REPORTS

Lease: LAW "0" # 1-24

Plugging received from KCC representative:

Name: HERB DIENES Date 7-7-05 Time 3:30 P:M:

1st plug @ 1825 ft. 25 sx. Stands: 30

2nd plug @ 875 ft. 100 sx. Stands: 14 1/2

3rd plug @ 325 ft. 40 sx. Stands: 5 1/2

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

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

Mousehole 10 sx.

Rahole 15 sx.

Total Cement used: 200 sx.

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

Plug down @ 10:15 P:M: BY ACID SERVICE T.NO.-10618-7-8-05

Call KCC When Completed:

Name: HERB DIENES Date 7-11-05 Time 8:50 A:M:

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