

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
**WELL COMPLETION FORM**  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Form ACO-1  
September 1999  
Form Must Be Typed

CONFIDENTIAL

Operator: License # 3293  
Name: Russell Oil, Inc.  
Address: PO Box 1469  
City/State/Zip: Plainfield, IL 60544  
Purchaser: NA  
Operator Contact Person: LeRoy Holt II  
Phone: (815) 609-7000  
Contractor: Name: Shields Oil Producers, Inc.  
License: 5184  
Wellsite Geologist: Todd Morgenstern  
Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  SWD  SLOW  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Cathodic, etc)  
If Workover/Re-entry: Old Well Info as follows:  
Operator: \_\_\_\_\_  
Well Name: \_\_\_\_\_  
Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_  
 Deepening  Re-perf.  Conv. to Enhr./SWD  
 Plug Back  Plug Back Total Depth  
 Commingled  Docket No. \_\_\_\_\_  
 Dual Completion  Docket No. \_\_\_\_\_  
 Other (SWD or Enhr.?)  Docket No. \_\_\_\_\_  
8-3-2004      8-9-2004      8-9-2004  
Spud Date or      Date Reached TD      Completion Date or  
Recompletion Date                Recompletion Date

API No. 15 - 15-065-22982-00-00  
County: Graham  
- SE NW Sec. 12 Twp. 8 S. R. 23  East  West  
2020 feet from S /  (circle one) Line of Section  
2110 feet from E /  (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE  SW  
Lease Name: F & M Well #: 1-12  
Field Name: Wildcat  
Producing Formation: not applicable  
Elevation: Ground: 2169' Kelly Bushing: 2174'  
Total Depth: 3700' Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at 226 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from \_\_\_\_\_  
feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.  
ACT II P&P WITHIN 10-17-06

**Drilling Fluid Management Plan**  
(Data must be collected from the Reserve Pit)  
Chloride content 2200 ppm Fluid volume 620 bbls  
Dewatering method used evaporation  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market, Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: Uvan de la Cruz  
Title: President Date: 11-18-2004  
Subscribed and sworn to before me this 18 day of NOVEMBER,  
20 04.  
Notary Public: Patti Holt  
Date Commission Expires: 7/23/08

OFFICIAL SEAL  
PATTI HOLT  
NOTARY PUBLIC, STATE OF ILLINOIS  
MY COMMISSION EXPIRES 7-23-2008

**KCC Office Use ONLY**  
 Letter of Confidentiality Received  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

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NOV 23 2004  
KCC WICHITA

Operator Name: Russell Oil, Inc. Lease Name: F & M Well #: 1-12  
 Sec. 12 Twp. 8 S. R. 23  East  West County: Graham

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken  Yes  No  
 (Attach Additional Sheets)  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No  
 Electric Log Run  Yes  No  
 (Submit Copy)  
 List All E. Logs Run:

CNL/CDL, DIL, MEL, Sonic

Log Formation (Top), Depth and Datum  Sample  
 Name Top Datum

See Geologists report for the complete list of all zones of interest, tops, & datums.

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 COURTESY

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12 1/4"	8 5/8"	23#	226'	60/40 poz	150	2% gel, 3% cc

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth

TUBING RECORD		Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.		Producing Method			
		<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas  Vented  Sold  Used on Lease (If vented, Submit ACO-18.)

METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

Production Interval \_\_\_\_\_

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09:11:17

REPORT COPY

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# *GEOLOGICAL REPORT*

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FROM  
CONFIDENTIAL



*RUSSELL OIL, INC.*

F & M #1-12  
2020' FNL & 2110' FWL  
Section 12-8S-23W  
Graham County, Kansas

**Todd E. Morgenstern**  
Petroleum Geologist  
Sunflower Bank Building  
P.O. Box 251  
Ellinwood, Kansas 67526

RECEIVED  
NOV 23 2004  
KCC WICHITA

OPERATOR: Russell Oil, Inc.

WELL: F & M #1-12  
API # 15-065-22,982-00-00

LOCATION: 2020' from the North Line  
2110' from the West Line  
Section 12-8S-23W  
Graham County, Kansas

FIELD: Wildcat

CONTRACTOR: Shields Drilling Inc.

DRILLING COMMENCED: 08-03-2004

DRILLING COMPLETED: 08-09-2004

DRILLING TIME: One (1) foot drilling time was recorded  
from 3000' to 3700' RTD.

SAMPLES: Samples were saved and examined from 3000'  
to 3700' RTD.

ELEVATIONS: 2169' Ground Level    2174' Kelly Bushing

MEASUREMENTS: All depths are measured from 2174' K.B.

CASING RECORD: 8 5/8" Surface Casing set @ 226' with 150 sxs. 60/40 poz

FORMATION TESTING: No tests were run.

MUD: Mud-Co. (Chemical Mud)

OPEN HOLE LOGS: Log-Tech Inc. (CNL/CDL, DIL, MEL & Sonic)

PRODUCTION: D & A

FORMATION TOPS:

FORMATION	SAMPLE	LOG	DATUM
ANHYDRITE	1836'	1836'	+ 337'
BASE ANHYDRITE	1867'	1867'	+ 306'
TOPEKA	3204'	3206'	-1032'
HEEBNER SHALE	3421'	3418'	-1244'
TORONTO	3444'	3442'	-1268'
LANSING	3457'	3458'	-1284'
STARK SHALE	3636'	3635'	-1461'
BASE KANSAS CITY	3669'	3666'	-1492'
ROTARY TOTAL DEPTH	3700'	*****	-1526'
LOG TOTAL DEPTH	*****	3700'	-1526'

**SAMPLE DESCRIPTIONS AND TEST DATA:**

**TOPEKA:**

3238-3246 Limestone, white and gray, finely crystalline, chalky, poor visible porosity, no shows of oil were noted.

3368-3380 Limestone, white, gray and tan, fine to medium crystalline, slightly fossiliferous, good visible intercrystalline porosity, slightly chalky, no shows of oil were noted.

**TORONTO:**

3442-3452 Limestone, white and cream, finely crystalline, abundant white chert, poor visible porosity, slightly chalky, no shows of oil were noted.

**LANSING:**

3458-3468 Limestone, white, finely crystalline, with white chert, poor visible porosity, trace of light staining, no show of free oil, no odor.

3492-3499 Limestone, white and gray, finely crystalline, suboolitic, poor visible porosity, no shows of oil were noted.

3508-3518 Limestone, white and tan, finely crystalline, dense, chalky, very poor porosity, no shows of oil were noted.

3532-3542 Limestone, white and gray, finely crystalline, dense, with minor white chert, slightly chalky, no shows of oil were noted.

3591-3602 Limestone, gray and tan, finely crystalline, dense, oolitic, poor visible porosity, no shows of oil were noted.

3612-3618 Limestone, white and tan, finely crystalline, slightly fossiliferous and oolitic, chalky in part, no shows of oil were noted.

- 3626-3635 Limestone, white and gray, dense, chalky, slightly oolitic and fossiliferous, no shows of oil were noted.
- 3645-3653 Limestone, gray and tan, finely crystalline, slightly oolitic and fossiliferous, trace of scattered porosity, trace of heavy dead appearing oil, no show of free oil, no odor.
- 3660-3668 Limestone, white and gray, finely crystalline, dense, slightly chalky, no shows of oil were noted.

**STRUCTURAL COMPARISION:**

	<b>Russell Oil</b>	<b>Harry Gore</b>
	F & M #1-12	Hill City #1
	<b>2020' FNL &amp; 2110' FWL</b>	330' FNL & 2310' FEL
	Sec. 12-8S-23W	Sec. 12-8S-23W
	D&A	D&A
ANHYDRITE	+ 337'	+358'
BASE ANHYDRITE	+ 306'	N/A
TOPEKA	-1032'	N/A
HEEBNER SHALE	-1244'	-1232'
TORONTO	-1268'	-1255'
LANSING	-1284'	-1269'
STARK	-1461'	N/A
BASE KANSAS CITY	-1492'	N/A

**SUMMARY:**

The F & M #1-12 was under geological supervision from 3000' to 3700' RTD. With the poor structural position and lack of any commercial shows, it was decided that this well should be plugged and abandoned.

Respectfully submitted,



Todd E. Morgenstern

# ALLIED CEMENTING CO., INC. 14945

Federal Tax I.D.#

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:  
OAKLEY

DATE <u>8-9-04</u>	SEC. <u>12</u>	TWP. <u>8S</u>	RANGE <u>23W</u>	CALLED OUT	ON LOCATION <u>9:00 AM</u>	JOB START <u>9:15 AM</u>	JOB FINISH <u>11:30 AM</u>
LEASE <u>F+M</u>	WELL # <u>1</u>	LOCATION <u>HILL CITY 12-34W</u>			COUNTY <u>GRAHAM</u>	STATE <u>KS</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)							

CONTRACTOR <u>SHAFFLOS</u>		OWNER <u>SAME</u>
TYPE OF JOB <u>PTA</u>		
HOLE SIZE <u>7 7/8"</u>	T.D. <u>3700'</u>	CEMENT
CASING SIZE	DEPTH	AMOUNT ORDERED <u>200 SKS 60/40 PER 6268 W/452AL #P10</u>
TUBING SIZE	DEPTH	
DRILL PIPE <u>4 1/2"</u>	DEPTH <u>1850'</u>	
TOOL	DEPTH	
PRES. MAX	MINIMUM	COMMON <u>120 SKS @ 7 85 942</u>
MEAS. LINE	SHOE JOINT	POZMIX <u>80 SKS @ 4 32 328</u>
CEMENT LEFT IN CSG.		GEL <u>10 SKS @ 11 110</u>
PERFS.		CHLORIDE @
DISPLACEMENT		<u>FLO-SEAL 50" @ 1 40 70</u>
EQUIPMENT		
PUMP TRUCK	CEMENTER <u>TERRY</u>	
# <u>191</u>	HELPER <u>WAYNE</u>	HANDLING <u>210 SKS @ 1 35 283.50</u>
BULK TRUCK		MILEAGE <u>654 PER SK / MILE 892.50</u>
# <u>218</u>	DRIVER <u>LOONIE</u>	
BULK TRUCK		
#	DRIVER	

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TOTAL 2626.00

REMARKS:  
25 SKS AT 1850'  
100 SKS AT 975'  
40 SKS AT 285'  
10 SKS AT 40'  
10 SKS MOUSE HOLE  
15 SKS RAT HOLE

**KCC WICHITA SERVICE**

DEPTH OF JOB	<u>1850'</u>	
PUMP TRUCK CHARGE		<u>570.00</u>
EXTRA FOOTAGE	@	
MILEAGE	<u>85 miz @ 4 30</u>	<u>340.00</u>
PLUG	@	
	@	
	@	
TOTAL		<u>910.00</u>

THANK YOU

CHARGE TO: RUSSELL OEL  
STREET \_\_\_\_\_  
CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

**FLOAT EQUIPMENT**

<u>8 3/4 DRY HOLE</u>	@	<u>23.00</u>
	@	
	@	
	@	
	@	
TOTAL		<u>23.00</u>

To Allied Cementing Co., Inc.  
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE \_\_\_\_\_

TAX \_\_\_\_\_  
TOTAL CHARGE \_\_\_\_\_  
DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

PRINTED NAME \_\_\_\_\_

# ALLIED CEMENTING CO., INC. 16002

Federal Tax I.D.#

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT: Russell

DATE <u>8/4/04</u>	SEC. <u>12</u>	TWP. <u>8</u>	RANGE <u>23</u>	CALLED OUT <u>12:15 Am</u>	ON LOCATION <u>3:00 Am</u>	JOB START	JOB FINISH <u>5:00 AM</u>
LEASE <u>Fam</u>		WELL # <u>1</u>	LOCATION <u>Hill City between</u>		COUNTY <u>Orphan</u>	STATE <u>K</u>	
OLD OR NEW (Circle one)							

CONTRACTOR Shields

TYPE OF JOB SURFACE

HOLE SIZE 12 1/4 T.D. 229

CASING SIZE 8 5/8 DEPTH

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15

PERFS.

DISPLACEMENT 13.6 bbls

OWNER \_\_\_\_\_

CEMENT AMOUNT ORDERED 150 New Corn 3-2

EQUIPMENT

PUMP TRUCK CEMENTER Bill

# 345 HELPER DAVE

BULK TRUCK

# 213 DRIVER Rufus

BULK TRUCK

# DRIVER

COMMON	<u>150</u>	@	<u>7.85</u>	<u>1177.50</u>
POZMIX		@		
GEL	<u>3</u>	@	<u>11.00</u>	<u>33.00</u>
CHLORIDE	<u>5</u>	@	<u>33.00</u>	<u>165.00</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>158</u>	@	<u>1.35</u>	<u>213.30</u>
MILEAGE	<u>54/SK/MILE</u>			<u>679.40</u>
TOTAL				<u>2268.20</u>

**REMARKS:**

Ran Shts of 8 5/8 set e 229

Cemt. w/ 150 lbs pump plug w/ 13.6 bbls

Cemt did circ.

CHARGE TO: Russell

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

**SERVICE**

DEPTH OF JOB				
PUMP TRUCK CHARGE				<u>570.00</u>
EXTRA FOOTAGE		@		
MILEAGE	<u>86</u>	@	<u>4.00</u>	<u>344.00</u>
	<u>1-8 5/8 wood</u>	@	<u>55.00</u>	<u>55.00</u>
		@		
		@		
TOTAL				<u>969.00</u>

**PLUG & FLOAT EQUIPMENT**

MANIFOLD	@			
	@			
	@			
	@			
	@			
TOTAL				

RECEIVED  
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To Allied Cementing Co., Inc.  
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX \_\_\_\_\_

TOTAL CHARGE \_\_\_\_\_

DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

SIGNATURE Burton Beery

Burton Beery  
PRINTED NAME