

DEC 15 2000

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
September 1999  
Form Must Be Typed

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

CONSERVATION DIVISION  
Wichita, Kansas

Operator: License # 3293  
 Name: Russell Oil, Inc.  
 Address: PO Box 2410  
 City/State/Zip: Edmond, OK 73083  
 Purchaser: Cooperative Refinery, LLC  
 Operator Contact Person: LeRoy Holt II  
 Phone: (405) 844-8424  
 Contractor: Name: Shields Oil Producers, Inc.  
 License: 5184  
 Wellsite Geologist: Todd Morgenstern  
 Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  SWD  SIOW  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Cathodic, etc)  
 If Workover/Re-entry: Old Well Info as follows:  
 Operator: Russell Oil, Inc.  
 Well Name: Duggan #1  
 Original Comp. Date: 4-15-96 Original Total Depth: 3657'  
 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. \_\_\_\_\_  

<u>8-7-2000</u>	<u>8-8-2000</u>	<u>8-28-2000</u>
Spud Date or	Date Reached TD	Completion Date or
Recompletion Date		Recompletion Date

API No. 15 - 185-23023-0001  
 County: Stafford  
 165' South of  
SW NW SW Sec. 30 Twp. 21 S. R. 11  East  West  
1485 feet from  N (circle one) Line of Section  
330 feet from E  W (circle one) Line of Section  
 Footages Calculated from Nearest Outside Section Corner:  
 (circle one) NE SE NW  SW  
 Lease Name: Duggan Well #: 1 (OWW@)  
 Field Name: Sandhills  
 Producing Formation: Conglomerate  
 Elevation: Ground: 1792' Kelly Bushing: 1797'  
 Total Depth: 3690' Plug Back Total Depth: 3650'  
 Amount of Surface Pipe Set and Cemented at 555' Feet  
 Multiple Stage Cementing Collar Used?  Yes  No  
 If yes, show depth set \_\_\_\_\_ Feet  
 If Alternate II completion, cement circulated from 556'  
 feet depth to surface w/ 325 sx cm.  
 Drilling Fluid Management Plan OWW RJR 8/27/07  
 (Data must be collected from the Reserve Pit)  
 Chloride content 49,000 ppm Fluid volume 260 bbls  
 Dewatering method used haul offsite  
 Location of fluid disposal if hauled offsite:  
 Operator Name: Bob's Oil Service, Inc.  
 Lease Name: Teichmann SWD License No.: 32408  
 Quarter \_\_\_\_\_ Sec. 16 Twp. 22 S. R. 12  East  West  
 County: Stafford Docket No.: D-23,722

**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: [Signature]  
 Title: Vice President Date: 12-13-00  
 Subscribed and sworn to before me this 13 day of December  
 13 2000  
 Notary Public: [Signature]  
 Date Commission Expires: 1-7-2003

**KCC Office Use ONLY**

Letter of Confidentiality Attached  
 If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

Operator Name: Russell Oil, Inc. Lease Name: Duggan Well #: 1 (OWWO)  
 Sec. 30 Twp. 21 S. R. 11  East  West County: Stafford

**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:

Cement bond/VDL

Name	Top	Datum
Anhydrite	543	+1254
Heebner	3045'	±1248
Br. Lime	3175	-1378
Lansing	3192	-1395
BKC	3437	-1640
Simpson Sh.	3574	-1777
Simpson Sd.	3598	-1801
ERO. Arbuckle	3628	-1831
DDTD	3690	-1893

**CASING RECORD**  New  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
production	7 7/8"	4 1/2"	11.60#	3688'	ASC	175	none

**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				

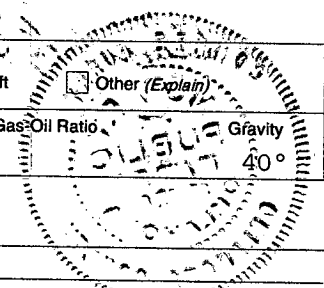
Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4 spf	3486-3494	750 gal. 15% INS. Retreat w/ 1000 gallons 15% mud acid followed w/160 bbl. soap treated saltwater and 160 bbl. saltwater.	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8" EUE	3645'	none	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr.	Producing Method			
8-30-2000	<input type="checkbox"/> Flowing <input checked="" 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
	7	0	90	

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

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

Production Interval



# ALLIED CEMENTING CO., INC.

4038

ORIGINAL

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

SERVICE POINT

*Ness City, KS*

DATE <u>8-08-00</u>	SEC <u>30</u>	TWP <u>21S</u>	RANGE <u>11W</u>	CALLED OUT <u>1:00 PM</u>	ON LOCATION <u>4:00 PM</u>	JOB START <u>7:00 PM</u>	JOB FINISH <u>8:00 PM</u>
LEASE <u>DUGAN</u>	WELL # <u>1 owner</u>	LOCATION <u>TWINWOOD - So to Coline</u>			COUNTY <u>STAFFORD</u>	STATE <u>KS</u>	
OLD OR (NEW) (Circle one) <u>NEW</u>				4 1/2" 3698' / 4 1/2" 3698'			

CONTRACTOR <u>SHIELDS DRIG. Co</u>	OWNER <u>Russell Oil Co</u>
TYPE OF JOB <u>Production - Casing</u>	CEMENT
HOLE SIZE <u>7 7/8"</u>	T.D. <u>3698'</u>
CASING SIZE <u>4 1/2"</u>	DEPTH <u>3698'</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH

RECEIVED  
STATE CORPORATION COMMISSION  
DEC 15 2000

PRES. MAX <u>1200'</u>	MINIMUM <u>600'</u>	COMMON	@	
MEAS. LINE	SHOE JOINT <u>27'</u>	POZMIX	@	
CEMENT LEFT IN CSG. <u>27'</u>		GEL	@	
PERFS.		CHLORIDE	@	
DISPLACEMENT <u>50 1/2</u>		<u>2000# ASC</u>	@	<u>8.20 1640.00</u>
EQUIPMENT		<u>500 GAL ASP</u>	@	<u>1.00 500.00</u>
PUMP TRUCK # <u>224</u>	CEMENTER <u>JIM BO</u>	HANDLING	@	
	HELPER <u>JIM W</u>	MILEAGE	@	
BULK TRUCK # <u>342</u>	DRIVER <u>BO</u>		@	
BULK TRUCK #	DRIVER		@	
				TOTAL \$ <u>2510.00</u>

CONSERVATION DIVISION  
Wichita, Kansas

REMARKS:

Run 4 1/2" Csg. to 3698' Break Pipe -  
LOCATION w/ Dig Pump 500 GAL ASP  
FLUSH MIXED 175# ASC (50#)  
(CEMENT TO FRONT w/ ASP) 120 REPS  
TRUCK HELD  
CEMENT Batch # w/ 15#  
Mix 10.00

SERVICE

DEPTH OF JOB <u>3698'</u>		
PUMP TRUCK CHARGE		<u>1080.00</u>
EXTRA FOOTAGE	@	
MILEAGE <u>20</u>	@	<u>3.00 60.00</u>
PLUG	@	
	@	
	@	
		TOTAL \$ <u>1140.00</u>

CHARGE TO: Russell Oil Co  
STREET P.O. Box 2410  
CITY Edmond STATE OKLA ZIP 73033

FLOAT EQUIPMENT

<u>1-4 1/2" Guide Shoe</u>	@	<u>125.00</u>	<u>125.00</u>
<u>1" INSERT</u>	@	<u>210.00</u>	<u>210.00</u>
<u>6" CENTRALIZERS</u>	@	<u>45.00</u>	<u>270.00</u>
	@		
	@		
		TOTAL \$ <u>605.00</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.

TAX <u>0-</u>	
TOTAL CHARGE	\$ <u>1425.50</u>
DISCOUNT	\$ <u>425.50</u> IF PAID IN 30 DAYS

SIGNATURE Burton Beery PRINTED NAME Burton Beery

Net \$ 3829.50