

2-10-12 W

COPY

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

Operator: License # 3293Name: Russell Oil, Inc.Address P.O. Box 272City/State/Zip Russell, KS 67665Purchaser: Farmland IndustriesOperator Contact Person: LeRoy Holt IIPhone (913) 483-3954Contractor: Name: Shields Oil ProducersLicense: 5184Wellsite Geologist: Francis Whisler

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: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

☐ Deepening ☐ Re-perf. ☐ Conv. to Inj/SWD
☐ Plug Back ☐ PRTD
☐ Commingled ☐ Docket No. _____
☐ Dual Completion ☐ Docket No. _____
☐ Other (SWD or Inj?) ☐ Docket No. _____

7-11-94 7-17-94 8-2-94

Spud Date Date Reached TD Completion Date

API NO. 15- 141-20284County OsborneSE NW SW Sec. 2 Twp. 10 Rge. 12 ☒ E1650 Feet from ☒ N (circle one) Line of Section4290 Feet from ☒ E (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)Lease Name Sigle Trust Well # 1Field Name WildcatProducing Formation Kansas CityElevation: Ground 1821' KB 1826'Total Depth 3401' PSTD _____Amount of Surface Pipe Set and Cemented at 219 FeetMultiple Stage Cementing Collar Used? ☒ Yes ☐ NoIf yes, show depth set 886' FeetIf Alternate II completion, cement circulated from 886'feet depth to surface w/ 125 sx cmt.Drilling Fluid Management Plan ALT II 1-9-96 JK
(Data must be collected from the Reserve Pit)Chloride content 60,000 ppm Fluid volume 370 bblsDewatering method used evaporation

Location of fluid disposal if hauled offsite:

Operator Name _____

Lease Name _____ License No. _____

Quarter Sec. Twp. S Rng. E/W

County _____ Docket No. _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, 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 on 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 LeRoy Holt IITitle Vice-PresidentDate 12-19-94Subscribed and sworn to before me this 19th day of December, 19 94.Notary Public Carolyn GnadtDate Commission Expires 10-22-97

CAROLYN GNAD
NOTARY PUBLIC
STATE OF KANSAS
MY APPT EXPIRES 10-22-97

K.C.C. OFFICE USE ONLY

F ☐ Letter of Confidentiality Attached
C ☒ Wireline Log Received
C ☐ Geologist Report Received

Distribution

☒ KCC ☐ SWD/Rep ☐ NGPA
☒ KGS ☐ Plug ☐ Other (Specify) FS

Operator Name Russell Oil, Inc.Lease Name Single TrustWell # 1Sec. 2 Twp. 10 Rge. 12
☐ East
☒ WestCounty Osborne

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem 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 during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken
(Attach Additional Sheets.)☒ Yes ☐ No

Samples Sent to Geological Survey

☒ Yes ☐ No

Cores Taken

☐ Yes ☒ NoElectric Log Run
(Submit Copy.)☒ Yes ☐ NoList All E.Logs Run: Radiation Guard
Cement Bond☒ Log

Formation (Top), Depth and Datums

☐ Sample

Name	Top	Datum
Anhyd.	868'	+ 958
Topeka	2748'	- 922
Heebner	2982'	-1156
Toronto	3007'	-1181
Kansas City	3039'	-1213
Base KC	3370'	-1544
LTD	3401'	-1575

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
Surface	12 1/4"	8 5/8"	20#	219'	60/40poz	140	3% C.C. 2% gel
Production	7 7/8"	4 1/2"	9.5#	3399'	common	225	10% salt

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
☐ Perforate	3087-91	common	150	none
☐ Protect Casing	3100-02			
☐ Plug Back TD				
☒ 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
2	3087-91	500 gal. 15% NE	
2	3100-02	squeeze as shown above	
4	3088-90 re-perf zone	500 gal. 15% NE	

TUBING RECORD	Size	Set At	Packer At	Liner Run	☐ Yes ☒ No
	2 3/8"	3295'	none		
Date of First, Resumed Production, SWD or Inj.	Producing Method ☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain)				
8-3-94					
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	42	0	4		35°

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

3088-90'