

CONFIDENTIAL

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

API NO. 15- 015-23,393 394
Butler
CONFIDENTIAL

COPY

County Butler
SE NE NW Sec. 31 Twp. 26 Rge. 7 X E

Operator: License # 5120

680 Feet from N (circle one) Line of Section

Name: Range Oil Company, Inc.

2250 Feet from N (circle one) Line of Section

Address 125 N. Market, 1120 KSB&T Bldg.

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)

City/State/Zip Wichita, KS 67202

Lease Name Wait Well # 1

Purchaser: Total Petroleum

Field Name Wildcat

Operator Contact Person: John M. Washburn

Producing Formation Mississippian

Phone (316) 265-6231

Elevation: Ground 1419 KB 1424

Contractor: Name: Glaves Drilling Co.

Total Depth 2755 PBDT

License: 30864

Amount of Surface Pipe Set and Cemented at 264 Feet

Wellsite Geologist: Tom Blair

Multiple Stage Cementing Collar Used? Yes X No

Designate Type of Completion
X New Well Re-Entry Workover

If yes, show depth set _____ Feet

X Oil SWD SIOW Temp. Abd.

If Alternate II completion, cement circulated from _____

Gas ENHR SIGW

feet depth to _____ w/ _____ sx cnt.

Dry Other (Core, WSW, Expl., Cathodic, etc)

Drilling Fluid Management Plan ALT 1 J 7 10-24-94
(Data must be collected from the Reserve Pit)

If Workover/Re-Entry: old well info as follows:

Chloride content 1200 ppm Fluid volume 300 bbls

Operator: _____

Dewatering method used evaporation

Well Name: _____

Comp. Date _____ Old Total Depth _____

Location of fluid disposal if hauled offsite: _____

Deepening Re-perf. Conv. to Inj/SWD

Plug Back PBDT

Commingle Docket No. _____

Dual Completion Docket No. _____

Other (SWD or Inj?) Docket No. _____

Operator Name RELEASED

Lease Name _____ License No. KCC

4-18-94 4-25-94 5-16-94

_____ JUN 26 1995 Twp. JUN 1 1995 E/W

Spud Date Date Reached TD Completion Date

County FROM CONFIDENTIAL Docket No. CONFIDENTIAL

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 John M Washburn

Title Vice-President Date 6-14-94

Subscribed and sworn to before me this 14th day of June 19 94

Notary Public Barbara J Schmidt

Date Commission Expires Barbara J. Schmidt July 13, 1997

BARBARA J. SCHMIDT
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 7-13-97

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
 KCC
 KGS
SWD/Recompletion Ticket
Plug
RECORDED
INDEXED
JUN 15 1994
CONSERVATION DIVISION
WICHITA, KANSAS

Form ACO-1 (W-93)

Operator Name Range Oil Company, Inc. Wait 1

Sec. 31 Twp. 26 Rge. 7 East West Butler County

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.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Lansing	1757	- 333
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Base Lansing	1920	- 496
Porosity & Induction		Kansas City	2067	- 643
List All E.Logs Run: DST(1) 2072-2095' 30-30-30-		Base Kansas City	2276	- 852
		Cherokee	-1072	-1068
		Mississippian	2711	-1287
		Log Total Depth	2755	-1331

30. Rec. 70' mud, 60' muddy wtr IFP: 102-56
ISIP: 656 FFP: 147-102 FSIP: 656 T: 100 F.
DST(2) 2175-2200' 30-30-60-60. Rec: 375' Gas
cut muddy wtr. IFP: 102-125 ISIP: 622 FFP: 215-
215. FSIP: 622. Temp. 98°F.

DST(3) 2715-2725 30-30-60-60. Rec: 180' GIP.
240' Gsy Oil. 120' SOCGMW & 300' Gsy Wtr.
IFP: 113-147. ISIP: 812 FFP: 238-261 FSIP: 812
T: 103°F.

CASING RECORD <input type="checkbox"/> New <input checked="" 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	25	264	Common	165	3% CaCl
Production	7 7/8	4 1/2	10.5	2752	Range	190	

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
3	2711'-2714'	250 gals 15% FE	2711'-2714'

TUBING RECORD		Size 2-3/8"	Set At 2734'	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Date of First, Resumed Production, SWD or Inj.		Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)					
5-16-94							
Estimated Production Per 24 Hours	Oil	Bbls. 15	Gas	Mcf	Water Bbls. 80	Gas-Oil Ratio	Gravity 37°

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

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

Production Interval: 2711'-2714'