

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: license # 5120
name Range Oil Company, Inc.
address 240 Page Court
220 West Douglas
City/State/Zip Wichita, KS 67202

Operator Contact Person John Washburn
Phone (316) 265-6231

Contractor: license # 5124
name Range Drilling Co. Inc.

Wellsite Geologist Tim Lauer
Phone (316) 265-6231

PURCHASER Total Petroleum

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD Temp Abd
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply etc.)

If OWWO: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method: Mud Rotary Air Rotary Cable

4-4-84 4-22-84 7-17-84
Spud Date Date Reached TD Completion Date

3282 None
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 209 feet

Multiple Stage Cementing Collar Used? Yes No

If Yes, Show Depth Set feet

If alternate 2 completion, cement circulated
from feet depth to w/ SX cmt

API NO. 15 - 035-23,382 0000

County Cowley

SW SW NE Sec 31 Twp 32S Rge 4 East West

..2970... Ft North from Southeast Corner of Section
..2310... Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

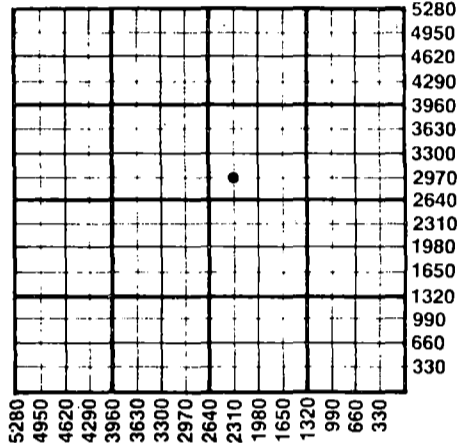
Lease Name Biddle Well# 1

Field Name Stayton Est.

Producing Formation "Bartlesville"

Elevation: Ground 1208 KB 1213

Section Plat



WATER SUPPLY INFORMATION

Source of Water:

Division of Water Resources Permit #

Groundwater... Ft North From Southeast Corner and
(Well) ... Ft. West From Southeast Corner of
Sec Twp Rge East West

Surface Water... Ft North From Southeast Corner and
(Stream, Pond etc.)... Ft West From Southeast Corner
Sec Twp Rge East West

Other (explain) (purchased from city, R.W.D.#)

Disposition of Produced Water: Disposal Repressuring

Docket # Applied for unassigned

STATE CORPORATION COMMISSION

10-02-84

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rules 82-3-130 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.

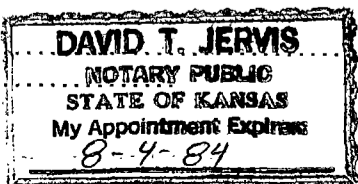
One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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 H. G. McMahon, III
Title Geologist Date 8-1-84

Subscribed and sworn to before me this 1st day of AUGUST 19 84

Notary Public David T. Jervis
Date Commission Expires



K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Timelog Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other (Specify)

Sec 31, Twp. 32, Rge. 4E

SIDE TWO

Operator Name .. Range Oil Co., Inc. Lease Name Biddle Well# 1 SEC 31 TWP 32S RGE 4 East West

WELL LOG

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 Yes No
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description
 Log Sample

DST #1 (3190-3209) 30-30-30-30 Blow: wk/45", Recv: 50'M
 w/ oil odor, IFP 50-50; ISIP 90; FFP 60-60;
 FSIP 70; BHT:113°F

DST #2 (3209-3240) 30-30-45-60 Blow: wk, Recv.: 125'
 MW w/ SSFO IFP 50-70; ISIP 550(Bldg) FFP 80-80;
 FSIP 600; BHT:112°F

Name	Top	Bottom
Ia	2104 (-891)	
St	2160 (-947)	
PeLs	2335 (-1122)	
PeSs	2362 (-1149)	
Ly	2560 (-1347)	
Kc	2721 (-1508)	
BKc	2839 (-1626)	
Marm	2907 (-1694)	
CK	3030 (-1817)	
BvSs	3196 (1983)	
Miss	3232 (-2019)	
LTD	3279 (-2066)	
RTD	3282 (-2069)	

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.....	209.....	Common.....	175.....	3%CaCl
Production.....	7.7/8.....	4 1/2.....	9.5.....	3280.....	Common.....	75.....	10%Gel, 10%Salt 2%Gel, 1%CaCl 0.75%FR
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
shots per foot	specify footage of each interval perforated			(amount and kind of material used)		Depth	
..... 2.....	3198-3214.....			1000 Gal. 7 1/2%FE, frac w/.485 bbl..... water. 30# Gel flush w/.65 bbl salt..... water & .250 cx stage sand.....		3198-3214.....	
TUBING RECORD size 2 3/8EUE set at 3256KB packer at No Pkr					Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Date of First Production	Producing method <input type="checkbox"/> flowing <input checked="" type="checkbox"/> pumping <input type="checkbox"/> gas lift <input type="checkbox"/> Other (explain)						
7-17-84							
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity		
➔	4	0	82	0			
	Bbls	MCF	Bbls	CFPB			

Disposition of gas: vented sold used on lease

METHOD OF COMPLETION open hole perforation other (specify)

PRODUCTION INTERVAL 3198-3214

Dually Completed. Commingled