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**THE 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 Company, Inc.

Wells Geologist H. G. McMahon, III
Phone (316) 265-6231

PURCHASER Total. Petro.-Oil; Peoples. Natural Gas Co

Designate Type of Completion (gas)

- ☒ 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

5-1-84 5-12-84 8-8-84
Spud Date Reached TD Completion Date

4681 NONE
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 374 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

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	10	15	62	1.5	
	Bbls	MCF	Bbls	CFPB	

METHOD OF COMPLETION

- ☐ open hole ☒ perforation
☐ other (specify)

PRODUCTION INTERVAL

4618-4634

API NO. 15 - 007-21,794

County Barber

2075' FNL, 1790' FWL/NW
(location) Sec 20 Twp 33S Rge 10 XX West

3205 Ft North from Southeast Corner of Section
3490 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

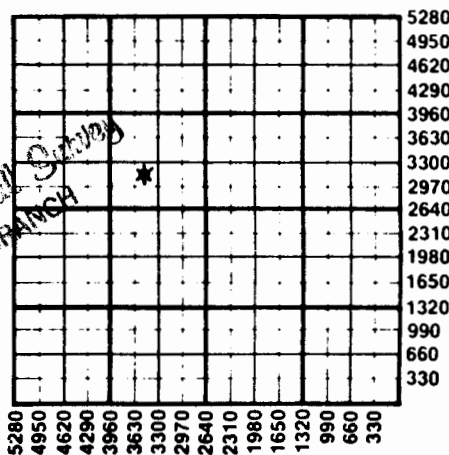
Lease Name Stewart Well# 6

Field Name Traffas SE

Producing Formation Mississippian

Elevation: Ground 1527 KB 1532

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 # CD - 17810

SIDE TWO

Operator Name ..Range..Oil..Company,..Inc..Lease Name Stewart.... Well# 6... SEC 20... TWP 33S... RGE 10... ☒ We

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
Samples Sent to Geological Survey
Cores Taken

☒ Yes ☐ No
☒ Yes ☐ No
☐ Yes ☒ No

Formation Description
☒ Log ☐ Sample

	Name	Top	Bottom
DST #1 (4575-4590) Blow: wk-strong Rec: 8' VSGCM IFP 38-25, ISIP 306, FFP 25-12, FSIP 319, T: 129°F	B/Well	1823 (-291)	
	Win	1894 (-362)	
	Tow	1964 (-432)	
	Flor	2058 (-526)	
DST #2 (4599-4615) 30-30-60-60 G.T.S. in 11" Gauged 47.4 MCF in 20" & 39.2 MCF in 120" Rec: 55' OCGM (60%Mud, 10%Wtr, 25%Oil, 5%Gas) IFP 51-38, ISIP 1494, FFP 38-38, FSIP 1443, T: 130°F	Wref	2159 (-627)	
	Beattie	2379 (-847)	
	Red Eagle	2513 (-981)	
	Falls City	2709 (-1376)	
	Stottler	2908 (-1376)	
	How	3305 (-1773)	
DST #3 (4615-4640) 30-30-60-60 GTS in 2nd SIP - no gauge Rec: 135' OCGM (50% Mud, 30% Oil, 20% Water) + 70' SOGMCW (40% Wtr, 35% Oil, 15% Gas, 10% Mud) + 50' SOCW (55% Wtr, 20% Mud, 15% Gas, 10% Oil) Wtr = 80,000ppm IFP 63-76, ISIP 1061, FFP 102-115, FSIP 1227, T: 130°F	Elg Sd	3518 (-1986)	
	Heeb	3667 (-2135)	
	Dg zn	3704 (-2172)	
	Ia	3900 (-2368)	
	Lans	3985 (-2453)	
	KC	4165 (-2633)	
	Swope	4338 (-2806)	
	Hertha	4371 (-2839)	
	BKC	4398 (-2862)	
	Paw	4509 (-2977)	
	Cong	4581 (-3049)	
	E. Miss	4597 (-3065)	
	Met Ø	4618 (-3086)	
	Mdol	4640 (-3108)	
	RTD	4681 (-3149)	
	LTD	4681 (-3149)	

TUBING RECORD size 2 3/8 EUE set at 4637.25KB packer at No Pkr

Liner Run ☐ Yes ☒ NoDate of First Production
8-8-84

Producing method

☐ flowing ☒ pumping ☐ gas lift ☐ Other (explain)

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 1/2	8.5/8	23	374	Common	225	3% CaCl
Production....	7.7/8	4 1/2	9.5	4677	Common	100	10% Salt, 10% Gtl
							2% Gel, 1% CaCl
							0.75% F.R.

PERFORATION RECORD

shots per foot specify footage of each interval perforated

Acid, Fracture, Shot, Cement Squeeze Record

(amount and kind of material used)

Depth

1.....	4618-4634.....	250 Gal 15%FE, 750 Gal 15% FE, Frac w/ 450 BBL wtr. 30# versagel 325 sx sd. (staged).....	4618-4634