

This form shall be filed in duplicate with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within ten days after the completion of the well, regardless of how the well was completed.

Attach separate letter of request if the information is to be held confidential. If confidential, only file one copy. Information on side one will be of public record and side two will then be held confidential.

Circle one: Oil, Gas, Dry, SWD, OWWO, Injection. Type and complete ALL sections. Applications must be filed for dual completion, commingling, SWD and injection, T.A.

Attach wireline logs (i.e. electrical log, sonic log, gamma ray neutron log, etc.).
KCC # (316) 263-3238. (Rules 82-2-105 & 82-2-125)

OPERATOR Range Oil Company, Inc.

API NO. 15-169-20,158-00-00

ADDRESS 240 Page Court, 220 W. Douglas

COUNTY Saline

Wichita, Kansas 67202

FIELD SALINA

**CONTACT PERSON John M. Washburn

PROD. FORMATION Maquoketa

PHONE 265-6231

LEASE Caywood

PURCHASER National Cooperative Refinery Assn.

ADDRESS P.O. Box 1167

WELL NO. 2

McPherson, Kansas 67460

WELL LOCATION Ctr SW/4

DRILLING Range Drilling Co., Inc.

1320 Ft. from South Line and

CONTRACTOR

ADDRESS 240 Page Court, 220 W. Douglas

1320 Ft. from West Line of

Wichita, Kansas 67202

the SW/4 SEC. 31 TWP. 14S RGE. 2W

PLUGGING

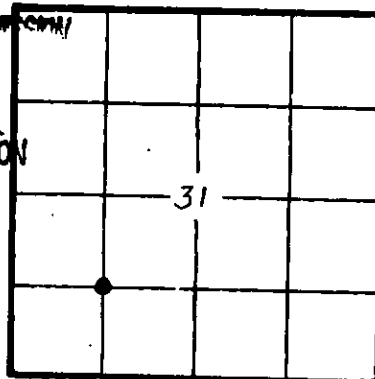
CONTRACTOR

ADDRESS

RECEIVED
STATE CORPORATION COMMISSION

06-03-82
CONSERVATION DIVISION
Wichita, Kansas

WELL PLAT



KCC
KGS
(Office
Use)

TOTAL DEPTH 3311 PBTD

SPUD DATE 3-5-82 DATE COMPLETED 3-15-82

ELEV: GR DF KB 1237

DRILLED WITH (~~CABLE~~) (ROTARY) (~~KAKE~~) TOOLS

Amount of surface pipe set and cemented 8 5/8 @ 165 DV Tool Used? NO

AFFIDAVIT

STATE OF KANSAS, COUNTY OF SEDGWICK SS, I, _____

H.G. McMahon III OF LAWFUL AGE, BEING FIRST DULY SWORN UPON HIS OATH,

DEPOSES THAT HE IS Geologist (FOR) (~~OK~~) Range Oil Co., Inc.

OPERATOR OF THE Caywood LEASE, AND IS DULY AUTHORIZED TO MAKE

THIS AFFIDAVIT FOR AND ON THE BEHALF OF SAID OPERATOR, THAT WELL NO. #2 ON

SAID LEASE HAS BEEN COMPLETED AS OF THE 15th DAY OF March, 1982, AND THAT

ALL INFORMATION ENTERED HEREIN WITH RESPECT TO SAID WELL IS TRUE AND CORRECT.

FURTHER AFFIANT SAITH NOT.

(S) H.G. McMahon III
H.G. McMahon III

SUBSCRIBED AND SWORN BEFORE ME THIS 1st DAY OF June, 1982

MY COMMISSION EXPIRES:

DAVID T. JERVIS
NOTARY PUBLIC
STATE OF KANSAS
My Appointment Expires
8-4-84

NOTARY PUBLIC
David T. Jervis

**The person who can be contacted regarding any questions concerning this information. Within 45 days of completion, a witnessed initial test by the Commission is required if the well produces more than 25 BOPD or is located in a Basic Order Pool.

SIDE TWO

WELL LOG

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
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API # 15-169-20,158

Spl. Datum E.Log Datum Struct. Comp.

Date

Est 6 days

C.G.

NE					
AD.SD.					
HD.					
SE					
TOP					
PK					
HO.SD.					
HO.LS.					
IA					
ST					
PE.LS.					
PE.SD.					
HOG					
LY					
KC	2171	-934	2170	-933	5↓
BKC	2351	-1114	2344	-1107	5↓
CV					
OS					
CK					
CT					
BV					
Miss	2640	-1403	2639	-1402	7↑
MCT					
MLS					
RTD	3312	-2078			
LTD			3311	-2074	
Kd	2930	-1693	2933	-1695	1↑
Ht	3050	-1813	3050	-1813	4↓
	4 1/2" Csg. @		3309 W/	100 SX	
Mg sk	3141	-1904	3140	-1903	1↑
Mg dal	3219	-1982	3218	-1981	2↑
Viola	3277	-2070	3276	-2039	→

3-9-82

MIRT

3-10-82

7:00 am Drlg @ 1245 1° @ 505 3/4° @ 1003

3-11-82

7:00 am Drlg @ 2040 1 3/4° @ 2017

3-12-82

8:15 am Drlg @ 2690 1 3/4° @ 2449

3-13-82

8:15 am Drlg @ 3190

3-14-82

7:00 am RTD 3312 Ran Great Guns
DST(1) 3220-3224 30-30-60-60 Blow: died in 6"
Flushed w/ wk throughout Rec: 60' oil (36° Gr) +
110' MW (30,000 ppm Cl) IFP 50-30 ISIP 606
FFP 61-76 FSIP 606 T: 109°F

3-15-82

7:00 am RTD 3312 Set 4 1/2" csg @ 3309 w/
100 SX Common cement plus 0.4% Halad 4,
10% Salt, 2% CaCl & 10# gill/sx Plug down
@ 10:30 pm on 3-14-82; Plug held

Report of all strings set — surface, intermediate, production, etc. CASING RECORD (New XXXXXXXXX)

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
Surface	12 1/2	8 5/8	23	165	Common	165	3% CaCl
Production	7 7/8	4 1/2	9.5	3309	Common	100	0.4% HALAD 4 + 10% Salt + 2% CaCl + 10# Gill/sx

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			3		3219-3222
Size	Setting depth	Packer set at			

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
50 Gal 15% SGA, + 500 GAL 15% SGA	3219-3222

Date of first production	Producing method (flowing, pumping, gas lift, etc.)	Gravity
5-8-82	PUMPING	
RATE OF PRODUCTION PER 24 HOURS	Oil 10 bbls.	Gas 70 % 70 bbls.
Disposition of gas (vented, used on lease or sold)	Perforations	3219-3222