

WELL COMPLETION REPORT AND DRILLER'S LOG

API No. 15 — 169 — 20121
 County Number

S. 31 T. 14 R. 2 ^W _W

Loc. NW NE SW

County Saline

Operator
 Range Oil Company, Inc.

Address
 240 Page Court, 220 West Douglas, Wichita, Kansas 67202

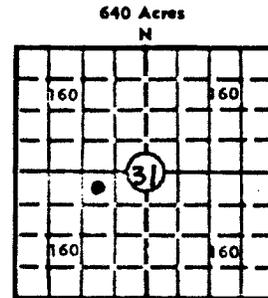
Well No. 1 Lease Name Caywood

Footage Location
 330 feet from (N) ~~NS~~ line 990 feet from (E) ~~EW~~ line of SW/4

Principal Contractor Range Drilling Co., Inc. Geologist H.G. McMahon

Spud Date 2/18/81 Date Completed 2/26/81 Total Depth 3295 P.B.T.D. 3287
 IRT 2/19/81

Directional Deviation Oil and/or Gas Purchaser NCRA



Locate well correctly
 Elev.: Gr. 1231
 DF 1235 KB 1238

CASING RECORD

Report of all strings set— surface, intermediate, production, etc.

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	10	8 5/8	Used	207	Common	150	3% CaCl
Production	7 7/8	4 1/2	New	3294	"	75	10% salt, 2% gel 6# gil/sx.

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			4		3222-3225

TUBING RECORD

Size	Setting depth	Pecker set at

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
Treat 2,550 gal. 15% SGA'	3222-3225

INITIAL PRODUCTION

Date of first production 3/20/81	Producing method (flowing, pumping, gas lift, etc.) Pumping		
RATE OF PRODUCTION PER 24 HOURS	Oil 7 bbls.	Gas MCF	Water 90 bbls. CFPB
Disposition of gas (vented, used on lease or sold)		Producing interval(s) 3222-3225	

INSTRUCTIONS: As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Drillers Log shall be transmitted to the State Geological Survey of Kansas, 4150 Monroe Street, Wichita, Kansas 67209. Copies of this form are available from the Conservation Division, State Corporation Commission, 245 No. Water, Wichita, Kansas 67202. Phone AC 316-522-2206. If confidential custody is desired, please note Rule 82-2-125. Drillers Logs will be on open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

Star
Range Oil Company, Inc.

DESIGNATE TYPE OF COMP.: OIL, GAS,
DRY HOLE, SWDW, ETC.:

Oil

Well No. 1	Lease Name Caywood	
S 31 T 14 R 2 X X W		

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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Comp. 1

143192

API 15-169-2021
C.G.

NE				
AL D.				
HD.				
SE				
TOP				
PT				
HO. SD.				
HO. LS.				
IA				
ST				
PE. LS.				
PE. SD.				
HOG				
LY				
KC	2169	-931	2167	-929 1' ↑
BKC	2349	-1111	2347	-1109 ←
CV				
OS				
CK				
CT				
BV				
M	2148	-1410	2148	-1410 ←
TK	2931	-1693	2932	-1694
W	3221	-1983	3222	-1984 1' ↑
V	3275	-2037	3278	-2040 1' ↑
W	3295	-2057	3295	-2057

MIRT 2-19-81
 2-20-81 7:00 am Drlg 397'
 2-21-81 7:00 am Drlg. 1366 3/4" 532 1/2" 1026
 1/2" 1521 3/4" 1800
 2-22-81 7:00 am Drlg 2210 3/4" 2016
 2-23-81 8:10 am Drlg @ 2693 1" @ 2509
 2 1/2" @ 2608 Call 3100
 2-24-81 7:00 am Drlg. 3200 stop 3210
 2-25-81 8:00 am Drlg @ 3280
 DST (1) 3222-3228 30-30-90-60 Weak
 blow thru-out Rec: 70' Oil (Est 40' Grav
 & 120' Wtr (28,000 CU) 1FP 53-64"
 1SIP 580" FFP 86-107" FSIP 580" 105°F.
 2-26-81 7:10 am RTD. 3295 (-2057) Run G.I. Guns
 & Run 4 1/2" Gg. to 3294 (Perm. w/)
 75 SX Plug down 12:30 am. Plug
 held. 2-26-81

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.

Date Received

Robert L. Brooks
Signature

V.P. Exploration
Title

March 24, 1981
Date

Date