

KANSAS

*Survey*

WELL COMPLETION REPORT AND DRILLER'S LOG

*State Geological Survey*  
WICHITA BRANCH

API No. 15 — 169 — 20,147  
County Number

S. 31 T. 14 R. 2 <sup>SE</sup> W

Loc. NW NW SE  
County Saline

Operator Range Oil Company, Inc.

Address 240 Page Court, 220 W. Douglas, Wichita, Ks 67202

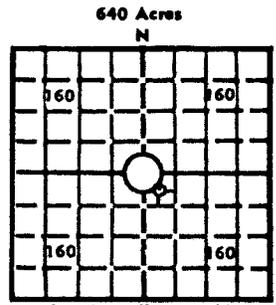
Well No. 1 Lease Name Varela

Footage Location 330 feet from (N) (S) line 330 feet from (E) (W) line SE/4

Principal Contractor Range Drilg. Co., Inc. Geologist Bob Olsen

Spud Date 8-28-81 Date Completed 9-13-81 Total Depth 3320 P.B.T.D.

Directional Deviation Oil and/or Gas Purchaser



Elev.: Gr. 1230  
DF KB 1237

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	Socks	Type and percent additives
Surface	12 1/4	8 5/8		204	Common	130	3% CaCl

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Socks cement	Shots per ft.	Size & type	Depth interval

TUBING RECORD

Size	Setting depth	Pecker set at

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated

INITIAL PRODUCTION

Date of first production	Producing method (flowing, pumping, gas lift, etc.)			
RATE OF PRODUCTION PER 24 HOURS	Oil bbls.	Gas MCF	Water bbls.	Gas-oil ratio CFPB
Disposition of gas (vented, used on lease or sold)			Producing interval (s)	

INSTRUCTIONS: As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Driller's 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. Driller's Logs will be on an open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

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

operator Range Oil Company, Inc.

Well No. 1 Lease Name Varela

DRY HOLE *P 1*

S 31 T 14 R 2 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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*MIL* Spl. Datum E. Log Datum Struct. Comp. Date *Est 7 days*

C.G.				
NE				
AD				
HD				
SE				
TOP				
PK				
HO				
HS. LS.				
IA				
ST				
PE. LS.				
PE. SD.				
HOG				
LY				
KC	2178	-941		9 ↓
BKC	2353	-1816		5 ↓
CV				
OS				
CK				
CT				
E. Miss	2655	-1418		8 ↓
Miss	2664	-1427		3 ↓
Kd	2922	-1685		9 ↑
HF	3051	-1814		11 ↓
RTD	3320	-2083		
LTD				
Ag	3150	-1913		7 ↓
Ag	3226	-1989		5 ↓
Ag	4 1/2" Csg. @		W/	
Vi.	3280	-2043		5 ↓

9-6-81	MIRT
9-7-81	7:00am PTD 773' Shutdown - Labor Day
9-8-81	7:00am PTD 773' K@495
9-9-81	7:00am Drlg @ 1720 3/4 @ 1021 & 1513
9-10-81	8:20am Drlg @ 2470 3/4 @ 2006 0 @ 2317 1 @ 2503 1 1/4 @ 2871
9-11-81	8:20am Drlg @ 2990 Bit trip @ 2830 lead to discovery that an extra joint was in hole & not accounted for; corrections were made
9-12-81	8:05am PTD 3236 Running DST(1) 1/2 @ 3236
9-13-81	7:00am RTD 3320 DST(1) 3228-3236 30-30-60-60 Blow: vnk throughout Rec: 5' F.O. + 130' MW (14,000 ppm chlor) IFP 11-22 ISIP 444 FFP 55-66 FSIP 444 T: 108°F

*D & A*

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

Date Received	<p><i>John M. Washburn</i> Signature <i>Chief Geologist</i> Title 9-29-81 Date</p>
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