

**KANSAS DRILLERS LOG**

API No. 15 — 175 — 20,236  
 County Number

Operator

Yucca Petroleum Co.

*State Geological Survey*  
**WICHITA, BRANCH**

Address Box 2585 Amarillo, Texas 79105

Well No. #2-22 Lemert Lease Name Lemert

Footage Location  
2310 feet from (N) (S) line 2135 feet from (E) (W) line

Principal Contractor Stickle Drilling Co. Geologist C. C. Vaughan

Spud Date 8-12-74 Total Depth 5900' P.B.T.D. 5842'

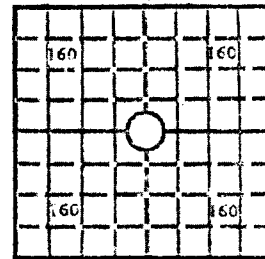
Date Completed 10-8-74 Oil Purchaser The Permian Corporation

S. 22 T. 32 R. 33 \*  
 W

Loc. 2310 FSL 2135 FEL

County Seward

640 Acres  
 N



Locate well correctly

Elev.: Gr. 2757

DF KB2767

**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	12-1/4"	8-5/8"	24 28	1584'	Howco-Light " " Class "H"	650 200	3% c.c.
Production	7-7/8"	4-1/2"	11.60 10.50	5875'	Howco-Pozmix	325	2% gel, 18% salt, 3/4% CFR-2, 12-1/2#/sk Gilsonite

**LINER RECORD**

Top, ft.	Bottom, ft.	Sacks cement
	NONE USED	

**PERFORATION RECORD**

Shots per ft.	Size & type	Depth interval
2-1/2	0.46", Super Dyna Jet	5683-5686

**TUBING RECORD**

Size	Setting depth	Packer set at
2-3/8" O.D.	5732'	None

**ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD**

Amount and kind of material used	Depth interval treated
500 gals Howco MCA	5684-5686'
1500 gals Howco MCA	5684-5686'
14,000 gals Howco My-T-Oil II & 8500# 20-40 sand	5683-5686'

**INITIAL PRODUCTION**

Date of first production <u>10-8-74</u>	Producing method (flowing, pumping, gas lift, etc.) <u>Flowing</u>
RATE OF PRODUCTION PER 24 HOURS	Oil <u>125</u> bbls. Gas <u>200 (estimated)</u> MCF Water <u>0</u> bbls. Gas-oil ratio <u>1,600</u> CFPB
Disposition of gas (vented, used on lease or sold) <u>Used on lease &amp; vented</u>	Producing interval (s) <u>5683'-5686'</u>

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, 3830 So. Meridian (P.O. Box 17027), Wichita, Kansas 66217. 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.

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

Oil

Operator

Yucca Petroleum Co.

Well No.

2-22

Lease Name

Lemert

S 22 T 32S R 33 W, Seward County, Kansas

**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.  
Log Tops (feet)

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
			Anhydrite	1593 bottom
			Chase Group	2503
			Heebner Shale	4085
			Toronto	4101
			Lansing-K.C.	4216
			Marmaton	4860
			Cherokee Shale	5054
			Morrow Shale	5410
			Chester	5559
			Chester Sand	5678 5688 btm
			Ste. Genevieve	5750
			St. Louis Porosity	5894
DST No. 1 4885-97', Mis-run, tool plugged				
DST No. 2 4885-97', Opened tool w/weak blow for 60 mins. ISI 151 mins. Re-opened for 88 min second flow. Strong blow through out. NGTS. FSI 151 mins. Rec 2700' gas in drill pipe + 100 O&GCM + 100' O&GCMW + 100' O&GCW. IHP 2277 FP, 26-72, ISIP 1449, FP <sub>2</sub> 96-127, FSIP 1420. FHP 2277.	Sand	470		
	Sand & Red Beds	1482		
	Red Bed & Anhydrite	1586		
	Anhydrite & Red Bed	1886		
DST No. 3 5671-90' Opened tool w/strong blow, GTS in 4 mins. Max gauge 980 MCFD ISI 121 mins. Re-op for 45 mins. Spray oil to surface in 44 mins. Max gas gauge 687 MCFD. Gauged 472 MCF at end of test. FSI 122 mins. Rev out oil. IHP 2735 FP, 361-371, ISI 1960 FP <sub>2</sub> 295-307, FSI 1914, FHP 2735, Oil Gr. 38° @ 60°.	Red Bed	2448		
	Anhydrite	2630		
	Shale & Lime	2837		
	Lime & Shale	5900TD		
DST No. 4 5394-5470' Op 30 mins, dead in 6 mins. ISI 90 mins., Re-op 30 mins, no blow. FSI 90 mins. Rec. 30' drlg mud no shows, IHP 2641, FP <sub>1</sub> 20-20, ISI 347, FP <sub>2</sub> 33-33, FSI 100, FHP 2641 (Straddle Test)				

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

Date Received

*T.P. Northern*

Signature

Production Manager

Title

October 16, 1974

Date