

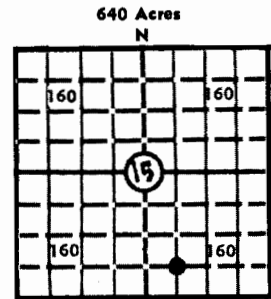
State Geological Survey
WICHITA, BRANCH

KANSAS DRILLERS LOG

S. 15 T. 32 R. 33 W
 Loc. 660 FSL 1980 FEL
 County Seward

API No. 15 — 175 — 20,208
 County Number

Operator Yucca Petroleum Company	
Address Box 2585 Amarillo, Texas	
Well No. #2-15	Lease Name Printz
Footage Location 660 feet from (N) (S) line 1980 feet from (E) (W) line	
Principal Contractor Rains and Williamson Delg.	Geologist Clifford C. Vaughan
Spud Date Sept. 10, 1973	Total Depth 5880'
	P.B.T.D. 4990'
Date Completed October 31, 1973	Oil Purchaser Permian Corp.



Locate well correctly
 Elev.: Gr. 2810' KB. 2814'
 DF _____ KB _____

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#K-55	1601'	Light cement Class "H"	550 150	2% cc 3% cc
Producing	7 7/8"	4 1/2"	10 1/2#K-55	5030'	50-50 Pozmix	230	5%KCl

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
TUBING RECORD					
Size 2 3/8"	Setting depth 4921'	Packer set at	4 Way	Hydrojet	4910'

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
Hydrotetted w/4000 gals 3% gelled acid w/1# per gal 20-40 Sand	4910'
Acidized w/500 gals 15% MCA	4910'

INITIAL PRODUCTION

Date of first production State Pot. Oct. 31, 1973	Producing method (flowing, pumping, gas lift, etc.) Pumping			
RATE OF PRODUCTION PER 24 HOURS	Oil 68.44 bbls.	Gas TSTM MCF	Water No	Gas-oil ratio
Disposition of gas (vented, used on lease or sold)		Producing interval (s) 4910'		

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.

Operator
Yucca Petroleum Co.

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

Well No. 2-15 Lease Name Printz

Oil

S 15 T 32 R 33 W

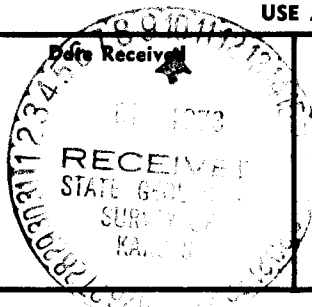
WELL LOG

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
Tan to brown oolitic lime. Oil sat.	4788	4794	Chase Group Wreford Ls. Heebner Shale Toronto Lime Lansing-KC KC Oil Pay Base Kansas C.	2540 2863 4120 4136 4248 4784 4868
Tan to brown oolitic lime. Oil sat.	4906	4916	Marmaton Marm. Oil Pay Novinger Cherokee Sh. Morrow Shale	4890 4904 4947 5094 5447
Fine to med. grained, poorly sorted, angular, gtz sand. Fair por. Slight oil stain and odor.	5576	5610	Lo. Mor. Sand Chester Lime Ste. Gen. Driller T.D. Welex T.D.	5576 5613 5766 5880 5884
<p>DST #1: 4779-94'. Tool open 30 mins. GTS in 14 mins. Est F 17 MCFD. SI 60 mins. Re-op 30 mins. SI 90 mins. Rec 80' HGCM and 180' GCO. Gr. 40. IHP 2414#. IFP 89-104#. ISIP 1428#. FFP 89-120#. FSIP 1428#. FHP 2399#. BHT 110 degrees F.</p> <p>DST #2: 5581-95'. Tool open 30 mins. No GTS. SI 60 mins. Re-op 60 mins. SI 90 mins. Rec 30' GCM. IHP 2699#. IFP 15-22#. ISIP 299#. FFP 22-30#. FSIP 834#. FHP 2699#. BHT 124 degrees F.</p>				

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



Clifford C. Vaughan
Signature
Clifford C. Vaughan, Vice President
Title
December 3, 1973
Date

COMPANY

Yucca Petroleum Co.

SEC. 15 T. 32S R. 33W
LOC. 660' FSL & 1980' FEL

FARM

Printz

NO. 2-15

RID. NO.

6

TOTAL DEPTH

5880

COMM.

9-10-73

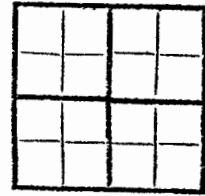
COMP.

9-29-73

COUNTY

Seward

KANSAS



CONTRACTOR

Rains & Williamson Oil Co., Inc.

CASINO

20
15
12
13

10

5/8" @ 1601' w/ 15' landing jt. w/ 550sx. LW,
2% cc, & 150 sx. Class H. 3% cc.
4 1/2" @ 5022 w/ 230 sx. 50/50 pos, 5% gel.

ELEVATION KB 2814'

PRODUCTION Oil

FIGURES INDICATE BOTTOM OF FORMATIONS

Surface Hole	1603
Anhydrite	1835
Shale and Lime	2386
Lime and Shale	2586
Dolomite	2817
Lime and Shale	5880
<u>Rotary Total Depth</u>	<u>5880</u>



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KANSAS

SEDGWICK

59: