

KANSAS DRILLERS LOG

API No. 15 — 175 — 20,299
County Number

Operator

Yucca Petroleum Co.

Address

P. O. Box 2585 Amarillo, Texas 79105

Well No.

#2-15

Lease Name

Hattie Jones

Footage Location

660 feet from X_M (S) line 660 feet from X_E (W) line

Principal Contractor

Rain & Williamson Oil Co.

Geologist

E. J. Webb

Spud Date

8-26-76

Total Depth

6000'

P.B.T.D.

5062'

Date Completed

11-16-76

Oil Purchaser

The Permian Corp.

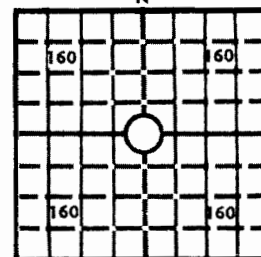
S. 15 T. 32 R. 33 R_W

Loc. 660' FWL & 660' FSL

County Seward

640 Acres

N



Locate well correctly

Elev.: Gr. 2791

DF 2798' KB 2799'

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	1582'	Howco-Light Howco-Class H	700 200	2% CaCl 3% CaCl
Production	7-7/8"	5-1/2"	15.50# 14#	5112'	Howco-Pozmix	175	2% gel 18% salt
							3/4% CFR2 12-1/2#/sk
							Gilsonite

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
	None	Used	4	Hydra Jet	4905' & 4912'
TUBING RECORD			4	0.46" Super	4885' & 4995'
Size	Setting depth	Packer set at		Dyna-Jet	
2-3/8" EUE	4941	No pkr.			

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
500 gals 15% MCA acid (squeezed off perms w/125 sks)	4905' & 4912'
350 gals 15% MCA across 4885', 250 gals 15% MCA across 4905'	4885' & 4905'
2000 gals MOD 202 to acidize 4885', squeeze 4885' w/ 82 sks	4885'

INITIAL PRODUCTION

Date of first production	Producing method (flowing, pumping, gas lift, etc.)			
11-17-76	Pumping			
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio
	25 bbls.	TSTM MCF	60 bbls.	----- CFPB
Disposition of gas (vented, used on lease or sold)			Producing interval (s)	
Not enough gas to run ppg unit engine			4905' (4 holes)	

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 316-521-2206. If confidential custody

Well No. 2-15	Lease Name Hattie-Tone	Oil
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S _____ T _____ R _____ E _____ 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
<u>DST #1 4636' - 4720'</u> Recovered 600' heavily gas cut oil based mud & 120' SW. Sample chamber 50% oil & 50% water. IH 2237 psi, IF 117-235 psi (30 min) ISI 1469 psi (60 min) FF 235-294 psi (60 min) FSI 1469 (60 min).			Heebner	4091'
			Lansing-KC	4220'
			Hodges	4690'
			K.C. Pay	4774'
			Base KC	4860'
			Marmaton	4882'
			Cherokee	5082'
			Morrow	5440'
			Chester	5658'
			St. Gen.	5772'
			St. Louis	5870'
			St. Louis (sample top)	5900'
<u>DST #2 4899-4913'</u> Recovered 124' heavily oil & gas cut mud, 374' oil mud and gas cut, 60' salty water. Rate of gas flow during FF *22,500 cu.ft./day. IF 49-146 psi (30 min), ISI 1256 psi (60 min), FF 146-211 psi Gas to surface in 30 min. FSI 1384 psi (120 min).				
<u>DST #3 5725' - 5835'</u> Recovered 70' drilling mud w/slight trace of oil. IF 26-39 psi (30 min), ISI 420 psi (60 min), FF 39-39 psi (60 min), FSI 315 psi (120 min)				
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.				

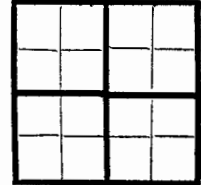
Date Received	<i>T. J. Northern</i>
	Signature
	Production Manager
	Title
	11-17-77
	Date

WELL LOG

COMPANY Yucca Petroleum Company
 FARM Hattie Jones NO. #2-15
 RIG. NO. #5
 TOTAL DEPTH 6000'
 COMM. 8-26-76 COMP. 9-15-76
 CONTRACTOR Rains & Williamson Oil Co., Inc.

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

COUNTY Seward KANSAS



CASING
 20 10
 15 8 5/8" @ 1580' w/700 sx. Haliburton ELEVATION
 12 6 Light, 2% cc. & 200 sx. Class H, 3% cc.
 13 5 1/2" @ 5115' w/175 sx. 50/50 pos. PRODUCTION Oil

FIGURES INDICATE BOTTOM OF FORMATIONS

Sand & Redbed	530
Redbed & Sand	1369
Shale & Shells	2080
Shale & Lime	2337
Lime & Shale	2465
Shale & Lime	2795
Shale	2960
Lime	3804
Lime & Shale	3964
Lime	4230
Lime & Shale	4750
Lime	4921
Lime & Shale	5040
Lime	5440
Lime & Shale	5758
Lime	5884
Lime & Shale	5957
Lime	6000
<u>ROTARY TOTAL DEPTH</u>	<u>6000</u>