

Santa Fe, New Mexico

WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE. If State Land submit 6 Copies

AREA 640 ACRES
LOCATE WELL CORRECTLY

THE UNIVERSITY OF CHICAGO

(Company of Operator)

(L-29)

Well No. 2, in SW $\frac{1}{4}$ of 22 $\frac{1}{4}$, of Sec. 23, T. 100, R. 37E, NMPM.

Abstract

Pool

...County.

Well is 1430 feet from East line and 120 feet from South line.

of Section 13 If State Land the Oil and Gas Lease No. is 2-9244

Drilling Commenced.....**April 27,** 19**54** Drilling was Completed.....**May 13,** 19**57**

Name of Drilling Contractor..... **S. P. Yates Drilling Co.,**

Address **309 Cooper Building, Artesia, New Mexico**

Elevation above sea level at Top of Tubing Head..... The information given is to be kept confidential until
..... 19.....

OIL SANDS OR ZONES

No. 1, from 4144 to 4151 No. 4, from _____ to _____

No. 2, from 4100 to 4150 No. 5, from _____ to _____

No. 3, from 4232 to 4233 No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.

No. 2, from.....to.....feet.

No. 3. from.....to.....feet.

No. 4, from.....to.....feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
6 3/8			392'				
34			4300'			4110-4130; 4100-4190, 4212-4230.	Surveys Production

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
	8 1/8"	438	112	Circulated		
	8 1/8"	438	112	Circulated		

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

Fractured three zones, 4144-4151, 4152-4154, and 4155-4158 with 5000 gallons of heavy oil and 3000 pounds of sand in each zone, or total of 15000 gallons of heavy oil and 15000 pounds of sand.

44 barrels of oil per day from the three wells.

Result of Production Stimulation.....

Depth Cleaned Out.

B ORD OF DRILL-STEM AND SPECIAL TEST

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

TOOLS USED

Rotary tools were used from 0 feet to 4322 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing May 23, 19 56
OIL WELL: The production during the first 24 hours was 63 barrels of liquid of which 100 % was oil; % was emulsion; % water; and % was sediment. A.P.I. Gravity
GAS WELL: The production during the first 24 hours was M.C.F. plus barrels of liquid Hydrocarbon. Shut in Pressure lbs.
Length of Time Shut in

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico			Northwestern New Mexico		
T. Anhy.	1693		T. Devonian		T. Ojo Alamo
T. Salt	1793		T. Silurian		T. Kirtland-Fruitland
B. Salt	1713		T. Montoya		T. Farmington
T. Yates	2000		T. Simpson		T. Pictured Cliffs
T. 7 Rivers	2130		T. McKee		T. Menefee
T. Queen	2673		T. Ellenburger		T. Point Lookout
T. Grayburg	4230		T. Gr. Wash.		T. Mancos
T. San Andres			T. Granite		T. Dakota
T. Glorieta			T.		T. Morrison
T. Drinkard			T.		T. Penn.
T. Tubbs			T.		T.
T. Abo			T.		T.
T. Penn.			T.		T.
T. Miss.			T.		T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	352	352	Surface				
352	1600	1248	Red Bed				
1600	1722	122	Red Bed & Gyp				
1722	2792	1070	Anhydrite, Gyp, salt				
2792	3993	1201	Anhydrite & gyp				
3993	4133	140	Anhydrite & lime				
4133	4171	38	Anhydrite & gyp				
4171	4194	23	Anhydrite & lime				
4194	4302	108	Lime				
4302	Total	depth.					

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.
John A. Yates.
Company c- Operator
Name Nala Corda
Address Box 1867, Aracoma, N. Mex.
Position or Title Bookkeeper
Date May 30, 1958

Drill Stem Tests on
John A. Yates, Shell-Grace No. 3,
SW 1/4 Sec. 13, T. 18 S., R. 38 E.,
San County, New Mexico.

Test No. 1.

May 12, 1936. 4123-4170'. Tool open 2 hours.
Closed in 10 minutes. Tool opened with a fair
flow decreasing at end of test. No gas to
surface. Recovery was 60' of gas cut drilling
mud and 30' of grey colored drilling mud.

Test No. 2

May 12, 1936. 4180-4190'. Tool open 2 hours.
Closed in 10 minutes. Tool opened with good
flow. Gas to surface in 2 minutes. No fluid
to surface. Recovery was 330' of oil and gas
cut mud and 200' of salty water.

**Drill Stem Tests on
John A. Yates, Shell-State No. 3,
SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 23, T. 18 N., R. 38 E.,
Lea County, New Mexico.**

- Test No. 1.** May 12, 1956. 4253-4270'. Tool open 2 hours. Closed in 20 minutes. Tool opened with a fair blow decreasing at end of test. No gas to surface. Recovery was 60' of gas cut drilling mud and 30' of gray colored drilling mud.
- Test No. 2** May 12, 1956. 4280-4290. Tool open 2 hours. Closed in 20 minutes. Tool opened with good blow. Gas to surface in 5 minutes. No fluid to surface. Recovery was 330' of oil and gas cut mud and 200' of salty water.