

## WELL RECORD

COMMISSION  
RECEIVED  
JAN 19 1961  
O. C. C.  
ARTESIA, OFFICE

AREA 640 ACRES  
LOCATE WELL CORRECTLY

## Western-Yates

(Company or Operator)

State 647

(Law)

Well No. 166-2 in NW 1/4 of SW 1/4, of Sec. 26, T. 17-S, R. 28-E, NMPM

## Red Line

**Pool.**

**Edy**

County

Well is **1650** feet from **South** line and **460** feet from **West** line

of Section 26 If State Land the Oil and Gas Lease No. is 647

Drilling Commenced 12-29-60 1960 Drilling was Completed 1-4-61 1961

Name of Drilling Contractor.....**Harvey Yates**.....

Address Artesia, New Mexico

Elevation above sea level at Top of Tubing Head..... **3664'**..... The information given is to be kept confidential until

**Not confidential** 19

No. 1, from 2072 to 2082 No. 4, from \_\_\_\_\_ to \_\_\_\_\_

No. 2, from.....to..... No. 5, from.....to.....

No. 3, from.....to..... No. 6, from.....to.....

**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. ....

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
7"	17 lb.	New	603	Guide			Surface
4-1/2"	11.6 lb.	New	2098	Guide		2072'-82'	Production

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
9-5/8	7"	603	75	One Plug		
6-1/4	4-1/2"	2098	125	One Plug		

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

**Sand oil fractured with 30,000 lbs. sand, 700 lbs. Adomite and 427 bbls. lease crude.**

Result of Production Stimulation..... **Flowed 120 bbls. oil, no water in 8 hours through 22/64" choke**

with 97 MCF gas, GOR 810.

..Depth Cleaned Out.....2097'

# RECORD OF DRILL-STEM AND SPECIAL TESTS

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 2098 feet, and from feet to feet.  
Cable tools were used from feet to feet, and from feet to feet.

## PRODUCTION

Put to Producing January 16, 1961  
OIL WELL: The production during the first 24 hours was 120 barrels of liquid of which 100 was oil; 0 % was emulsion; 0 % water; and 0 % was sediment. A.P.I. Gravity 37°  
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

T. Anhy.  
T. Salt.  
B. Salt.  
T. Yates 545'  
T. 7 Rivers 805'  
T. Queen 1377'  
T. Grayburg 1793'  
T. San Andres  
T. Glorieta  
T. Drinkard  
T. Tubbs  
T. Abo  
T. Penn  
T. Miss

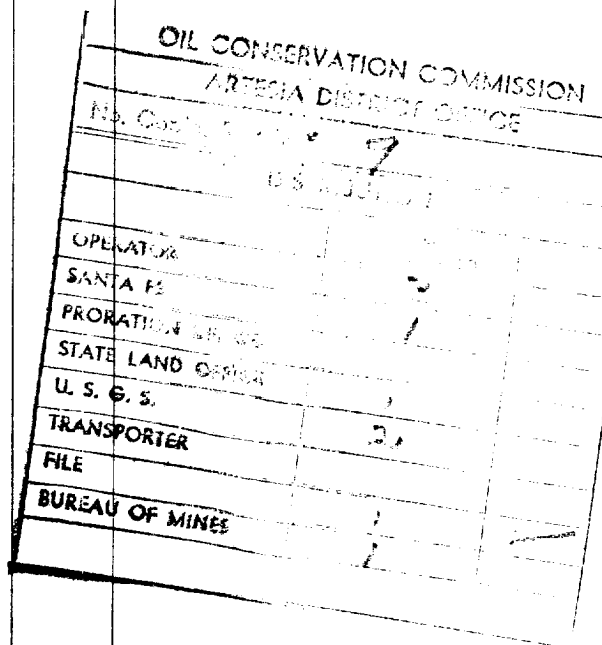
T. Devonian  
T. Silurian  
T. Montoya  
T. Simpson  
T. McKee  
T. Ellenburger  
T. Gr. Wash  
T. Granite  
T. Premier 2070'  
T.  
T.  
T.  
T.  
T.

### Northwestern New Mexico

T. Ojo Alamo  
T. Kirtland-Fruitland  
T. Farmington  
T. Pictured Cliffs  
T. Menefee  
T. Point Lookout  
T. Mancos  
T. Dakota  
T. Morrison  
T. Penn  
T.  
T.  
T.

## FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	290	290	Sand & red shale				
290	600	310	Anhydrite & red beds				
600	760	160	Anhydrite, sand & shale				
760	870	110	Anhydrite & red beds				
870	1000	130	Anhydrite				
1000	1530	530	Anhydrite & lime				
1530	1630	100	Anhydrite & red sand				
1630	1860	230	Anhydrite				
1860	2030	170	Lime & dolomite				
2030	2060	30	Lime				
2060	2098	38	Dolomite				
	TD	2098					



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.

Company or Operator Western-Yates January 18, 1961 (Date)  
Name B. W. Warren Address P.O. Box 427, Artesia, New Mexico  
Position Title Engineer