

AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

WELL RECORD

RECEIVED
FEB 27 1961
D. C. C.
ARTESIA, OFFICE

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

Western-Yates
(Company or Operator)

State 648
(Lease)

Well No. 167, in NE 1/4 of NE 1/4, of Sec. 22, T. 19-S, R. 28-E, NMPM.
E. Millman (Seven Rivers) Under Pool, Eddy County.
Well is 760 feet from North line and 660 feet from East line
of Section 22. If State Land the Oil and Gas Lease No. is 648
Drilling Commenced 12-29, 1960. Drilling was Completed 1-10, 1961.
Name of Drilling Contractor Roach Drilling Company
Address Artesia, New Mexico
Elevation above sea level at Top of Tubing Head 3419'. The information given is to be kept confidential until
Not confidential, 19.

OIL SANDS OR ZONES

No. 1, from 1130 to 1140 No. 4, from to
No. 2, from 1146 to 1147 No. 5, from to
No. 3, from 1174 to 1178 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 185 to 195 feet.
No. 2, from 260 to 270 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
7"	17.0	New	428	Texas Pattern			Surface
4-1/2"	11.6	New	1245	Guide		1130'-40', 1146'-47', 1174'-78'	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"	7"	428	100	One Plug		
6-3/8"	4-1/2"	1246	100	One Plug		

RECORD OF PRODUCTION AND STIMULATION

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

Treated with a total of 38,700 lbs. sand using 761 barrels lease crude.
Set permanent cast iron bridge plug at 1190'.
Result of Production Stimulation Flowed 49 barrels oil, no water in 24 hours on 20/64" choke with
20.58 MCF gas. GOR 420.
Depth Cleaned Out 1190'

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.....feet to.....feet, and from.....feet to.....feet.
Cable tools were used from. **Surface**feet to. **1247**feet, and from.....feet to.....feet.

PRODUCTION

Put to Producing. **February 22,**19 **61**

OIL WELL: The production during the first 24 hours was.....**49**.....barrels of liquid of which.....**100**.....% was
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

Northwestern New Mexico

T. Anhy.....	T. Devonian.....	T. Ojo Alamo.....
T. Salt..... 398	T. Silurian.....	T. Kirtland-Fruitland.....
B. Salt..... 515	T. Montoya.....	T. Farmington.....
T. Yates..... 740	T. Simpson.....	T. Pictured Cliffs.....
T. 7 Rivers..... 1130	T. McKee.....	T. Menefee.....
T. Queen.....	T. Ellenburger.....	T. Point Lookout.....
T. Grayburg.....	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	195	195	Sand & Caliche	705	775	70	Anhydrite & lime
195	270	75	Sand & shale	775	810	35	Anhydrite
270	340	70	Red shale	810	870	60	Anhy, red sand & shale
340	380	40	Anhydrite & red shale	870	915	45	Anhydrite
380	400	20	Anhydrite	915	960	45	Anhy, & red shale
400	525	125	Salt	960	1065	105	Anhydrite
525	535	10	Anhydrite	1065	1110	45	Sand & red shale
535	550	15	Anhydrite & lime	1110	1205	95	Lime
550	580	30	Anhydrite & shale	1205	1220	15	Anhydrite
580	680	100	Anhydrite	1220	1247	27	Anhydrite
680	705	25	Lime				

OIL & GAS COMMISSION
ARTESIA DISTRICT OFFICE
No. Copies Received **9**
FILED **1247**
DISTRIBUTION
NO. FORWARDED **3**
OPERATOR
SANTA FE
PRODUCTION OFFICE
STATE LAND OFFICE
U. S. G. S.
TRANSPORTER
FILE
BUREAU OF MINES

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**.....Address.....**P.O. Box 427, Artesia, New Mexico**.....
Name.....**R. W. Warrington**.....Position.....**Engineer**.....
Date.....**February 24, 1961**.....