

		X				

AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD RECEIVED
FEB 14 1961
O. C. C.
ARTESIA, OFFICE

Mail to District Office, Oil Conservation Commission, to which Form C-105 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 647

(Lease)

Well No. 170, in NE 1/4 of NW 1/4, of Sec. 35, T. 17-S, R. 28-E, NMPM.

Artesia

Pool,

Eddy

County.

Well is 360 feet from North line and 1952 feet from West line

of Section 35. If State Land the Oil and Gas Lease No. is 647

Drilling Commenced 1-31-61, 19. Drilling was Completed 2-7-61, 19.

Name of Drilling Contractor Harvey Yates

Address Artesia, New Mexico

Elevation above sea level at Top of Tubing Head 3861. The information given is to be kept confidential until

Not confidential, 19.

OIL SANDS OR ZONES

No. 1, from 2167 to 2173 No. 4, from to

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

No. 3, from to 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
7"	17 lb.	New	580'	Guide			Surface
4-1/2"	11.6 lb.	New	2214'	Guide		2167'-2173'	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
10-3/4	7"	580	75	One Plug		
6-1/4	4-1/2	2214	125	One Plug		

RECORD OF PRODUCTION AND STIMULATION

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

Treated perforations with 30,000 lbs. sand using 392 barrels lease crude.

Result of Production Stimulation Flowed 120 barrels oil, no water, in 8 hours on 22/64" choke

with 97.8 MCF gas, GOR 115.

Depth Cleaned Out 2212'

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

Rotary tools were used from Surface feet to 2215 feet, and from _____ feet to _____ feet.
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

Put to Producing **February 12.** 19**1961**

OIL WELL: The production during the first 8 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

Northwestern New Mexico

T. Anhy.....	T. Devonian.....	T. Ojo Alamo.....
T. Salt.....	T. Silurian.....	T. Kirtland-Fruitland.....
B. Salt.....	T. Montoya.....	T. Farmington.....
T. Yates.....	T. Simpson.....	T. Pictured Cliffs.....
T. 7 Rivers..... 860'	T. McKee.....	T. Menefee.....
T. Queen..... 1248'	T. Ellenburger.....	T. Point Lookout.....
T. Grayburg..... 1800'	T. Gr. Wash.....	T. Mancos.....
T. San Andres..... 2207'	T. Granite.....	T. Dakota.....
T. Glorieta.....	T. Premier 2164'	T. Morrison.....
T. Drinkard.....	T.	T. Penn.....
T. Tubbs.....	T.	T.
T. Abo.....	T.	T.
T. Penn.....	T.	T.
T. Miss.....	T.	T.

From	To	Thickness in Feet	Formation
0	470	470	Red rock
470	580	110	Anhydrite
580	640	60	Anhydrite & red bed
640	870	230	Anhydrite & lime
870	1170	300	Anhydrite
1170	1550	380	Anhydrite & lime
1550	2020	470	Lime
2020	2140	120	Lime & dolomite
2140	2160	20	Lime
2160	2215	55	Oil & Gas sand
		-	
	TD	2215	

OIL CONSERVATION COMMISSION
ARTESIA DISTRICT OFFICE

No. Copies Received **9**

DISTRIBUTION

	NO. FURNISHED	
OPERATOR	3	
SANTA FE	1	
PRODUCTION OFFICE		
STATE LAND OFFICE	1	
U. S. G. S.	2	
TRANSPORTER		
FILE	1	✓
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.

February 13, 1961 (Date)

Company or Operator **Western-Yates** Address **P. O. Box 427, Artesia, New Mexico**

Name **B. Harcourt** Position Title **Engineer**