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NEW MEXICO OIL CONSERVATION COMMISSION

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*

RECEIVED
SEP 11 1947
O. C. C.
ARTERIA OFFICE

**AREA 640 ACRES
LOCATE WELL CORRECTLY**

Western-Yates

State 647

(Company or Operator)

(Leave)

Well No. 173, in SE $\frac{1}{4}$ of SE $\frac{1}{4}$, of Sec. 26, T. 17-S, R. 28-E, NMPM.

Artesia Pool Eddy County

Well is 330 feet from South line and 990 feet from East line

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

Drilling Commenced.....8-21-61.....19..... Drilling was Completed.....8-26-61.....19.....

Name of Drilling Contractor.....Harvey Yates

Home Address Artesia, New Mexico

Elevation above sea level at Top of Tubing Head.....3668'..... The information given is to be kept confidential until
not confidential..... 19.....

OIL SANDS OR ZONES

No. 1, from 2191 to 2196 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	593	Float			Surface
4 1/2"	11.6 lb.	New	2228	Float		2191'-96'	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
9 5/8	7	593	75			
6 1/4	4 1/2	2228	75			

RECORD OF PRODUCTION AND STIMULATION

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

.....Treated with 40,000 lbs. sand using 598 barrels lease crude.....

Result of Production Stimulation.....Flowed 62 BO in 24 hours on 14/64" choke.....

..... Depth Cleaned Out..... 2228'

WESTERN-YATES INTERNATIONAL-YATES
effective December 31, 1962

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 surface feet to 2230' feet, and from _____ feet to _____ feet.
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

PRODUCTION

Put to Producing September 5, 19 61

OIL WELL: The production during the first 24 hours was 62 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.....	T. Silurian.....	T. Kirtland-Fruitland.....
B. Salt.....	T. Montoya.....	T. Farmington.....
T. Yates..... <u>634</u>	T. Simpson.....	T. Pictured Cliffs.....
T. 7 Rivers..... <u>894</u>	T. McKee.....	T. Menefee.....
T. Queen..... <u>1486</u>	T. Ellenburger.....	T. Point Lookout.....
T. Grayburg..... <u>1898</u>	T. Gr. Wash.....	T. Mancos.....
T. San Andres.....	T. Granite.....	T. Dakota.....
T. Glorieta.....	T. Premier <u>2183</u>	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	350	350	Red rock	1300	1480	180	Dolomite & anhydrite
350	520	170	Anhy. & red shale	1480	1540	60	Dolomite
520	700	180	Dolo., anhy., red shale	1540	1720	180	Dolo., anhy. & gray shale
700	920	220	Anhy. & red shale	1720	1840	120	Dolomite
920	950	30	Dolo., anhy. & red shale	1840	1890	50	Dolomite & anhydrite
950	970	20	Dolo., anhy. & gray sand	1890	1950	60	Dolomite
970	1040	70	Dolomite & anhydrite	1950	2180	230	Dolomite & anhydrite
1040	1060	20	Anhydrite	2180	2191	11	Dolomite
1060	1080	20	Anhy. & red shale	2191	2196	5	Sand
1080	1220	140	Dolomite & anhydrite	2196	2230	34	Dolomite
1220	1300	80	Dolo., anhy. & red shale		TD <u>2230'</u>		

OIL CONSERVATION COMMISSION

ARTESIA DISTRICT OFFICE

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OPERATOR

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TRANSPORTER

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

BUREAU OF MINES

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.

September 7, 1961

(Date)

Company or Operator Western Yates

Address E. O. Box 427, Artesia, New Mexico

Name M. D. Avenport

Position or Title Prod. Supt.