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	GAS
PRODUCTION OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION
RECEIVED Santa Fe, New Mexico

JAN 3 1962

WELL RECORD

N. 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

AREA 640 ACRES
LOCATE WELL CORRECTLY

Western-Yates

(Company or Operator)

State 648

(Lease)

Well No. 178, in SE 1/4 of SE 1/4, of Sec. 14, T. 19-S, R. 28-E, NMPM.

East Millman (Queen-Grayburg) Pool, Eddy County.

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

of Section 14. If State Land the Oil and Gas Lease No. is 648.

Drilling Commenced November 1, 1961. Drilling was Completed December 4, 1961.

Name of Drilling Contractor Roach Drilling Company.

Address Artesia, New Mexico.

Elevation above sea level at Top of Tubing Head 3393' GL. The information given is to be kept confidential until

Not Confidential, 19.

OIL SANDS OR ZONES

No. 1, from 2092 to 2096 No. 4, from 2222 to 2226

No. 2, from 2148 to 2156 No. 5, from 2242 to 2246

No. 3, from 2204 to 2210 No. 6, from 2260 to 2264

IMPORTANT WATER SANDS

Name changed from
WESTERN-YATES to INTERNATIONAL-YATES
effective December 31, 1962

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
10 3/4	32.75	Used	430	Texas Pattern			Surface
4 1/2	11.60	New	2388	Float		2092-96; 2148-56; 2204-10; 2222-26; 2242-46; 2260-64.	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
12 1/2"	10 3/4	430	75	One plug		
8"	4 1/2"	2388	275	One plug		

RECORD OF PRODUCTION AND STIMULATION

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

Treated selectively with 320 gallons regular acid and 130,000 lb. sand using 1938 barrels lease crude.

Result of Production Stimulation. Flowed 45 barrels of oil and 7 barrels of water in 24 hours on 1/2" choke with 81 MCF gas, GOR 1800.

Depth Cleaned Out 2384

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 2389 feet, and from.....feet to.....feet.

PRODUCTION

Put to Producing.....December 30....., 1961.....

OIL WELL: The production during the first 24 hours was.....52.....barrels of liquid of which.....82.....% was
was oil;.....0.....% was emulsion;.....18.....% 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>812</u>	T. Simpson.....	T. Pictured Cliffs.....
T. 7 Rivers..... <u>1198</u>	T. McKee.....	T. Menefee.....
T. Queen..... <u>1662</u>	T. Ellenburger.....	T. Point Lookout.....
T. Grayburg..... <u>2022</u>	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	150	150	Red beds & gravel	1510	1520	10	Sand
150	170	20	Gypsum & gravel	1520	1545	25	Pk sandy lime
170	195	25	anhy	1545	1670	125	Lime
195	245	50	Shale & anhy	1670	1690	20	Sand & lime
245	295	50	Shale & red beds	1690	1745	55	Lime
295	360	65	anhy & red beds	1745	1770	25	Sand & lime
360	370	10	anhy	1770	1800	30	Lime
370	390	20	anhy & salt	1800	1815	15	Sand & lime
390	400	10	anhy	1815	1830	15	Lime
400	585	185	Salt	1830	1885	55	Sand & lime
585	600	15	Salt & anhy	1885	1990	105	Lime
600	770	170	anhy	1990	2005	15	Sand
770	795	25	Lime	2005	2070	65	Lime, anhy & shale
795	915	120	anhy	2070	2095	25	Lime
915	925	10	Gray sand	2095	2100	05	Sand
925	1145	220	anhy	2100	2220	120	Lime
1145	1210	65	Shale & broken anhy	2220	2230	10	Gray sand
1210	1510	300	Lime	2230	2295	65	Gray lime
				2295	2305	10	Sand
				2305	2370	65	Lime
				2370	2389	19	Gray lime & sand
					T. D	2389	

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.

January 2, 1962

Company or Operator Western-Yates

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

Name R. J. Davenport

Position or Title Production Superintendent