

AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

RECEIVED

NOV 14 1960

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)

Malco State

(Lease)

Well No. 3, in SW 1/4 of NW 1/4, of Sec. 23, T. 19-S, R. 28-E, NMPM.

E. Millman Queen-Grayburg

Pool,

Eddy

County.

Well is 1650 feet from FNL line and 330 feet from FWL line

of Section 23 If State Land the Oil and Gas Lease No. is E-5136

Drilling Commenced 9-18-60, 19 Drilling was Completed 10-26-60, 19

Name of Drilling Contractor Harvey Yates

Address Artesia, New Mexico

Elevation above sea level at Top of Tubing Head 3410' The information given is to be kept confidential until

Not confidential, 19

OIL SANDS OR ZONES

No. 1, from 2138 to 2150 No. 4, from to

No. 2, from 2266 to 2272 No. 5, from to

No. 3, from 2280 to 2286 No. 6, from to

IMPORTANT WATER SANDS

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

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from 1990 to 2001 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	New	353'	Guide			Surface
7"	17.00	Used	2095'		Pulled		Water Shut-off
4-1/2"	11.60	New	2475'	Float		2266'-72', 2280'-86', 2138'-50'	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"	10-3/4"	353'	75	Pump & Plug		
8"	7"	2095'	Mudded			20 sacks
6"	4-1/2"	2475'	120	Pump & Plug		

RECORD OF PRODUCTION AND STIMULATION

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

Treated perforations 2266'-72' and 2280'-86' with 40,000 lbs. sand using 30 ball sealers and .05 lbs. Ademite per gallon. Set bridge plug at 2160'. Treated perforations 2138'-50' with 30,000 lbs. sand using .05 lbs. Ademite per gallon. Total lease crude used 802 bbls.

Result of Production Stimulation 150 bbl. oil, no water in 24 hours on 1/2" choke with 185 MCF gas, GOR 1215

Depth Cleaned Out 2460'

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 **2620'** feet, and from.....feet to.....feet.

PRODUCTION

Put to Producing..... **November 12** 19 **60**

OIL WELL: The production during the first 24 hours was.....152.....barrels of liquid of which.....100.....% was
was oil;0.....% was emulsion;0.....% water; and.....0.....% was sediment. A.P.I.
Gravity.....38°.....

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..... 405	T. Silurian.....	T. Kirtland-Fruitland.....
B. Salt..... 570	T. Montoya.....	T. Farmington.....
T. Yates..... 790	T. Simpson.....	T. Pictured Cliffs.....
T. 7 Rivers..... 1200	T. McKee.....	T. Menefee.....
T. Queen..... 1684	T. Ellenburger.....	T. Point Lookout.....
T. Grayburg..... 2056	T. Gr. Wash.....	T. Mancos.....
T. San Andres..... 2558	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	50	50	Caliche, sand & Red Bed	1690	1730	40	Red & gray sand
50	180	130	Red Bed	1730	1750	20	Dolomite
180	195	15	Anhydrite	1750	1790	40	Dolomite red & gray sand
195	205	10	Shale & gravel	1790	1820	30	Dolomite
205	355	150	Red shale	1820	1950	130	Dolomite & gray sand
355	560	205	Salt	1950	2000	50	Dolomite
560	760	200	Anhy, dolo, & red shale	2000	2030	30	Dolomite & gray sand
760	850	90	Anhy, dolo, red & gray sand	2030	2160	130	Dolomite
850	1000	150	Anhy, red shale, red & gray sd.	2160	2270	110	Dolomite & gray sand
1000	1050	50	Anhy, dolo & red shale	2270	2340	70	Gray sand
1050	1110	60	Anhy & red shale	2340	2400	60	Dolomite and gray sand
1110	1200	90	Anhy, red & gray sand	2400	2440	40	Dolomite
1200	1350	150	Dolo, red & gray sand	2440	2460	20	Gray sand
1350	1550	200	Dolo, 1/3 pinky, anhy	2460	2580	120	Dolomite & gray sand
1550	1600	50	Dolo, 1/2 pink, red & gray sd.	2580	2620	40	Dolomite
1600	1690	90	Dolo, 1/3 pink, anhy, red sd.				
					TD	2620'	

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.

November 12, 1960

Company or Operator... **Western-Yates**

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

Name..... A. Harenpoth

Position Title..... **Engineer**.....