



AREA 640 ACRES
LOCATE WELL CORRECTLY

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

Western - Yates Malco State
(Company or Operator) (Lease)

Well No. 1, in NW 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 660 feet from North line and 660 feet from West line
of Section 23. If State Land the Oil and Gas Lease No. is E - 5136
Drilling Commenced March 2, 1959 Drilling was Completed April 21, 1959
Name of Drilling Contractor Roach & Shepard
Address Artesia, New Mexico
Elevation above sea level at Top of Tubing Head 3418' DF The information given is to be kept confidential until
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OIL SANDS OR ZONES

No. 1, from 1133 to 1150 (700' of oil in hole in 24 hrs.) No. 4, from 1798 to 1808
No. 2, from 1763 to 1772 No. 5, from 1824 to 1844
No. 3, from 1777 to 1783 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 195 to 205 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	284'	Reg.	Not	None	Surface
4 1/2"	11.6	New	1938'	Howco		1763-72	Production
						1777-83	
						1798-1808	
						1828-44	

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"	284'	75	Denton	None	None
10" & 8"	4 1/2"	1938'	250	"	"	"

RECORD OF PRODUCTION AND STIMULATION

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

Perf. 1763-72', 1777-83', SOF with 11,000 gals. and 30,000 lbs. sand
Perf. 1798-1808'. SOF with 20,000 gals. and 48,000 lbs. sand
Perf. 1828-44'. SOF with 20,000 gals. and 40,000 lbs. sand
Result of Production Stimulation IP Flow 150 BOPD plus 5 BXW
Depth Cleaned Out

B. ORD OF DRILL-STEM AND SPECIAL TES.

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 0 feet to 2533 feet, and from feet to feet.
Cable tools were used from 0 feet to 2533 feet, and from feet to feet.

PRODUCTION

Put to Producing May 1, 1959

OIL WELL: The production during the first 24 hours was 150 barrels of liquid of which 97 % was oil; 3 % was emulsion; 3 % water; and % 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. Salt	390	T. Silurian	
B. Salt	550	T. Montoya	
T. Yates		T. Simpson	
T. 7 Rivers		T. McKee	
T. Queen	1600	T. Ellenburger	
T. Grayburg	2340	T. Gr. Wash.	
T. San Andres		T. Granite	
T. Glorieta		T.	
T. Drinkard		T.	
T. Tubbs		T.	
T. Abo		T.	
T. Penn.		T.	
T. Miss.		T.	
T. Ojo Alamo			
T. Kirtland-Fruitland			
T. Farmington			
T. Pictured Cliffs			
T. Menefee			
T. Point Lookout			
T. Mancos			
T. Dakota			
T. Morrison			
T. Penn.			
T.			
T.			
T.			
T.			

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	45	45	Sand and caliche	2110	2180	70	Grey sand
45	145	100	Sand	2180	2250	70	Dolo.
145	205	60	Sand and gravel	2250	2330	80	Dolo. and grey sand
205	290	85	Sand with shale	2330	2533	203	Dolo.
290	390	100	Red Bed and anhy.				Total Depth 2533'
390	550	160	Salt				
550	835	285	Anhy.				
835	970	135	Red Bed and anhy.				
970	1060	90	Anhy. and red shale				
1060	1070	10	Red sand				
1070	1090	20	Anhy., red and grey sh.				
1090	1120	30	Anhy. and sand				
1120	1300	180	Dolo.				
1300	1420	120	Dolo. and anhy				
1420	1460	40	Pink dolo. and anhy.				
1460	1480	20	Anhy. and red sand				
1480	1550	70	Dolo., 1/2 pink				
1550	1600	50	Anhy. and pink dolo.				
1600	1640	40	Grey sand				
1640	1790	150	Dolo. and grey sand				
1790	1810	20	Grey sand				
1810	1940	130	Dolo. and grey sand				
1940	2040	100	Dolo.				
2040	2045	5	Grey sand				
2045	2110	65	Dolo.				

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.

May 12, 1959
Company or Operator Western - Yates
Address P.O. Box 427, Artesia, N.M.
Name J. L. Turner
Position or Title Dist. Supt.