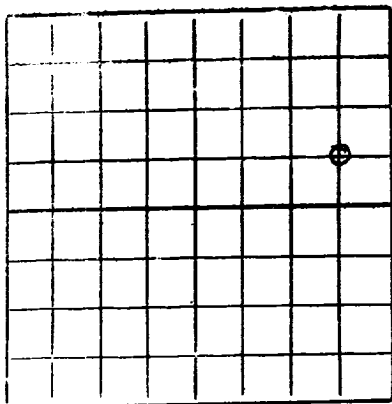


NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

WELL RECORD



AREA 640 ACRES  
LOCATE WELL CORRECTLY

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)

Western State  
(Lease)

Well No. 5, in SE 1/4 of NE 1/4, of Sec. 14, T. 19 S., R. 28 E., NMPM.

E. Millman Queen-Grayburg Pool, Eddy County.

Well is 1980 feet from North line and 660 feet from East line

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

Drilling Commenced January 10, 1959. Drilling was Completed February 6, 1959

Name of Drilling Contractor: Roach & Shepard

Address: Artesia, New Mexico

Elevation above sea level at Top of Tubing Head: 3399 DF. The information given is to be kept confidential until 1959

OIL SANDS OR ZONES

No. 1, from 1738 to 1748 No. 4, from 2067 to 2088  
No. 2, from 1796 to 1808 No. 5, from 2124 to 2136  
No. 3, from 2052 to 2058 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 185 to Hole full 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	339	Guide	-		Surface
4 1/2	11.6	New	2201	Float	-	1738-48; 1796-1808; 2052-58; 2067-88; 2124-36	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	339	75	Pump	-	-
8"	4 1/2	2201	225	Pump		

RECORD OF PRODUCTION AND STIMULATION

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

1738-48' SOF with 11,550 gals. and 46,200# sand

1796-1808' SOF with 9,000 gals. and 13,000# sand

2052-58 and 2067-88' SOF with 21,500 gals. and 54,000# sand

2124-36' SOF with 10,500 gals. and 36,500# sand

Result of Production Stimulation: Well flowed 250 BOPD

Depth Cleaned Out: 2198

**R. 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 0 feet to 2201 feet, and from ..... feet to ..... feet.

**PRODUCTION**

Put to Producing February 10, 19 59

OIL WELL: The production during the first 24 hours was 250 barrels of liquid of which 100 % was  
 was oil; ..... % was emulsion; ..... % water; and ..... % was sediment. A.P.I.  
 Gravity 39.1

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..... <u>365</u>	T. Silurian.....	T. Kirtland-Fruitland.....	
B. Salt..... <u>585</u>	T. Montoya.....	T. Farmington.....	
T. Yates.....	T. Simpson.....	T. Pictured Cliffs.....	
T. 7 Rivers.....	T. McKee.....	T. Menefee.....	
T. Queen..... <u>1654</u>	T. Ellenburger.....	T. Point Lookout.....	
T. Grayburg..... <u>1998</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	60	60	Sand and Caliche				
60	270	210	Red Beds and sand				
270	365	95	Red Beds				
365	585	220	Salt and Potash				
585	865	280	Anhy. and red shale				
865	1242	377	Anhy.				
1242	1654	412	Grey and brown lime				
1654	1700	46	Red and grey sand				
1700	2201	501	Lime with sand stringers				
			Total Depth 2201'				

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 11, 1959

Company or Operator Western - Yates

Address P. O. Box 427, Artesia, N. M.

Name W. B. Macey

Position or Title Chairman of Operating Committee