



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

AREA 640 ACRES
LOCATE WELL CORRECTLY

Western - Yates State 648, Tract 15
(Company or Operator) (Lease)

Well No. 148, in NE 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 660 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 February 11, 1959 Drilling was Completed March 13, 1959

Name of Drilling Contractor Roach & Shepard

Address Artesia, New Mexico

Elevation above sea level at Top of Tubing Head 3404 DF The information given is to be kept confidential until
1959

OIL SANDS OR ZONES

No. 1, from 1740 to 1760 No. 4, from 2086 to 2096
No. 2, from 1787 to 1791 No. 5, from to
No. 3, from 1806 to 1814 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 200 to 205 feet. Could not bail
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	327	Texas	Not	None	Surface
8 5/8	24	New	1850		1850'	None	Shut off Queen oil
4 1/2	11.6	New	2175	Float	Not		Production string

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	327	75	Denton	None	None
8	4 1/2	2175	250	Denton	None	None

RECORD OF PRODUCTION AND STIMULATION

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

Perfs. 1740-60', 350 gals. acid, 30,000 gals. SOF, 64,000 lbs. sand

Perfs. 1787-91, 1806-1814, 5,000 gals. SOF, 10,500 lbs. sand

Perfs. 2086-96, 150 gals. acid, 23,500 gals. SOF, 61,000 lbs. sand

Result of Production Stimulation I P Flow 300 BCPD

2172' Depth Cleaned Out

CORD OF DRILL-STEM AND SPECIAL T 9

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.....feet to.....2175.....feet, and from.....feet to.....feet.

PRODUCTION

Put to Producing.....March 23, 1959....., 19.....

OIL WELL: The production during the first 24 hours was.....300.....barrels of liquid of which.....100.....% was
was oil;% was emulsion;% water; and.....% was sediment. A.P.I.
Gravity.....39.5.....

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.....380.....	T. Silurian.....	T. Kirtland-Fruitland.....
B. Salt.....600.....	T. Montoya.....	T. Farmington.....
T. Yates.....	T. Simpson.....	T. Pictured Cliffs.....
T. 7 Rivers.....	T. McKee.....	T. Menefee.....
T. Queen.....1668.....	T. Ellenburger.....	T. Point Lookout.....
T. Grayburg.....2010.....	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	170	170	Red Bed				
170	380	210	Red Bed and anhy.				
380	600	220	Salt				
600	1100	500	Anhy.				
1100	1145	45	Anhy. and sand				
1145	1265	120	Dolo., little grey shale				
1265	1305	40	Dolo. and anhy.				
1305	1655	350	Dolo., 50% pink				
1655	1685	30	Dolo. and grey sand				
1685	1705	20	Red sand				
1705	1720	15	Dolo.				
1720	1755	35	Grey sand				
1755	1780	25	Dolo.				
1780	1850	70	Dolo. and grey sand				
1850	1880	30	Grey sand				
1880	2000	120	Dolo. and sand				
2000	2175	175	Dolo.				
			T. D. 2175'				

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.

March 24, 1959

Company or Operator.....Western - Yates.....Address.....P. O. Box 427, Artesia, N. M.
Name.....F. A. L. Hanson.....Position or Title.....Dist. Supt.