

**Santa Fe, New Mexico**

RECEIVED

**WELL RECORD** JAN 6 1961

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. 165, in NW ¼ of SE ¼, of Sec. 15, T. 19-S, R. 28-E, NMPM.  
E. Millman (Queen-Grayburg) Pool, Eddy County.

Well is 1650 feet from South line and 1650 feet from East line  
of Section 15. If State Land the Oil and Gas Lease No. is 648

Drilling Commenced.....**11-26-60**....., 19..... Drilling was Completed.....**12-21-60**....., 19.....

Name of Drilling Contractor..... **C. E. Roach Drilling Company** .....

Address..... **Artesia, New Mexico** .....

Elevation above sea level at Top of Tubing Head..... **3448'**..... The information given is to be kept confidential until  
**Not confidential.**..... 19.....

No. 1, from 1814 to 1824 No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

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. ....

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
7"	17 lb.	Used	436	Texas Pattern			Surface
4-1/2"	11.6 lb.	New	1853	Guide		1814'-24'	Production

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
12"	7"	436	150	One Plug		
8"	4-1/2"	1853	125	One Plug		

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

Sand oil fractured with 40,000 lbs. sand, 700 lbs. adomite and total of 426 bbls. lease crude.

Result of Production Stimulation..... Flowed 48 bbls. oil, no water. in 8 hours on 22/64" choke with  
67.7 MCF gas. GOR 1410.

..Depth Cleaned Out.....1253.....

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

Rotary tools were used from.....feet to.....feet, and from.....feet to.....feet.  
Cable tools were used from **Surface** feet to **1855** feet, and from.....feet to.....feet.

Put to Producing.....**January 4**....., 19**61**

GAS WELL: The production during the first 24 hours was.....M.C.F. plus.....barrels of liquid Hydrocarbon. Shut in Pressure.....lbs.

**PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):**

T. Anhy.....	T. Devonian.....	T. Ojo Alamo.....
T. Salt..... 410'	T. Silurian.....	T. Kirtland-Fruitland.....
B. Salt..... 568'	T. Montoya.....	T. Farmington.....
T. Yates..... 769'	T. Simpson.....	T. Pictured Cliffs.....
T. 7 Rivers..... 1108'	T. McKee.....	T. Menefee.....
T. Queen..... 1665'	T. Ellenburger.....	T. Point Lookout.....
T. Grayburg.....	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. ....

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	350	350	Sand & Red beds				
350	420	70	Anhydrite				
420	575	155	Salt				
575	735	160	Anhydrite				
735	760	25	Gray lime				
760	1050	290	Anhydrite				
1050	1200	150	Anhydrite & red shale				
1200	1500	300	Lime				
1500	1545	45	Anhydrite & lime				
1545	1600	55	Anhydrite				
1600	1640	40	Anhydrite & dolomite				
1640	1700	60	Red & gray sand				
1700	1760	60	Dolomite, anhydrite, red & gray sand				
1760	1770	10	Dolomite				
1770	1790	20	Dolomite & anhydrite				
1790	1800	10	Dolomite, red & gray sand				
1800	1820	20	Gray sand				
1820	1855	35	Dolomite, red & gray sand				
	TD	1855					

January 5, 1961

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

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