

**Santa Fe, New Mexico**

MISSION  
RECEIVED  
FEB 28 1961  
O. C. C.  
ARTESIA, OFFICE

## 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 5 Copies

AREA 640 ACRES  
LOCATE WELL CORRECTLY

**Martin Yates, III**  
(Company or Operator)

**Dooley-State Abo**  
(Lam)

Well No. 2 in NW 1/4 of SE 1/4 of Sec 36, T 17 S, R 27 E. NMPM.

## Empire Abo

### Pool

## Body

County.

Well is 1650 feet from South line and 1650 feet from North EAST line.  
of Section 36. If State Land the Oil and Gas Lease No. is B-752

Drilling Commenced **February 11,** 19**61** Drilling was Completed **February 26.** 19 **61**

Name of Drilling Contractor: **Yates Drilling Company**

Address **309 Garber Building, Artesia, New Mexico.**

Elevation above sea level at Top of Tubing Head 3654-KB..... The information given is to be kept confidential until 19.....

**Note: All measurements from Kelly Bushing.**

## OIL SANDS OR ZONES

No. 1, from 5646 to 5899 No. 4, from \_\_\_\_\_ to \_\_\_\_\_

No. 2, from.....to..... No. 5, from.....to.....

No. 3, from.....to..... 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 ..... to ..... 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
8 5/8		New	940				Surface string
5 1/2		New	5960	Float		5749-5766	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
11"	8 5/8"	950	400	Circulated Set		
7 7/8"	5 1/2"	5970	600			

### RECORD OF PRODUCTION AND STIMULATION

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

**Perforated Abo Reef from 5749 to 5766' with 2 shots per foot.**

Acidized with 3000 gallons of 15% regular acid with DS-50 added through 2" tubing with packer set at 5591 feet.

Result of Production Stimulation.....Swabbed 2 1/2 hours, well kicked off and flowed. Flowed to clean up, then flowed 110 barrels of oil in; four hours.

**..Depth Cleaned Out.....**

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 0 feet to 5970 feet, and from feet to feet.  
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing February 27, 1961

OIL WELL: The production during the first 24 hours was 130 barrels of liquid of which 90 % was acid was oil; % was emulsion; 10 % water; and % was sediment. A.P.I. Gravity 42°

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

T. Anhy.  
T. Salt.  
B. Salt.  
T. Yates.  
T. 7 Rivers. 507  
T. Queen. 1055  
T. Grayburg. 1493  
T. San Andres. 1840  
T. Glorieta. 3238  
T. Drinkard.  
T. Tubbs.  
T. Abo. 5423  
T. Penn.  
T. Miss.

T. Devonian.  
T. Silurian.  
T. Montoya.  
T. Simpson.  
T. McKee.  
T. Ellenburger.  
T. Gr. Wash.  
T. Granite.  
T.  
T.  
T.  
T.  
T.

Northwestern New Mexico

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.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	395	395	Red bed & anhydrite				
395	638	243	Anhydrite				
638	752	114	Anhydrite & Lime				
752	968	216	Anhydrite				
968	1270	302	Anhydrite & Lime				
1270	1393	123	Anhydrite				
1392	1657	264	Anhydrite & Lime				
1657	1778	121	Anhydrite, Lime, Sand				
1778	2896	1118	Lime				
2896	5296	2400	Dolomite & Chert				
5296	5970	674	Dolomite & shale				
5970	Total Depth						

OIL CONSERVATION COMMISSION			
ARTESIA DISTRICT OFFICE			
No. Copies Received		6	
DISTRIBUTION			
		NO. FURNISHED	
OPERATOR			
SANTA FE			
PRORATION OFFICE			
STATE LAND OFFICE			
U. S. G. S.			
TRANSPORTER			
FILE			
BUREAU OF MINES			

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 27, 1961

Company or Operator Martin Yates, III

Address 323 Carper Bldg., Artesia, N.Mex.

Name R.W. Landenberg, Jr.

Title Geologist