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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

John A. Yates

(Company or Operator)

Gulf-State

(Lease)

Well No. 1, in NW 1/4 of NE 1/4, of Sec. 8, T. 19 S., R. 28 E., NMPM.

Artesia-Undesignated Pool, Eddy County.

Well is 330 feet from North line and 2310 feet from East line

of Section 8. If State Land the Oil and Gas Lease No. is E 1051-4

Drilling Commenced May 29, 1959 Drilling was Completed June 30, 1959

Name of Drilling Contractor Harvey E. Yates

Address 320 Carper Building, Artesia, New Mexico.

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

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OIL SANDS OR ZONES

No. 1, from 1894 to 1897 No. 4, from to

No. 2, from 1942 to 1947 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"		Used	465				Surface string.
4 1/2"		New	2051			1894-97 & 1942-1947	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
	8 5/8"	465	100	Halliburton		
	4 1/2"	2051	75	Halliburton		

RECORD OF PRODUCTION AND STIMULATION

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

Perforated 4 1/2" casing at 1894 to 1897 and 1942 to 1947. Fractured well, using 500 gallons of 18% acid, 500# Ademite, 600 barrels oil and 80,000# sand. Natural test, 8 gallons oil in 24 hours.

Result of Production Stimulation After recovering load oil, well produced 20 barrels oil in 24 hours.

Depth Cleaned Out

# RD OF DRILL-STEM AND SPECIAL TEST

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 2103 feet, and from feet to feet.

## PRODUCTION

Put to Producing July 25, 1959.  
OIL WELL: The production during the first 24 hours was 20 barrels of liquid of which 100% was oil; % was emulsion; % water; and % was sediment. A.P.I. Gravity.  
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	T. Silurian	T. Kirtland-Fruitland	
B. Salt	T. Montoya	T. Farmington	
T. Yates	T. Simpson	T. Pictured Cliffs	
T. 7 Rivers	T. McKee	T. Menefee	
T. Queen 1510	T. Ellenburger	T. Point Lookout	
T. Grayburg 1860	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	20	20	Caliche	1751	1770	19	Hard sand.
20	70	50	Red bed	1770	1820	50	Anhydrite & lime
70	170	100	Shale & sand	1820	1950	130	Lime
170	230	60	Shale	1950	1959	9	Sandy Lime
230	250	20	Anhydrite	1959	1965	6	Sand
250	260	10	Shale	1965	2103	138m	Lime
260	285	25	Anhydrite	2103	Total Depth		
285	315	30	Shale	<div>OIL CONSERVATION COMMISSION ARTESIA DISTRICT OFFICE No. Coring Record 6 STATE LAND 2 FILE BUREAU OF</div>			
315	375	60	Anhydrite				
375	400	25	Sand				
400	528	128	Anhydrite				
528	565	37	Lime				
565	572	7	Red Rock				
572	642	70	Anhydrite				
642	650	8	Sand				
650	995	345	Anhydrite				
995	1214	219	Anhydrite & Lime				
1214	1279	65	Gray Lime				
1279	1294	15	Anhydrite				
1294	1513	219	Anhydrite & lime				
1513	1545	32	Red Sand				
1545	1751	206	Anhydrite & lime				

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.

August 17, 1959 (Date)  
Company or Operator John A. Yates Address 323 Carper Bldg., Artesia, N. Mex.  
Name Nela Gardner Position or Title Bookkeeper