



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.

AREA 640 ACRES
LOCATE WELL CORRECTLY

S. P. YATES (Company or Operator) **GULF STATE** (Lease)

Well No. **1**, in **NW** 1/4 of **NW** 1/4, of Sec. **26**, T. **18S**, R. **28E**, NMPM.

Artesia Pool, **Eddy** County.

Well is **330** feet from **NORTH** line and **330** feet from **WEST** line of Section **26**. If State Land the Oil and Gas Lease No. is **E-518**.

Drilling Commenced **6-17**, 19 **54**. Drilling was Completed **10-11**, 19 **54**.

Name of Drilling Contractor **Own tools**

Address

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

OIL SANDS OR ZONES

No. 1, from **2830** to **2852** No. 4, from to

No. 2, from **2865** to **2875** 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 **2228** to **2245** feet. **1-1/2 barrels per hr.**

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"	247	New	638'	Guide			Surface
5-1/2"	147	New	2797'	Guide			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
10-3/4	8-5/8	628	75	Denton		
8"	5-1/2	2797	125	Denton		

RECORD OF PRODUCTION AND STIMULATION

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

Open hole from 2797' to 2890' was treated with 10,000 gallons of oil and 160000 of sand. After treatment hole made approximately 35 bbls. of fluid per hr. of which about 10% was oil and 90% water. Hole was plugged to 2854', and made approximately 11 BOPD with about 45 bbls. of water. Interval between 2830' and 2854' was shot with 20 qts. Nitro without satisfactory results. Hole was then cleaned out to 2875'.

Result of Production Stimulation

Depth Cleaned Out

WORD OF DRILL-STEM AND SPECIAL 'S

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

PRODUCTION

Put to Producing....., 1954

OIL WELL: The production during the first 24 hours was..... barrels of liquid of which.....% 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..... 1750'	T. Ellenburger.....	T. Point Lookout.....
T. Grayburg.....	T. Gr. Wash.....	T. Mancos.....
T. San Andres..... 2590'	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. <i>B. of Mines</i>	T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	15		Caliche	1925	1955		anhy.
15	90		Red rock	1955	2000		anhy., sand
90	245		" "	2000	2076		anhy.
245	310		Weathered lime	2076	2085		gray lime
310	395		Red shale, gyp. anhy.	2085	2095		broken lime, anhy.
395	440		Red bed, gyp. anhy.	2095	2100		anhy.
440	560		Salt, anhy. red rock.	2100	2115		pink lime
560	620		salt	2115	2134		gray lime
620	630		anhy.	2134	2230		lime
630	645		calcite	2230	2245		sandy lime
645	857		anhy.	2245	2278		white lime
857	870		Sand - Yates	2278	2373		lime
870	1425		anhy.	2373	2376		red break
1425	1459		anhy. & lime	2376	2457		lime
1459	1750		anhy.	2457	2465		light lime
1750	1780		sand, anhy. top of red sand 1760'	2465	2470		brown lime
1780	1850		anhy. Base of red sand at 1790'	2470	2477		pink lime
1850	1870		anhy., shells	2477	2495		brown lime
1870	1925		anhy., gray lime	2495	2512		pink sandy lime
				2512	2522		pink lime, broken
				2522	2550		lime, broken
				2550	2657		lime (cont. on 2nd page)

(SEE CONTINUATION PAGE) 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.

October 12, 1954 (Date)

Company or Operator..... **S. P. YATES** Address..... **369 Carper Bldg., Artesia, N. Mex.**
 Name..... Position or Title..... **Operator**

S. P. Yates, Gulf State
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FROM	TO	FORMATION
2657	2679	Dark lime
2679	2745	Black lime
2745	2760	light lime
2760	2776	gray lime
2776	2808	Dark lime
2808	2826	gray lime
2826	2890	lime T. D.

Plugged back to 2875' (T.D.)