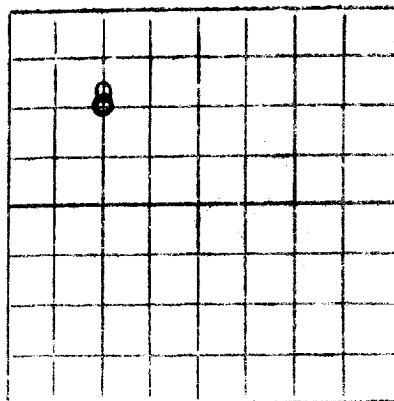


NEW MEXICO OIL CONSERVATION COMMISSION

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 QUINTUPPLICATE. If State Land submit 6 Copies



AREA 640 ACRES
LOCATE WELL CORRECTLY

Signal Oil and Gas Company

Gulf-State

(Company or Operator)

(Lease)

Well No. 1, in NW 1/4 of NW 1/4, of Sec. 4, T. 16-S, R. 38-E, NMPM.

Undesignated

Pool,

Lea

County.

Well is 660 feet from North line and 660 feet from East line

of Section 4. If State Land the Oil and Gas Lease No. is E-387

Drilling Commenced June 10, 1955. Drilling was Completed November 15, 1955

Name of Drilling Contractor Helmrich and Payne, Inc.

Address Tulsa, Oklahoma

Elevation above sea level at Top of Tubing Head 3749 feet. The information given is to be kept confidential until 90 days, 1955

OIL SANDS OR ZONES

No. 1, from 13034 to 13254

No. 2, from to

No. 3, from to

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from none 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
13 3/8"	48#	New	352	Tex. Pat.	None	-	Surface Csg.
9 5/8"	36#, 40#	New	5000	Float	None	*	Protection String
5 1/2"	17# 20# 23#	New	13,253	Float	None	13,110'-13160'	Oil String

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
16"	13 3/8"	352	300	Pump displ.	9.0#/gal.	51
12 1/4"	9 5/8"	5000	1800	" "	10.8#/gal.	349
8 3/4"	5 1/2"	12,253'	1300	" "	9.6#/gal.	*

* 300 Bbls. behind 400 sx at shoe; 275 bbls. behind 900 sx thru DV collar at

RECORD OF PRODUCTION AND STIMULATION

11803'

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

Treated perfs 13110'-13160' with 500 gals mud acid.

Result of Production Stimulation Well flowed

Depth Cleaned Out 13,238'

WELL LOG 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 352' feet to 13,254' feet, and from feet to feet.
Cable tools were used from Surface feet to 352 feet, and from feet to feet.

PRODUCTION

Put to Producing November 22, 1955
OIL WELL: (Based on 4 hr test) The production during the first 24 hours was 390 barrels of liquid of which 99.8% was oil; % was emulsion; % water; and 0.2% was sediment. A.P.I. Gravity 46.8
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 2170	T. Devonian 13,034'	T. Ojo Alamo
T. Salt 2296	T. Silurian	T. Kirtland-Fruitland
B. Salt 3082	T. Montoya	T. Farmington
T. Yates 3197	T. Simpson	T. Pictured Cliffs
T. 7 Rivers	T. McKee	T. Menefee
T. Queen 4055	T. Ellenburger	T. Point Lookout
T. Grayburg 4640	T. Gr. Wash	T. Mancos
T. San Andres 4956	T. Granite	T. Dakota
T. Glorieta 6490	T.	T. Morrison
T. Drinkard	T.	T. Penn
T. Tubbs 7696	T.	T.
T. Abo 8410	T.	T.
T. Penn 10620	T.	T.
T. Miss 11600	T.	T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	2170	2170	Sand and Red beds				
2170	2296	126	Anhydrite				
2296	3082	786	Salt				
3082	3197	115	Anhydrite				
3197	4055	858	Yates				
4055	4640	585	Queen				
4640	4956	316	Grayburg				
4956	6490	1534	San Andres				
6490	7696	1206	Glorieta				
7696	8410	714	Tubbs				
8410	10620	2210	Abo and Wolfcamp				
10620	11600	980	Pennsylvanian				
11600	13034	2434	Mississippian				
13034	13254	250	Devonian				

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.

Company or Operator Signal Oil and Gas Co., Address 1010 Fort Worth National Bank Bldg., Fort Worth, Texas
Name [Signature] Position or Title Chief Division Engineer