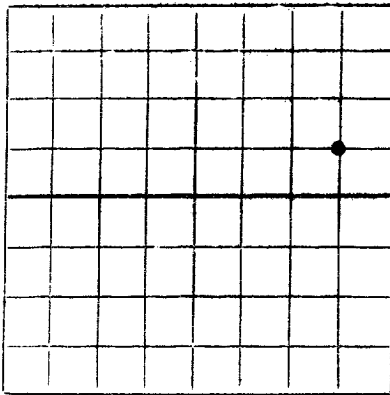


AREA 640 ACRES
LOCATE WELL CORRECTLY

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 QUINTUPPLICATE.

SIGNAL OIL AND GAS CO., ET AL

(Company or Operator)

TEKELL-STATE

(Lease)

Well No. 1, in SE $\frac{1}{4}$ of NE $\frac{1}{4}$, of Sec. 5, T. 16-S, R. 38-E, NMPM.

South Denton-Devonian

Pool, Lea County.Well is 2405.7 feet from North line and 660 feet from East lineof Section 5. If State Land the Oil and Gas Lease No. is E-437Drilling Commenced July 9, 1955 Drilling was Completed March 14, 1956Name of Drilling Contractor Helmerich & Payne, Inc.Address First National Bldg., Tulsa, OklahomaElevation above sea level at Top of Tubing Head 3753'
90 days The information given is to be kept confidential until

OIL SANDS OR ZONES

No. 1, from 13,076 to 13,320 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 13,320 to 13,370 feet. Recovered 2400' water on DST

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	355'	Tex.Pat.	none	-	Surface cng.
9-5/8"	36# & 40#	new	5000'	Float	none	-	Protection string
5-1/2"	17#, 20#, 23#	new	13370'	Float	none	13142-13204	Oil 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
16"	13-3/8"	355	600	Pump displ.	9.2#/gal.	
12 1/2"	9-5/8"	5000	2000	" "	8.4#/gal.	
8-3/4"	5-1/2"	13370	1700	" "	9.0#/gal.	*
* 296 bbls. behind 500 sax at shoe; 264 bbls. behind 1200 sax thru D.V.Collar at 11,788'						

RECORD OF PRODUCTION AND STIMULATION

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

Treated perforations 13142- 13204 with 500 gals. mud acid and 2,000 gallons regular acid.

Result of Production Stimulation Well flowedDepth Cleaned Out 13,298'

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 257 feet to 13370 feet, and from - feet to - feet.
Cable tools were used from surface feet to 357 feet, and from - feet to - feet.

PRODUCTION

Put to Producing March 23, 1956

OIL WELL: The production during the first 24 hours was 383 barrels of liquid of which 90 was oil; 0 % was emulsion; 0 % water; and 10 % was sediment. A.P.I. Gravity 48.0

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. 2160
T. Salt. 2287
B. Salt. 3090
T. Yates. 3208
T. 7 Rivers. -
T. Queen. 4063
T. Grayburg. 4658
T. San Andres. 4946
T. Glorieta. 6497
T. Drinkard. -
T. Tubbs. 7699
T. Abo. 8420
T. Penn. 10675
T. Miss. 11644

Northwestern New Mexico

T. Devonian. 13076
T. Silurian. -
T. Montoya. -
T. Simpson. -
T. McKee. -
T. Ellenburger. -
T. Gr. Wash. -
T. Granite. -
T. -
T. -
T. -
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T. -
T. -
T. -
T. -
T. -

T. Ojo Alamo. -
T. Kirtland-Fruitland. -
T. Farmington. -
T. Pictured Cliffs. -
T. Menefee. -
T. Point Lookout. -
T. Mancos. -
T. Dakota. -
T. Morrison. -
T. Penn. -
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FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	2160	2160	Sand & red beds	10675	11644	969	Pennsylvanian
2160	2287	127	Anhydrite	11644	13076	1432	Mississippian
2287	3090	803	Salt	13076	13370	294	Devonian
3090	3208	118	Anhydrite				
3208	4063	855	Yates				
4063	4658	595	Queen				
4658	4946	288	Grayburg				
4946	6497	1551	San Andres				
6497	7699	1202	Glorieta				
7699	8420	721	Tubb				
8420	10675	2255	Abo				

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.

Fort Worth, Texas

March 26, 1956

Company or Operator Signal Oil and Gas Co.

Address 1010 Ft. Worth Nat. Bank Bldg.

Name R. C. Vlack

Position or Title Chief Division Engineer