

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

AREA 640 ACRES
LOCATE WELL CORRECTLY

Signal Oil and Gas Company et al
(Company or Operator)

Tekell-Staté
(Lease)

Well No. 2, in NE 1/4 of NE 1/4, of Sec 5, T. 16-S, R. 38-E, NMPM.

South Denton Devonian Pool, Lea County.

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

of Section 5. If State Land the Oil and Gas Lease No. is E-437

Drilling Commenced March 27, 1956 Drilling was Completed July 13, 1956

Name of Drilling Contractor Helmerich and Payne, Inc.

Address First National Building, Tulsa, Oklahoma

Elevation above sea level at Top of Tubing Head 3752' The information given is to be kept confidential until 90 days, 19

OIL SANDS OR ZONES

No. 1, from 12,898' to 13,200' 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
13-3/8"	48#	New	314'	Tex. Pat.	None		Surface casing
9-5/8"	36# & 40#	"	4995'	Float	"		Protection string
7"	32#, 29# & 26#	"	13,074'	float	"		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
17"	13-3/8"	314'	300	Pump displ.	9.2#/gal	
12-1/4"	9-5/8"	4995'	2000	" "	8.6#/gal	
8-3/4"	7"	13,074'	1000	" "	8.6#/gal	*
*482 bbls behind 150 sax of shoe; 464 bbls. behind 850 sax thru D.V. collar at 12,463'.						

RECORD OF PRODUCTION AND STIMULATION

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

None

(Natural completion)

Result of Production Stimulation

Depth Cleaned Out 13,200'

1 **ORD 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 Surface feet to 12,450 feet, and from _____ feet to _____ feet.
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

PRODUCTION

Put to Producing July 17, 1956

OIL WELL: The production during the first 24 hours was 987 barrels of liquid of which 73.3 % was
was oil; _____ % was emulsion; 26.7 % water; and mud _____ % was sediment. A.P.I.
Gravity 49.8

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.....	2165	T. Devonian.....	12,698	T. Ojo Alamo.....
T. Salt.....	2240	T. Silurian.....		T. Kirtland-Fruitland.....
B. Salt.....	3085	T. Montoya.....		T. Farmington.....
T. Yates.....	3200	T. Simpson.....		T. Pictured Cliffs.....
T. 7 Rivers.....	Undifferentiated	T. McKee.....		T. Menefee.....
T. Queen.....	*	T. Ellenburger.....		T. Point Lookout.....
T. Grayburg.....	4638	T. Gr. Wash.....		T. Mancos.....
T. San Andres.....	4953	T. Granite.....		T. Dakota.....
T. Glorieta.....	6478	T.		T. Morrison.....
T. Clearfork 7008		T.		T. Penn.....
T. Tubbs.....	7663	T.		T.
T. Abo.....	8385	T.		T.
T. Wolfcamp 9570		T.		T.
T. Penn 10,632		T.		T.
T. Miss.....	12,050	T.		T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	2165	2165	Sand and redded				
2165	2240	75	Anhydrite				
2240	3085	845	Salt				
3085	3200	115	Anhydrite				
3200	4638	1438	Yates				
4638	4953	325	Grayburg				
4953	6478	1525	San Andreas				
6478	7008	530	Glorieta				
7008	7663	655	Clearfork				
7663	8385	722	Tubbs				
8385	9570	1185	Abo				
9570	10632	1062	Wolfcamp				
10632	12050	1418	Pennsylvanian				
12050	12898	848	Mississippian				
12898	13202	302	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.

Fort Worth, Texas 7-20-56
(Date)

Company or Operator Signal Oil and Gas Company Address 1010 Fort Worth Natl Bank Building
Name R. C. Fland Position or Title Chief Division Engineer