

## NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

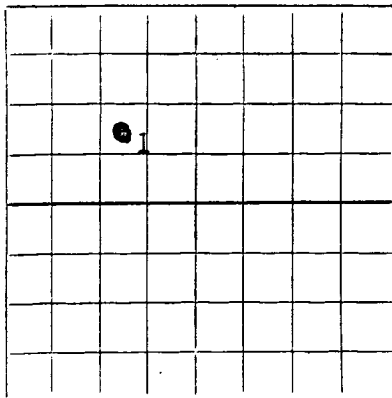
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DEC 9 1968

## WELL RECORD

O. C. C.  
ARTESIA, OFFICE

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

SOHIO PETROLEUM COMPANY

(Company or Operator)

State 1-19 Com.

(Lease)

Well No. 1, in SE 1/4 of NW 1/4, of Sec. 19, T. 20-S, R. 27-E, NMPM.

McMillan (Morrow) Gas Pool, Eddy County.

Well is 1650 feet from North line and 1650 feet from West line

of Section 19. If State Land the Oil and Gas Lease No. is K-851 and L-355 (Communitized)

Drilling Commenced August 21, 1968. Drilling was Completed October 15, 1968.

Name of Drilling Contractor Cactus Drilling Corporation

Address Box 71, San Angelo, Texas 76901

Elevation above sea level at top of hole 3305. The information given is to be kept confidential until

Not confidential, 1968.

## OIL SANDS OR ZONES

No. 1, from 3324 to 3348 Show. No. 4, from 10,282 to 10,405 Gas

No. 2, from 7896 to 7920 No. 5, from to

No. 3, from 7930 to 7990 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 Unknown 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	48.0	New	404.69	Halliburton Guide	-	-	Surface Casing
8-5/8	32 & 24	New	2777.58	Guide Shoe - Float	Collar	-	Protect Water Zone
4-1/2	11.6	New	10,456	Automatic Fill	-	-	Production String
						See Below	

## MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17-1/2	13-3/8	424	500 Reg.	Pump & Plug	Water	Circulated cement
12-1/4	8-5/8	2752	600 Incor 4% Gel	Pump & Plug	Water & Air	Circulated cement
			650 sx w/CC	Down 1" w/ pump	in 9 stages	
7-7/8	4-1/2	10472	750			

## RECORD OF PRODUCTION AND STIMULATION

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

Perf 4-1/2, 11.6#; N-80 csg. w/ 1 shot/ft. @ 10,312; 10,327; 10,344; 10,348; 10,364;

10,365; 10,379; 10,381; 10,396; 10,400; &amp; 10,405. Sandfraced w/60,000 gals. Mod Brine,

38,800# 20/40 Sand &amp; 8800# of 12/20 Glass Beads.

Result of Production Stimulation AOF 3,200 MCF/Day on 12-3-68; Flow rate on 11/64" ck, TP 2125,

was 1,650 MCF/Day/

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 0 feet to 10,520 feet, and from feet to feet.  
Cable tools were used from feet to feet, and from feet to feet.

## PRODUCTION

Put to Producing November 29, 19 68 after recovery of load & cleaning up.

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

GAS WELL: The production during the first 24 hours was 1189 M.C.F. plus 12 barrels of  
liquid Hydrocarbon. Shut in Pressure 3000 lbs. Surface 3944 BHP @ 10,364

Length of Time Shut in 72 hours

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	T. Ellenburger	T. Point Lookout
T. Grayburg	T. Gr. Wash	T. Mancos
T. San Andres	T. Granite	T. Dakota
T. Glorieta	T. Atoka 9720	T. Morrison
T. Drinkard	T. 1st Morrow 10,230	T. Penn
T. Wolfcamp Sand 7400	T. 2nd Morrow 10,275	T.
T. Wolfcamp Lime 7870	T. Barnett 10,506	T.
T. Penn Cisco 8210	T.	T.
T. Miss Penn Upper Strawn 8960	T.	T.

## FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	95	95	Caliche	9072	9297	225	Lime
95	340	245	Lime	9297	9447	150	Lime and Shale
340	378	38	Lime and Flint	9447	9469	22	Lime
378	3805	3427	Lime	9469	9769	300	Lime and Shale
3805	4423	618	Lime and Dolomite	9769	9954	185	Lime, Shale, Chert
4423	4885	462	Lime	9954	9993	39	Lime and Shale
4885	5257	372	Lime and Shale	9993	10069	76	Lime and Chert
5257	5376	119	Lime	10069	10103	134	Lime, Chert, Shale
5376	5930	554	Lime and Shale	10103	10169	66	Lime and Chert
5930	6082	152	Lime	10169	10191	22	Lime, Shale, Chert
6082	6380	298	Lime and Shale	10191	10313	122	Lime, Chert, Shale, Sand
6380	7620	1240	Lime	10313	10367	54	Sand, Lime
7620	7669	49	Lime and Shale	10367	10410	43	Lime, Shale
7669	8087	418	Lime	10410	10495	85	Lime, Shale, Sand
8087	8272	185	Lime and Shale	10495	10520	25	Lime and Shale
8272	8412	140	Lime				
8412	8416	4	Lime and Shale				
8416	9308	622	Lime				
9308	9072	34	Lime and Shale				

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 Sohio Petroleum Company

Address P. O. Box 3167 Midland, Texas 79701

Name A. K. HOOD

Position or Title District Superintendent

December 5, 1968

(Date)