

Santa Fe, New Mexico

RECEIVED

22 1960

WELL RECORD

U.S. DEPT. OF JUSTICE

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**

Sinclair Oil & Gas Company

(Company or Operator)

M. Yates "E" ARC

(Lease)

Well No. 11 in NE $\frac{1}{4}$ of NE $\frac{1}{4}$, of Sec. 33, T. 17S, R. 24E, NMPM.

Exhibit A-2

Pool,

Endy

County.

Well is 990 feet from North line and 660 feet from East line.

of Section 33 If State Land the Oil and Gas Lease No. is 647

Drilling Commenced.....**June 10**....., 19**60**..... Drilling was Completed.....**July 2**....., 19**60**.....

Name of Drilling Contractor.....**Marlo Drilling Company**.....

Address.....1726 Woodridge, Abilene, Texas.....

Elevation above sea level at Top of Tubing Head.....**3678**..... The information given is to be kept confidential until

....., 19.....

OIL SANDS OR ZONES

No. 1, from 5860 to 6136 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
8-5/8	22.7	NEW	1000				Surface Csg.
4-1/2	9.5 & 11.6	NEW	6170			6053-6087	Production Csg.
2-3/8	4.7	NEW	6019				Tubing

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
11"	8-5/8	1000	550	Halliburton		
7-7/8"	4-1/2	6170	1000	Halliburton		

RECORD OF PRODUCTION AND STIMULATION

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

Treated perforations 6053-69 & 6074-87 with 3000 gallons 15% LST acid

Result of Production Stimulation: Flowed 63 bbls. new 42.8 gravity oil & no water in 7 hours

through 12/64" choke. GOR 1340 to 1

Depth Cleaned Out.....

Orig & 5 cc: OCC, cc: State Land Office, cc: HFD, JM, File

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 Surface feet to 6170 feet, and from _____ feet to _____ feet.
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

PRODUCTION

Put to Producing July 4, 1960

OIL WELL: The production during the first 24 hours was 216 barrels of liquid of which 100 % was
was oil; 0 % was emulsion; 0 % water; and 0 % was sediment. A.P.I.
Gravity 42.8

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.....	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.	T. Morrison.....
T. Drinkard.....	T.	T. Penn.....
T. Tubbs.....	T.	T.
T. Abo..... <u>5868</u>	T.	T.
T. Penn.....	T.	T.
T. Miss.....	T.	T.
B. Abo <u>6136</u>		

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	600	600	Anhydrite & Redbed	Deviation Surveys			
600	975	375	Anhydrite, Lime & Gyp	1	0	600	
975	2188	1213	Anhydrite & Gyp	1	0	1000	
2188	2951	763	Dolomite & Sand	1	0	2040	
2951	6170	3219	Dolomite	1 3/4	0	2750	
6170			Total Depth	2	0	3500	
OIL CONSERVATION COMMISSION				2 3/4	0	4010	
ARTESIA DISTRICT OFFICE				2 1/2	0	4450	
No. Copies Received	10			1 1/2	0	5070	
DISTRIBUTION				2 1/2	0	5500	
				1	0	6052	
OPERATOR		NO. FURNISHED					
SANTA FE		8					
OPERATOR OFFICE		1					
STATE LAND OFFICE		1					
U.S.G.S.		2					
TRANSPORTER							
FILE							
BUREAU OF MINES		1					
		1					

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.

July 13, 1960 (Date)

Company or Operator Sinclair Oil & Gas Company

Address 520 East Broadway, Hobbs, New Mexico

Name W. L. ...

Post Title Dist. Supt.