

Santa Fe, New Mexico

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AUG 25 1960

WELL RECORD

O. C. C.

RTESIA, DE 1964

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 "B" (ABC)
(Lose)

Well No. 13 in NE 1/4 of NW 1/4, of Sec. 33, T. 17S, R. 28E, NMPM.

Empire 100

Pool

Eddy

County.

Well is 999 feet from North line and 1980 feet from West line

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

Drilling Commenced June 29, 1960 Drilling was Completed July 21, 1960

Name of Drilling Contractor..... **Gastus Drilling Corporation**.....

Address..... **Box 32, Midland, Texas**.....

Elevation above sea level at Top of Tubing Head.....**3664**..... The information given is to be kept confidential until
..... 19.....

OIL SANDS OR ZONES

No. 1, from 5807 to 5916 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
2-5/8	22.7	NEW	1600				Surface casing
4-1/2	9.5 & 11.6	NEW	5930			5840-5872	Production casing
2-3/8	4.7	NEW	5803				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"	4-3/4	5930	1800	Halliburton		

RECORD OF PRODUCTION AND STIMULATION

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

Treated perforations w/3000 gallons 1ST Acid.....

Result of Production Stimulation. Flowed 61 bbls. new 41.4 gravity in 6 hours through 16/64" choke.

tubing pressure 625, casing press. - packer, GOR 1470 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 5930 feet, and from _____ feet to _____ feet.
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

PRODUCTION

Put to Producing July 24, 1960

OIL WELL: The production during the first 24 hours was 242 barrels of liquid of which 100 % was
was oil; 0 % was emulsion; 0 % water; and 0 % was sediment. A.P.I.
Gravity 41.4

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>5807</u>	T.	T.
T. Penn.....	T.	T.
T. Miss.....	T.	T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1000	1000	Redbed				<u>DEVIATION SURVEYS</u>
1000	2072	1072	Anhydrite & Lime				
2072	4225	2153	Dolomite				
4225	5679	1454	Dolomite & Chert				
5679	5930	251	Dolomite				
5930	Total	Depth					
							1 1/2 600
							1 1/2 1000
							1 1/2 1690
							3/4 2100
							1 1/2 2840
							1 1/2 3625
							1 1/2 4275
							1 1/2 4735
							1 1/2 5075
							1 1/2 5453
							1 1/2 5796
OIL CONSERVATION COMMISSION ARTESIA DISTRICT OFFICE							
BUREAU OF MINES							

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 Sinclair Oil & Gas Company Address 520 East Broadway, Hobbs, New Mexico
Name [Signature] Position Dist. Supt. Date August 15, 1960