



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 QUINTUPLICATE. If State Land submit 6 Copies

Sinclair Oil & Gas Company
(Company or Operator)

State Land 381
(Lease)

Well No. **1**, in **SE** $\frac{1}{4}$ of **SE** $\frac{1}{4}$ of Sec. **19**, T. **16N**, R. **24E**, NMPM.

Undesignated Pool, **Lea** County.

Well is **640** feet from **South** line and **640** feet from **East** line

of Section **19**. If State Land the Oil and Gas Lease No. is **2-244**

Drilling Commenced **12:00PM** **3-15**, 19**57** Drilling was Completed **5-28**, 19**57**

Name of Drilling Contractor **A.M. Thompson, Inc.**

Address **105 Wilkinson-Foster Bldg. Midland, Texas**

Elevation above sea level at Top of Tubing Head **4136** The information given is to be kept confidential until
_____, 19____.

OIL SANDS OR ZONES

No. 1, from **10566** to **11402** 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	35.6	NEW	132				Surface
9-5/8	35 & 40	NEW	4500	Floob			Intermediate
5-1/2	17	NEW	11425	Floob		10657 - 10649	Production
2-3/8	6.7	NEW	10643				Tubing

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17-1/2	13-3/8	135	350	Halliburton		
12-1/4	9-5/8	4530	2400	Halliburton		
8-3/4	5-1/2	11425	600	Halliburton		

RECORD OF PRODUCTION AND STIMULATION

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

None

Result of Production Stimulation **No Treatment - Scrubbed well and it started flowing and flowed 130 bbls
new oil thru an 11/16" choke in 24 hrs. GOR 990.**

Orig & Sec: **000**
cc: State Land Office
PRB, NFB, File

Depth Cleaned Out _____

ORD OF DRILL-STEM AND SPECIAL TES

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 11425 feet, and from _____ feet to _____ feet.
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

PRODUCTION

Put to Producing June 28, 1957
 OIL WELL: The production during the first 24 hours was 330 barrels of liquid of which 100 % was
 was oil; _____ % was emulsion; _____ % water; and _____ % was sediment. A.P.I.
 Gravity 41.5
 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	<u>1500</u>	T. Devonian	
T. Salt	<u>1615</u>	T. Silurian	
B. Salt		T. Montoya	
T. Yates	<u>2775</u>	T. Simpson	
T. 7 Rivers	<u>3042</u>	T. McKee	
T. Queen	<u>3690</u>	T. Ellenburger	
T. Grayburg		T. Gr. Wash	
T. San Andres	<u>4102</u>	T. Granite	
T. Glorieta	<u>5947</u>	T.	
T. Drinkard		T.	
T. Tubbs	<u>7140</u>	T.	
T. Abo	<u>7945</u>	T.	
T. Penn	<u>10873</u>	T.	
T. Miss		T.	

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	190	190	Sand & Saliche				
190	1345	1175	Redbed				
1345	2040	675	Redbed & Anhydrite				
2040	2272	232	Anhydrite				
2272	2800	568	Anhydrite & Salt				
2800	4331	1511	Anhydrite				
4331	4398	67	Anhydrite & lime				
4398	10054	5050	Lime				
10054	10424	168	Lime & Shale				
10424	10742	318	Lime				
10742	10831	89	Lime & Chert				
10831	11046	215	Lime				
11046	11286	240	Lime & Shale				
11286	11425	139	Lime				
11425	Total Depth						
11402	Total Plug Back Depth						

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 E. Broadway, Hobbs, New Mexico
 Name G.C. Salter Position or Title District Superintendent

Sinclair Oil & Gas Company

State Lea 381 Lease, Well No. 1

660' from the South and East lines of Section 19-16S-34E, Lea County, New Mexico

Drill Stem Test:

3-27-57	3950'-4000'	5/8" bottom & 1" top chokes. No water blanket. Open 1 hour. Weak blow and died in 57 mins. Recovered 390' slightly gas out drilling mud. IFP 300, FFP 315, 30 min SIP 355.
5-1-57	10100'-10142'	Packer failure.
5-2-57	10075'-10142'	5/8" bottom & 1" top chokes. No water blanket. Open 30 mins. Opened w/weak blow & died in 9 mins. Recovered 5 ft. drilling mud. IFP 5065, FFP 565, 30 min SIP 705.
5-3-57	10165'-10194'	5/8" bottom & 1" top chokes. 1000' water blanket. Open 1 hour and 30 mins. Opened w/good blow and increased to strong blow in 29 mins, continuing thruout test. Gas to surface in 47 mins. Recovered 1000' water blanket, 1010' mud (oil out), 720' salt water. IFP 665, FFP 1255, 30 min SIP 2770.
5-23-57	11286'-11361'	5/8" bottom & 1" top chokes. 1800' water blanket. Open 30 mins. Opened w/weak blow and died in 10 mins. Recovered 1800' water blanket and 10' drilling mud. IFP 800, FFP 800, 30 min SIP 865.

Cores:

5-9-57	10650'-10682'	Cored 32', recovered 27' of gray limestone w/good vuggy and fractured porosity, good odor, stain and show of oil.
5-10-57	10682'-10701'	Cored 19', recovered 13' of gray limestone, slightly shaley, w/good vuggy and fractured porosity, good odor, stain and show of oil.
5-13-57	10718-10750'	Cored 32', recovered 31' of brown dense crystalline limestone, slightly porous and slight show of oil.

Deviation Surveys:

1/4° 1250; 1° 2250; 1/4° 3207; 1-1/2° 3683; 3/4° 4250; 1/2° 4520; 1-1/2° 5440;
1-3/4° 6543; 1-1/2° 7428; 1° 7849; 1/4° 8883; 1-1/2° 9285; 1° 9945; 1-1/2° 10424;
1-1/4° 10764; 2° 10847; 1-1/2° 11046; 2° 11193; 1-3/4° 11286;

