(Revised 7/1/52)
(Form C-105)

N.

cc: PAD
cc: WHC
EOC
JTR
F

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.

Sinclair Oil & Gas Company (Company or Operator) State #182 "A" (Lease)

Well No. 4, in NE ¼ of SW ¼, of Sec. 31, T. 16 S, R. 37 E, NMPM.

Lovington Abo Pool, Lea County.

Well is 1650 feet from South line and 2289.54 feet from West line of Section 31-16-37. If State Land the Oil and Gas Lease No. is 182

Drilling Commenced May 23, 1952 Drilling was Completed July 25, 1952

Name of Drilling Contractor Herman Graham Drilling Company

Address Box 176 Salem, Ill.

Elevation above sea level at Top of Tubing Head 3813. The information given is to be kept confidential until ...., 19.....

OIL SANDS OR ZONES

No. 1, from 8212 to 8460 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	26	N	295				
9 5/8	36	N	3358				
7	23	N	7447				
7	26	N	1011				
2½ UE	6.75	SH	8437				

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
16	13 3/8	299	300	Halliburton		
12	9 5/8	3360	1200	do		
8	7	8460	404	do		

RECORD OF PRODUCTION AND STIMULATION

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

Acidized W/1,000 gallons, and 3,000 gallons of N-15 acid by Dowell Chemical Co. thru perforations 8400 to 8430

8430

Result of Production Stimulation Flowed 535 Bbl. oil in 24 hours

Depth Cleaned Out 8440

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 8460 feet, and from ..... feet to ..... feet.

Cable tools were used from None feet to ..... feet, and from ..... feet to ..... feet.

PRODUCTION

Put to Producing August 1, 19 52

OIL WELL: The production during the first 24 hours was 535 barrels of liquid of which 100 % was was oil; ..... % was emulsion; ..... % water; and ..... % was sediment. A.P.I. Gravity 39

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	2115	T. Silurian		T. Kirtland-Fruitland	
B. Salt	3635	T. Montoya		T. Farmington	
T. Yates	3192	T. Simpson		T. Pictured Cliffs	
T. 7 Rivers	3310	T. McKee		T. Menefee	
T. Queen		T. Ellenburger		T. Point Lookout	
T. Grayburg		T. Gr. Wash		T. Mancos	
T. San Andres	4615	T. Granite		T. Dakota	
T. Glorieta	5970	T.		T. Morrison	
T. Drinkard	6762	T.		T. Penn	
T. Tubbs	7574	T.		T.	
T. Abo	8212	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	300	300	Surface & Caliche				
300	1224	924	Redbed				
1224	1582	358	Redbed & Shell				
1582	1633	51	Redbed				
1633	1786	153	Anhydrite & Shells				
1786	1886	100	Redbed				
1886	2011	125	Anhydrite & Shell				
2011	2056	45	Sandy Shale & Anhydrite				
2056	3228	1172	Anhydrite & Salt				
3228	3418	190	Anhydrite				
3418	3635	217	Anhydrite & Salt streaks				
3635	4075	440	Anhydrite & Sand				
4075	4158	83	Anhydrite				
4158	4304	146	Anhydrite & Shell				
4304	4424	120	Lime & Shale				
4424	4470	46	Anhydrite & lime				
4470	4633	163	Lime				
4633	4836	203	Sandy lime				
4836	4929	93	Lime				
4929	4932	3	Lime & Shale				
4932	8460	3528	Lime				

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.

August 26, 1952
(Date)

Company or Operator Sinclair Oil & Gas Company Address Box 1927, Hobbs, N.M.

Name ..... Position or Title Dist. Supt.