

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD APR 24 1953

Pure Oil Co.

Mail to District Office, Oil Conservation Commission, to which Form No. 1 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

Sinclair Oil & Gas Company
(Company or Operator)

W. F. Managan
.....
(Lease)

Well No. 4, in NE $\frac{1}{4}$ of S4 $\frac{1}{4}$, of Sec. 12, T. 25 S, R. 36 E, NMPM.
Cooper-Jal Pool. Lea County.

Well is 2173 feet from South line and 2173 feet from West line
of Section 12-25-36. If State Land the Oil and Gas Lease No. is _____

Drilling Commenced 2-5-53, 19..... Drilling was Completed 3-23-53, 19.....

Name of Drilling Contractor..... **Orville Myers Drilling Company**

Address Odessa, Texas

Elevation above sea level at Top of Tubing Head.....**3179**..... The information given is to be kept confidential until
....., 19.....

OIL SANDS OR ZONES

No. 1, from 3105 to 3130 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 7/8	32-18-36	N	260	Larkin			
7	20	N	2917	"			
2 3/8 US	4.7	N	3120	"			

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
15	13 3/8	267	250	Hallibarton		
8 3/4	7	2917	500	"		
	2 3/8 UB	3120				

RECORD OF PRODUCTION AND STIMULATION

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

Stratified 1/4,000 Gallons 2967 to 3130

Result of Production Stimulation.....Flowed 80 barrels on 24 hour potential test.....

..Depth Cleaned Out.....

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special test, or deviation surveys were made, submit report on separate sheet and attach hereto

TOOLS USED

Rotary tools were used from.....feet to.....feet, and from.....feet to.....feet.
Cable tools were used from Surface feet to 3164 feet, and from.....feet to.....feet.

PRODUCTION

Put to Producing.....April 4,....., 1953

OIL WELL: The production during the first 24 hours was.....80.....barrels of liquid of which.....100.....% was
was oil;% was emulsion;% water; and.....% was sediment. A.P.I.
Gravity.....33.....

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..... <u>1200</u>	T. Silurian.....	T. Kirtland-Fruitland.....	
B. Salt..... <u>2740</u>	T. Montoya.....	T. Farmington.....	
T. Yates..... <u>2985</u>	T. Simpson.....	T. Pictured Cliffs.....	
T. 7 Rivers..... <u>3080</u>	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.....	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	40	40	Sand	1495	1545	50	Shale
40	85	45	Redbed	1545	1590	45	Anhydrite & salt
85	95	10	Sand (water)	1590	1680	90	Salt
95	115	20	Redbed	1680	1720	40	Anhydrite & salt
115	155	40	Redbed & sand	1720	2335	615	Anhydrite, shale & salt
155	180	25	Gray shale	2335	2365	30	Anhydrite
180	185	5	Redrock	2365	2660	295	Anhydrite & salt
185	225	40	Redbed	2660	2710	50	Salt & potash
225	265	40	Gray shale & sand	2710	2845	135	Anhydrite
265	267	2	Redrock	2845	2885	40	Lime (gray)
267	275	8	Redrock & sand	2885	2915	30	Shale (blue)
275	435	160	Sand (hard & sharp)	2915	2925	10	Anhydrite & blue shale
435	460	25	Redrock	2925	2930	5	Shale (blue)
460	480	20	sand	2930	2940	10	Sand (gas)
480	505	25	Shale	2940	2945	5	Shale (blue)
505	530	25	Sand (water)	2945	2965	20	Anhydrite & lime
530	620	90	Redrock	2965	2985	20	Lime & shale
620	660	40	Sand & shale	2985	3005	20	Lime
660	780	120	Redrock	3005	3065	60	Anhydrite & lime
780	945	165	Red shale	3065	3100	35	Anhydrite
945	1000	55	Redrock	3100	3120	20	Lime
1000	1060	60	Redbed	3120	3140	20	Anhydrite
1060	1090	30	Red shale	3140	3164	24	Lime
1090	1200	110	Anhydrite				
1200	1455	255	Salt				
1455	1495	40	Blue 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.

.....April 22, 1953..... (Date)
Company or Operator.....Sinclair Oil & Gas Company..... Address.....Box 1927 Hobbs, N.M......
Name.....C. C. Salter..... Position or Title.....Dist. Supt......