

Santa Fe, New Mexico

SECRET

WELL RECORD

MAY 2 1960

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)

M. Yates "B" ARC
(LHM)

Well No. 3, in SW $\frac{1}{4}$ of NW $\frac{1}{4}$, of Sec. 33, T. 17S, R. 28E, NMPM.

Undesignated (Empire Abo Ext.)

.Pool,

Eddy

County.

Well is 1980 feet from North line and 660 620 feet from West line

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

Drilling Commenced..... **Apr 11 13** 19 **60** Drilling was Completed..... **May 6** 19 **60**

Name of Drilling Contractor..... **Cactus Drilling Corporation**

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

Elevation above sea level at Top of Tubing Head..... **100 3674** The information given is to be kept confidential until
..... 19.....

No. 1, from 5800 to 6108 No. 4, from _____ to _____
 No. 2, from _____ to _____ No. 5, from _____ to _____
 No. 3, from _____ to _____ No. 6, from _____ to _____

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.

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
8-5/8	22.7	New	1003				Surface Csg
4-1/2	11.6	New	6150			6038-6073	Production Csg
2	4.7	New	6025				Tubing

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
11	8-5/8	1003	450	Halliburton		
7-7/8	4-1/2	6150	800	Halliburton		

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

Treated perforations 6038-53 & 6068-73 with 500 gallons mud acid and 3000 gallons regular acid.

Result of Production Stimulation. Flowed 82 bbls new 43.1 gravity oil thru 18/64" choke in 15 hours. GOR 1340.

..Depth Cleaned Out

Orig&5cc: OGC-Artesia; cc:State Land Office; cc:HFD, JM, File

REPORT 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 6150 feet, and from _____ feet to _____ feet.
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

PRODUCTION

Put to Producing May 11, 1960
OIL WELL: The production during the first 24 hours was 131 barrels of liquid of which 100 % was
was oil; 0 % was emulsion; 0 % water; and 0 % was sediment. A.P.I.
Gravity 43.1
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. Salt.		T. Silurian	
B. Salt.		T. Montoya	
T. Yates.	<u>378</u>	T. Simpson	
T. 7 Rivers.		T. McKee	
T. Queen.	<u>1210</u>	T. Ellenburger	
T. Grayburg.		T. Gr. Wash.	
T. San Andres.	<u>1960</u>	T. Granite	
T. Glorieta.	<u>3420</u>	T. _____	
T. Drinkard.		T. _____	
T. Tubbs.		T. _____	
T. Abo.	<u>5800</u>	T. _____	
T. Penn.		T. _____	
T. Miss.		T. _____	

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	250	250	Redbed & Sand				
250	781	531	Redbed & Anhydrite				
781	1175	394	Anhydrite				
1175	2055	880	Anhydrite & Gyp				
2055	2121	66	Line, Anhydrite & Sand				
2121	2355	234	Line				
2355	2835	480	Line & Dolomite				
2835	5615	2780	Dolomite				
5615	5948	333	Line & Chert				
5948	6150	202	Line				
6150	Total Depth						

OIL CONSERVATION COMMISSION
ARTIFICIAL LIFTING RECORD
No. _____
Date _____
Operator _____
Sinker _____
Packer _____
Sizing _____
Casing _____
Well _____
Location _____
County _____
State _____

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 Co. Address 520 E Broadway, Hobbs, N.M.
Name Fred Burns Position or Title Dist. Supt.
Date May 18, 1960