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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.

AREA 640 ACRES
LOCATE WELL CORRECTLY

Sinclair Oil & Gas Company
(Company or Operator)

Bertha J. Barber
(1890)

Well No. 14, in SE 1/4 of NE 1/4, of Sec. 7, T. 20-S, R. 37-E, NMPM.

Monument BLinebry

Pool..... **Lee**

..County.

Well is **1650** feet from **North** line and **660** feet from **East** line.

of Section 7 If State Land the Oil and Gas Lease No. is _____

Drilling Commenced **July 1, 1954**, 19..... Drilling was Completed **August 4**, 19 **54**

Name of Drilling Contractor..... **Gackle Drilling Company**

Address..... **Fort Worth, Texas**

Elevation above sea level at Top of Tubing Head.....**3554**..... The information given is to be kept confidential until
..... 19.....

No. 1, from 5156 to 5210 No. 4, from.....to.....

No. 2, from 5605 to 5685 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 None tofeet.

No. 2, fromtofeet.

No. 3, fromtofeet.

No. 4, fromtofeet.

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
13-3/8"	48	New	942	Larkin			
8-5/8"	32	New	1144)	"	On bottom		
8-5/8"	24	New	1754)	"			
5-1/2"	15.5	New	506)	"	On bottom	See below	Production perfs.
5-1/2"	14	New	5184)				

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17-1/4"	13-3/8"	945	1000	Halliburton		
11"	8-5/8"	2900	1500	"		
7-7/8"	5-1/2"	5690	400	"		

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

Production perforations in 5-1/2" OD casing:

32	- 1/2"	jet holes	5622 to 5630'
72	- 1/2"	" "	5642 to 5660'
24	- 1/2"	" "	5678 to 5684'

Acidized with 1000 gallons mud acid thru perms. as shown above; Max. Press. 3300#, Min. Pressure 1400#. Injection rate 2.3 BPM. Well started flowing after running swab 3 times. After recovering 152 bbls. load oil, flowed 615 bbls. new 10.0 corrected gravity oil in 18 hours. Potential of 816 bbls. oil in 24 Hours based on 18 hour test above.

Result of Production Stimulation

Result of Production Stimulation

...Depth Cleaned Out.....5685

WORD OF DRILL-STEM AND SPECIAL TEST

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 **5690 TD** feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing **August 9**, 19**54**

OIL WELL: The production during the first 24 hours was **816** barrels of liquid of which **100** was oil; % was emulsion; % water; and % was sediment. A.P.I. Gravity **40.0**

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. Anky	1002		T. Devonian		T. Ojo Alamo
T. Salt	1125		T. Silurian		T. Kirtland-Fruitland
B. Salt	2235		T. Montoya		T. Farmington
T. Yates	2346		T. Simpson		T. Pictured Cliffs
T. 7 Rivers	2522		T. McKee		T. Menefee
T. Queen	3068		T. Ellenburger		T. Point Lookout
T. Penrose	3195		T. Gr. Wash		T. Mancos
T. Crayburg	3380		T. Granite		T. Dakota
T. San Andres	3745		T.		T. Morrison
T. Glorieta	5062		T.		T. Penn
T. Paddock	5156		T.		T.
T. Delaney	5605		T.		T.
T. Blaine			T.		T.
T. Tubbs			T.		T.
F. 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	140	140	Surface sand & caliche				
140	496	356	Red beds & rock				
496	965	469	Red beds				
965	1115	150	Anhydrite				
1115	2235	1120	Anhydrite & salt				
2235	2593	358	Anhydrite & gyp				
2593	2710	117	Anhydrite, sand & lime				
2710	2846	136	Anhydrite & gyp				
2846	3067	221	Anhydrite & lime				
3067	5690	2623	Lime				
	5690		Total Depth drilled				
	5685		PBTD - cement left in 5-1/2" OD oil string casing at 5685'				

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.

October 19, 1954

Company or Operator **Sinclair Oil & Gas Company**

Address **Box 1927, Hobbs, New Mexico**

Name **C. C. Salter**

Position or Title **District Superintendent**