

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

AREA 640 ACRES
LOCATE WELL CORRECTLY

Sinclair Oil & Gas Company
(Company or Operator)

State Lea 373
(Lease)

Well No. 4 in NE $\frac{1}{4}$ of SE $\frac{1}{4}$ of Sec. 34, T. 19S, R. 37E, NMPM.

Eumot Pool, Lea County.

Well is 990 feet from East line and 1650 feet from South line.

of Section 34 If State Land the Oil and Gas Lease No. is H-274

Drilling Commenced March 8, 19 61 Drilling was Completed March 19, 19 61

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

Address 427 Ft. Worth National Bank Bldg, Fort Worth 2, Texas

Elevation above sea level at Top of Tubing Head.....**3592**..... The information given is to be kept confidential until
..... 19.....

OIL SANDS OR ZONES

No. 1, from 3827 to 3874 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
7-5/8	15.28-26.4	Used	368				Surface csg.
4-1/2	9.5	New	3925			3852-3866	Production csg.
2-3/8	4.7	New	3856				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
9-7/8	7-5/8	368	150	Halliburton		
6-3/4	4-1/2	3925	200	Halliburton		

RECORD OF PRODUCTION AND STIMULATION

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

Treated perforations 3852-3866 with 250 gals. mud acid & 20,000 gals. refined oil,
20,000 lbs. sand frac.

Result of Production Stimulation Well pumped 8 bbls new 36.0 gravity oil & 1 bbl formation water in 24 hrs. GOR 875 to 1.

..Depth Cleaned Out..

Orig & 5cc: OCC; cc: HFD, JM, File; cc: State Land Office

RECORD OF DRILL-STEM AND SPECIAL 1 8

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 3925 feet, and from _____ feet to _____ feet.
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

PRODUCTION

Put to Producing May 3, 1961

OIL WELL: The production during the first 24 hours was 9 barrels of liquid of which 89 % was
was oil; 0 % was emulsion; 11 % water; and 0 % was sediment. A.P.I.
Gravity 36.0

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. Anhy.		T. Devonian	
T. Salt		T. Silurian	
B. Salt		T. Montoya	
T. Yates	<u>2677</u>	T. Simpson	
T. 7 Rivers	<u>2931</u>	T. McKee	
T. Queen	<u>3482</u>	T. Ellenburger	
T. Grayburg	<u>3627</u>	T. Gr. Wash	
T. San Andres		T. Granite	
T. Permian Permian	<u>3604</u>	T. _____	
T. Drinkard		T. _____	
T. Tubbs		T. _____	
T. Abo		T. _____	
T. Penn.		T. _____	
T. Miss.		T. _____	

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	865	865	Redbed	<div>DEVIATION SURVEYS</div> <div> <div>1/4 @ 367</div> <div>1/4 @ 1021</div> <div>1/4 @ 1735</div> <div>1/4 @ 2006</div> <div>1 @ 2534</div> <div>3/4 @ 3030</div> <div>1-3/4 @ 3485</div> <div>2-1/2 @ 3716</div> </div>			
865	1428	563	Red Rock & Anhydrite				
1428	1460	32	Anhydrite				
1460	2530	1070	Anhydrite & Salt				
2530	2670	140	Anhydrite				
2670	3376	706	Anhydrite & Gyp				
3376	3574	198	Anhydrite				
3574	3653	79	Anhydrite & Lime				
3653	3925	272	Lime				
3925	Total	Depth	Drilled				

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 East Broadway, Hobbs, New Mexico
Name Fred Burns Position Dist. Supt. Date May 8, 1961