

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

APR 10 10 34 AM '64

WELL RECORD

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DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
TRANSPORTER	OIL GAS
PRODUCTION OFFICE	
OPERATOR	

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

South Wilson Deep Unit

AREA 640 ACRES

DATE WELL CORRECTED

Well No. 1 in NW $\frac{1}{4}$ of SW $\frac{1}{4}$ of Sec. 23, T. 21S, R. 34E, NMPM.
Wildcat Pool, Lea County.
Well is 660 feet from West line and 1980 feet from South line
of Section 23. If State Land the Oil and Gas Lease No. is E-229
Drilling Commenced November 8, 1963 Drilling was Completed February 20, 1964
Name of Drilling Contractor B. L. McFarland, Inc.
Address 3612 West Wall, Midland, Texas
Elevation above sea level at Top of Tubing Head 3717
The information given is to be kept confidential until _____, 19____.

OIL SANDS OR ZONES

No. 1, from 12560 to 13256 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	48	New	923				Surface Csg.
9-5/8	40 & 36	New	5600				Intermediate Csg.
7	29	New	13992			12642-12895	Production Csg.
2-3/8	4.7	New	12892				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
	13-3/8	923	846	Halliburton		
	9-5/8	5600	3441	Halliburton		
	7	13992	510	Halliburton		

RECORD OF PRODUCTION AND STIMULATION

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

Treated perforations 12642-12895 with 5,500 gal. mud acid.

Result of Production Stimulation On 11 hr. potential test, flowed 31 bbls. 53.5 gvty. condensate, 67 BPD, 8 Bbl. filtrate water and gas at rate of 2560 MCF/24 hrs. on 32/64" choke, TP 644#

Orig. & 4 cc: JCC

Depth Cleaned Out

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 0 feet to 14365 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

PRODUCTION

Ran potential test March 16, 1964. Well shut in - No Connector.
Put to Producing, 19

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

GAS WELL: The production during the first 24 hours was 5300 M.C.F. plus 16.4 barrels of liquid Hydrocarbon. Shut in Pressure 4567 lbs.
Length of Time Shut in 68 hrs.

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE)

Southeastern New Mexico				Northwestern New Mexico			
Footage	Bone Springs	8090	T.	Devonian	14211	T.	Ojo Alamo
Footage	3rd Bone Springs	10980	T.	Silurian		T.	Kirtland-Fruitland
Footage	Wolfcamp	11220	T.	Montoya		T.	Farmington
Footage	Strawn	11488	T.	Simpson		T.	Pictured Cliffs
Footage	Atoka	11853	T.	McKee		T.	Menefee
Footage	Morrow	12560	T.	Ellenburger		T.	Point Lookout
Footage	Barnett	13256	T.	Gr. Wash.		T.	Mancos
T.	San Andres		T.	Granite		T.	Dakota
T.	Glorieta		T.	Anhydrite	1686	T.	Morrison
T.	Drinkard		T.	Yates	3620	T.	Penn.
T.	Tubbs		T.	Mid. Delaware Sand	5500	T.	
T.	Abo		T.			T.	
T.	Penn.		T.			T.	
T.	Miss.	Chester	13482			T.	

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1536	1536	Red Bed	13958	14058	100	Lime & Chert
1536	2523	987	Red Bed & Anhydrite	14058	14365	307	Lime & Shale
2523	3118	595	Anhydrite & Salt	14365	(Total Depth)		
3118	3540	422	Anhydrite				
3540	3857	317	Anhydrite & Lime				
3857	5239	1382	Lime				
5239	5452	213	Lime & Sand				
5452	6005	553	Lime				
6005	6596	591	Lime & Sand				
6596	6937	341	Lime				
6937	7201	264	Lime & Sand				
7201	7258	57	Lime				
7258	8057	799	Lime & Sand				
8057	9101	1044	Lime				
9101	9410	309	Lime & Chert				
9410	9491	81	Lime				
9491	9757	266	Lime & Chert				
9757	10030	273	Lime & Chert				
10030	10556	526	Lime				
10556	11250	694	Lime & Shale				
11250	11704	454	Lime				
11704	13028	1324	Lime & Shale				
13028	13499	471	Shale				
13499	13958	459	Lime Chert & 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 as far as can be determined from available records.

Company or Operator Sinclair Oil & Gas Company Address 520 Ease Broadway, Hobbs, New Mexico
Name [Signature] District Superintendent
Position or Title District Superintendent

4-6-64