

NEW MEXICO OIL CONSERVATION COMMISSION

Orig: & cc: OCC
cc: WHC
JTR
EGC
F

Santa Fe, New Mexico

WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPLICATE.

AREA 640 ACRES
LOCATE WELL CORRECTLY

Sinclair Oil & Gas Company

State #182 "A"

Well No. 3

Company or Operator

Lease

in SW/4 SW/4

of Sec. 31

T. 16S

R. 31E

N. M. P. M.

Livingston Abc

Field,

Lee

County.

Well is 4620 feet south of the North line and 3320.46 feet west of the East line of Sec. 31-16-37

If State land the oil and gas lease is No. 182 "A" Assignment No.

If patented land the owner is Address

If Government land the permittee is Address

The Lessee is State of New Mexico

Address Santa Fe

Drilling commenced Jan. 29

19 52

Drilling was completed

April 12

19 52

Name of drilling contractor Coats & Jackson Drig. Co.

Address Lubbock, Texas

Elevation above sea level at top of casing 3810 feet.

The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from 8330 to 8385 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	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED FROM	TO	PURPOSE
13 3/8	36	Spiral weld		302					
9 5/8	36	8		3237					
7	23 & 26	8		8402			8330	8385	Oil
2" UE	4.70	8		8384					

MUDDING AND CEMENTING RECORD

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	305	325	Halliburton		
12 1/4	9 5/8	3239	1200	"		
8 3/4	7	8402	500	"		

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth Set

Adapters—Material Size

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
		H-18 Acid	2,000 Gal.	4-19-52	8330-8385	

Results of shooting or chemical treatment Flowed 214 Bbl. in 10 Hrs.

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 Surface feet to 8404 feet, and from feet to feet.

Cable tools were used from None feet to feet, and from feet to feet.

PRODUCTION

Put to producing April 20, 1952, 19

The production of the first 24 hours was 214 barrels of fluid of which 100 % was oil; %

emulsion: % water; and % sediment. Gravity, Be. 39

If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in.

EMPLOYEES

J. D. Woods Driller B. W. Jackson Driller

John Wells Driller

FORMATION RECORD ON OTHER SIDE

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.

Hobbs, N.M.

April 25, 1952

Name

J. D. Woods

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	29	29	Caliche
29	250	221	Caliche & Red Rock
250	1591	1341	Redbed
1591	1600	9	Anhydrite & Redbed
1600	1930	330	Anhydrite & salt
1930	2135	205	A nhydrite
2135	3238	1103	Anhydrite & salt
3238	3242	4	Anhydrite & Dolomite
3242	5471	2229	Lime
5471	5507	36	Cherty lime
5507	8404	2897	Lime

- DST #1 7591 to 7624 - Open 2 Hours - 5/8" bottom & 1" top chokes - Gas to surface in 1 Hr. & 30 Min. Rec. 100' of gas cut mud and 50' of oil & gas cut mud.
- DST #2 8114 to 8166 - 5/8" bottom & 1" top chokes - Open 3 Hrs. - Gas to surface in 5 Min., Mud in 25 Min., oil in 30 Min., Flowed in test tank for 2 Hrs. @ 48 Bbl. per Hr. Reversed out 55 Bbl. clean oil - IFP 45# - FFP 75#
- DST #3 8175 to 8291 - 5/8" bottom & 1" top chokes - Open 3 Hrs. 15 Min., Gas to surface in 3 Min., Mud in 1 Hr. 30 Min. - Oil in 1 Hr. 45 Min., Flowed in test tank for 1 Hr. 48 Bbl. - Gty. 39 - No water - GOR 466 - Reversed out 50 Bbl. clean oil - IFP 1150# - FFP 2450#
- DST #4 8301 to 8404 - 5/8" bottom & 1" top chokes - Open 4 Hrs. - Gas to surface in 6 Min. Good blow for 3 1/2 Hrs. and diled - Rec. 150' of oil & gas cut mud and 7950' of clean 38 Gty. oil - No water - IFP 325# - FFP 2500# - 15 Min. BUP 2600#

DEVIATION TESTS

DEPTH	DEGREES OFF	DEPTH	DEGREES OFF
500	1/4	"LL	
1990	1	6211	3/4
2300	3/4	6255	1 1/4
2700	1	6495	3/4
3200	1 1/4	6585	1 1/4
3500	1 1/4	7000	1/2
4126	1	7200	3/4
4665	1/2	7410	1 1/2
5015	1 1/4	7565	1
5110	3/4	7800	3/4
5435	1	8253	1 3/4
5749	1 1/2		