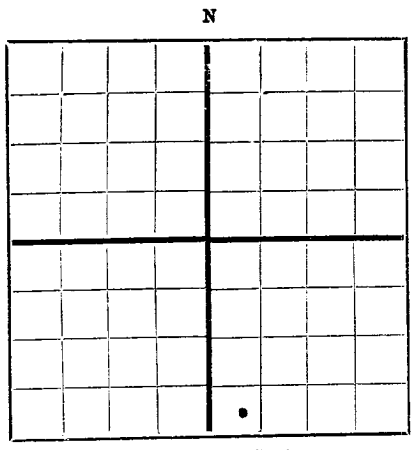
FORM C-105



AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

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. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

Sinclair Oil & Gas Co. Box 1427 Hobbs, N.M. Box 521 Tulsa, Okla.
Company or Operator Address

S. J. SARKEYS "A" Well No. 2 in SE/4 of Sec. 23, T. 21S
Lease

R. 37E, N. M. P. M., Drinkard Field, Lea County.

Well is 4950 feet south of the North line and 2310 feet west of the East line of Sec. 23-21-37

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

If patented land the owner is S. J. Sarkeys, Address

If Government land the permittee is, Address

The Lessee is, Address

Drilling commenced June 15, 19 50. Drilling was completed July 25, 19 50

Name of drilling contractor Milhoan Drlg. Co., Address Tulsa, Okl.

Elevation above sea level at top of casing 3380 feet.

The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from 6380 to 6550 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	PERFORATED TO	PURPOSE
10 3/4	40.5	8R		286					
7 5/8	26.4	8R		2942					
5 1/2	17	8R		6648					

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
12	10 3/4	291	250			
8	7 5/8	2945	1000			
6 3/4	5 1/2	6649	350			

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
2,000 Gal.	Reg. 15%	Western Co. Acid			6490 to 6580	

Results of shooting or chemical treatment Well flowed 138 Barrels of oil in 6 hours

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 6650 feet, and from feet to feet

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

PRODUCTION

Put to producing July 25, 19 50

The production of the first 24 hours was 138 barrels of fluid of which None % was oil; % emulsion; None % water; and % sediment. Gravity, Be. 37 Gas Oil Ration 759

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

Rock pressure, lbs. per sq. in.

EMPLOYEES

L. D. Hughes, Driller J. M. Darnell, Driller

J. D. Lamb, Driller , 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.

Subscribed and sworn to before me this 27 day of July, 19 50

Notary Public

My Commission expires 2-4-54

Hobbs, N.M. July 27, 1950
Place Date

Name

Position Dist. Supt.

Representing Sinclair Oil & Gas Co.
Company or Operator

Address Box 1427 Hobbs, N.M.

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	40	40	Surface (Caliche)
40	171	131	Redrock
171	305	134	Redbed
305	660	355	Redrock
660	950	290	Redbed & shells
950	1155	205	Shale & sand
1155	1235	80	Redbed & shell
1235	1390	155	Anhydrite
1390	1487	97	Shell & Shale
1487	2425	938	Anhydrite & salt
2425	2712	287	Anhydrite & Gyp
2712	2795	83	Anhydrite & Lime
2795	2805	10	Sand
2805	2822	17	Lime & Shell
2822	3186	364	Anhydrite & Lime
3186	6650	3464	Lime

DEVIATION TESTS

Depth	Degree off
500	1/2
750	1/2
1150	1/2
2098	3/4
2400	1
2730	1/4
3197	3/4
3500	0
3750	1/2
4000	0
4400	1/4
4690	1/4
4813	1/4
5500	0

DRILL STEM TESTS

DST #1 3950 to 4000 open one hour, good blow of air, no gas to surface. Recovered 150 Ft. of drilling mud with slight show of oil - Flowing prrssure 80#

DST #2 4011 to 4101 open two hours, gas to surface in 15 minutes, good blow throughout test. Recovered 500 Ft. of oil & gas cut sulphur water. Flowing pressure 75#, 15 Min. BUP 1050.

DST #3 6418 to 6500 open two hours, gas to surface in one hour.Est. 5,000 Cu. Ft. of gas per 24 hours. Recovered 200 Ft. of oil & gas cut mud, very small show of oil or gas. 15 Min. BUP 250#

DST #4 6500 to 6600 open one hour & fifteen minutes, starting flowof gas 100,000 Cu. Ft. finish flow of gas 5,000 Cu. Ft. per 24 Hours. Pulled 1530 Ft. of drill pipe and well unloaded. Recovered 200 Ft. of clean oil and 250 Ft. of oil & gas cut mud in bottomof drill pipe. Flowing Pressure 700#, 15 Min. BUP 2475#, Hydrostatic pressure 3,000#

DST #5 6600 to 6650 open two hours five minutes., gas to surface in 2 hours. recovered 30 Ft. of drilling mud, Flowing pressure Zero, 15 Min. BUP 540# Hydrostatic pressure 2950#

BRIEF

Total depth 6650 - Plug back depth 6580 - Schlumberger 6645
Set 6648 Ft. of 5½" OD 17# J55 R2 SS 8Rt new casing @ 6649 Ft. from surface. Cemented with 350 sacks of common cement, Pumped plug to 6581, did not drill cement plug. Layaway pressure 1500#, top of cement behind pipe @ 3050 Perforated by Lane Wells W/540 holes from 6490 to 6580 and Washed formation with 500 gallon of mud acid. Swabbed six hours and well started flowing first 24 hours swabbed & flowed 230 barrels of oil W/well flowing for last 9 hours at a rate of 9 barrels per hour. Thru 24/64" choke.
Acidised W/2,000 gallon of Reg. 15% acid by Western Co. from 6490 to 6580 injection rate of 1.1 barrels per min. Swabbed well in and started flowing at rate of 30 barrels per hour. 24/64" choke tubing p ressure 400#

POTENTIAO TEST Flowed 138 barrels of clean oil in six hours thru 24/64" choke, TP 200#, CP 400#, GOR 759, Gty.37