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## NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

## WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or nearest 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

Stanolind Oil and Gas Company

Southland Royalty Co. "A"

Well No. 4 in SE/4 of Sec. 4, T. 21-S

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

Well is 4620 feet south of the North line and 660 feet west of the East line of Section 4

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

If patented land the owner is J. W. Owens, Address Eunice, New Mexico

If Government land the permittee is \_\_\_\_\_, Address \_\_\_\_\_

The Lessee is Stanolind Oil and Gas Company, Address Box 68 - Hobbs, N. M.

Drilling commenced October 12, 1951 Drilling was completed November 11, 1951

Name of drilling contractor E. F. Moran, Inc., Address Tulsa, Oklahoma

Elevation above sea level at top of casing 3466 feet.

The information given is to be kept confidential until \_\_\_\_\_, 19\_\_\_\_.

## OIL SANDS OR ZONES

No. 1, from 6610 to 6645 No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from 6680 to 6750 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	8ED	ARMCO	305	Baker			
8-5/8"	24 & 32	8ED	National	2905	Baker			
5-1/2"	14 & 15.5	8ED	J-55	6748	Baker			

## MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17-1/2	13-3/8	305	300	HOWCO -Plug		
11	8-5/8	2905	475	HOWCO -Plug		
7-3/8	5-1/2	6748	225	HOWCO -Plug		

## 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
	Shaped 4/ft.	15% Reg. Acid	2500 gal.	11-20-51	6680-6703	(Squeezed off w/100 sx.)
	Shaped 4/ft.	15% Reg. Acid	6000 gal.	11-23-51	6595-6655	

Results of shooting or chemical treatment Perforations from 6680 - 6703 were squeezed off using 75 sx. cement and Baker drillable retainer. Perforated 6595-6655 flowed 350 bbls oil and 31 BW on an 18 hour test.

## 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 TD feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.

Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.

## PRODUCTION

Put to producing 11-23-51, 19\_\_\_\_

The production of the first 24 hours was 508 barrels of fluid of which 92 % was oil; \_\_\_\_\_ % emulsion; 8 % water; and \_\_\_\_\_ % sediment. Gravity, Be 39° @ 60°

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. Mitchell, Driller O. B. Riggs, Driller  
B. H. Gaston, Driller Fyner Wardlaw (Tool Pusher), 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 29

day of November, 1951

[Signature]  
Notary Public

My Commission expires November 1, 1952

NOV 29 1951

Place

NOV 29 1951

Date

Name [Signature]

Position Superintendent

Representing STANOLIND OIL & GAS COMPANY  
Company or Operator

Address HOBBS, NEW MEXICO

## FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
Surface	1280	1280	Surface sands, Caliche and Red Beds
1280	1380	100	Anhydrite
1380	2610	1230	Salt
2610	2670	60	Anhydrite
2670	2690	20	Yates Sand
2690	3720	1030	Anhydrite, Dolomite, Green Shale
3720	4080	360	Anhydrite, Sand, Dolomite
4080	4800	720	Dolomite, Trace of Sand and Anhydrite
4800	5150	350	Dolomite, Green Shale, Trace of Sand
5150	5700	550	Dolomite, Sand, Trace Anhydrite
5700	6220	520	Dolomite
6220	6540	320	Dolomite, Trace Sand
6540	6750 TD	210	Dolomite, Lime

FORMATION TOPS FROM SCHLUMBERGER LOG

<u>Formation</u>	<u>Depth</u>	<u>Elevation</u>
Yates	2611	868
San Andres	4010	- 531
Glorietta	5230	-1751
Tubbs	6215	-2736
Drinkard Gas Zone	6502	-3023
Drinkard Pay	6610	-3131

- DST #1 - (5295-5562) - Tool open 2 hours. Med. blow air to surface imed. becoming strong blow in 5 min. Remaining steady throughout test. 15 SIHP - 2125 psi; FBHP - 710-1500. Recovered 2700' sulphur water and 270' of mud.
- DST #2 - (5618-5750) - Tool open 3 hours 53 min. Extremely strong blow of gas to surface immediately. 2775 MCF/day 15 Min. SIHP 1525. FBHP - 725 -1325 - Recovered 60' of distillate.
- DST #3 - (6210-6320) - Tool open 2 hours. Strong blow air to surface immediately. Gas to surface in 2½ min. 4,027 MCF/day. Recovered 60' distillate - 15 SIHP - NOT Rec. FBHP -800 - 1025.
- DST #4 - (6602-6674) - Tool open 2 hours. Strong blow of air to surface immediately. Gas to surface in 7 min. Rec. 1200 heavy oil and gas cut mud; 270' filtrate water. 15 min. SIHP - 2075; FBHP 150-475.
- DST #5 - (6674-6750) - Tool open 2 hrs. strong blow of air to surface immediately. Gas to surface 65 min. Reversed out 500 ft. oil and gas cut mud, 2000' salt water. 15 min. SIHP - 2500; FBHP - 450- 1875.
- DST #6 - (6714-6750) - Tool open 2 hours strong blow to surface immediately. Heading at decreasing rates after 40 min. Gas to surface in 10 min. recovered 300 feet GCM and 4000' salt water. 15 min. SIHP-2550 - FBHP 0 -2050.