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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 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

Stanolind Oil and Gas Company

Lois Wingerd

Company or Operator

Lease

Well No. 1 in NW/4 of Sec. 24, T. 12-S

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

Well is 1980 feet south of the North line and 3300 feet west of the East line of Sec. 24, T-12-S, R-37-E

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

If patented land the owner is Lois Wingerd, Address Brownfield, Texas

If Government land the permittee is, Address

The Lessee is Stanolind Oil and Gas Company, Address Box 591; Tulsa, Oklahoma

Drilling commenced November 15, 1950 Drilling was completed June 4, 1951

Name of drilling contractor Stanolind Oil and Gas Co., Address Box "F"; Hobbs, N. Mex.

Elevation above sea level at top of casing 3880 feet.

The information given is to be kept confidential until Not Confidential 19

## OIL SANDS OR ZONES

No. 1, from No commercial zones 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 None 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#	SJ	ARMCO	319'	Tex. Pattern				Surf. String
9-5/8	36#	8RT	J-55	3792'	DV	1265'			Inter. "
9-5/8	40#	8RT	N-80	907'	Tool				" "
7"	23, 26	8RT	N-80	10470'	DV	5157'	10,310	10,340	
	29 & 32#	ESY			Tool		10,200	10,270	
							10,100	10,170	
							9,910	9,950	

(Over-Cont'd)

## 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	341'	300	Plug		
12-1/4	9-5/8	4673	550	Two-Stage		
8-3/4	7	10412	375	Two-Stage		

## 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
		Acid	1,000	6-18-51	9950-9910	
		Acid	1,000	6-24-51	9615-9600	9585-60; 9545-30
		Acid	500	6-27-51	9515-9505	
		Acid	1,250	6-29-51	9480-9455	

Results of shooting or chemical treatment

## RECORD OF DRILL-STEM AND SPECIAL TESTS

See Reverse Side

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 12,111 feet, and from feet to feet.

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

## PRODUCTION

Well Plugged & Abandoned  
Put to producing 19

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

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

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

Rock pressure, lbs. per sq. in.

## EMPLOYEES

D. W. Adams, Driller J. A. Yount, Driller

E. C. Gunter, Driller Zephrene Little, 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 7th

Hobbs, New Mexico Sept. 7, 1951

day of September, 1951

Name B. R. Nielsen

Position Production Foreman

Representing Stanolind Oil and Gas Company  
Company or Operator.

Address Box "F"; Hobbs, New Mexico

My Commission expires Aug 28-1952

Notary Public

**FORMATION RECORD**

FROM	TO	THICKNESS IN FEET	FORMATION
<b>Casing Record (Cont'd)</b>			
Perforated			
<u>From</u>	<u>To</u>		<u>Purpose</u>
9615	9530		
9505-9515			
9455-9480			
9415-9440			
Surface	300'	300'	Anhydrite.
300'	2217'	1917'	Red shale with sand streaks.
2217'	2254'	37'	Anhydrite.
2254'	2292'	38'	Salt.
2292'	2663'	371'	Salt & red shale streaks.
2663'	3075'	412'	Anhydrite and salt.
3075'	3160'	85'	Anhydrite.
3160'	3800'	640'	Anhydrite and salt streaks.
3800'	4440'	640'	Anhydrite, salt and lime.
4440'	4808'	368'	Hard lime.
4808'	5100'	292'	Dolomite, hard shale & lime.
5100'	5182'	182'	Dolomite.
5182'	5190'	8'	Sand.
5190'	7994'	2804'	Dolomite.
7994'	8155'	261'	Lime & shale.
8155'	8407'	252'	Shale, lime & chert.
8407'	8654'	247'	Shale & lime (some chert streaks).
8654'	9438'	784'	Shale, lime.
9438'	10041'	603'	Shale, dolomite.
10,041'	10190'	149'	Shale lime - chert streaks.
10,190'	10732'	542'	Lime, dolomite chert streaks.
10,732'	10775'	43'	Lime & chert.
10,775'	10806'	31'	Shale, lime & chert streaks.
10,806'	11365'	559'	Lime & chert streaks.
11,365'	11757'	392'	Lime, shale.
11,757'	11902'	145'	Shale lime - chert streaks.
11,902'	11971'	69'	Shale lime sand.
11,971'	12004'	33'	Shale Lime chert streaks.
12,004'	12009'	5'	Shale lime.
12,009'	12055'	46'	Lime dolomite.✓
12,055'	12081'	26'	Lime.
12,081'	12111'	30'	

**DRILL STEM TESTS**

**5100-5195':** Very weak blow air throughout. Recorded 5' free oil. Est. 30 gravity. 200' slightly oil & gas cut fresh water. Flowing bottom hole pressure - 50; 15-minute shut-in bottom hole pressure - 100.

**5195-5260':** Medium blow air at once. Steady increase in blow for first 25 min. No gas to surface. Tool open two hours. Recorded 700' sulphur water. FBHP 0 105 to 345 psi; 15-minute SIBHP - 1460 psi.

**9395-9502':** Tool open for 2 hours. Weak blow air x to surface in 2 min. Diminished to very weak blow in 2 hours. No gas to surface. 5/8" bottom hole choke; 1" surface choke. Recovered 350' slightly oil & gas cut mud and 200' mud. BHFP - 275 psi; 15-minute SIBHP - 2500 psi.

**9491-9600':** Tool open 1 hour. Very weak blow air to surface in 2 min ~~and~~ dying after 25 min. Dead in 35 min. Recovered 400' drlg. fluid, no oil, gas or water. Indication of plugging recorded on pressure chart. FBHP - 0-1351 psi; 15-minute SIBHP - 1650 psi. Hydrostatic head - 4750.

**9488-9600' (Re-run):** Tool open 65 min. Moderate blow of air to surface at once, diminishing & dying in 42-1/2 min. Shut in 15 minute build-up. Recovered 450' of drilling fluid. No indication of oil, gas or water. Indication of plugging recorded on chart. FBHP - 50-1,100 psi; 15-minute SIBHP - 0. Hydrostatic head - 4675 psi.

**9659-9690':** Tool open 15 min. 5/8" bottom choke, 1" surface choke. 540' water blanket. Very strong blow air at once lasting throughout the test. Recovered 2700' water blanket, 3500' of very slightly oil & gas cut mud, 190' slightly salty water, 180' water cut mud, FBHP - 1450 psi; 15-minute SIBHP - 9525 psi. Water content 21,000 ppm chloride, no iron oxide sulphur.

**12,085-12,111':** Tool open 12 minutes, 5/8" bottom choke, 1" surface choke. Strong blow air at surface lasting 8 min. Recovered 2350' water blanket, 2330' gas cut mud. Packer gave way - attempted to reseat - failed. No pressures taken.