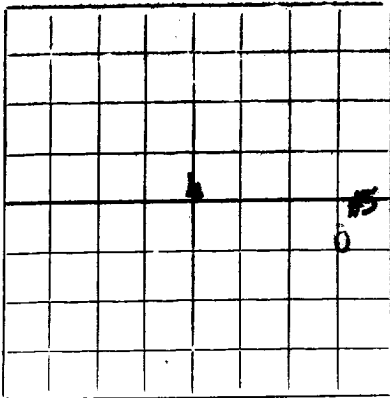


N.



AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

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 QUINTUPPLICATE.

Stanolind Oil and Gas Company

(Company or Operator)

Southland Royalty Co. "A"

(Lease)

Well No. 5, in NE $\frac{1}{4}$ of SE $\frac{1}{4}$ of Sec. 4, T. 21-S, R. 37-E, NMPM.
Drinkard Pool, Lea County.

Well is 1980 feet from South line and 660 feet from East line
of Section 4. If State Land the Oil and Gas Lease No. is _____

Drilling Commenced 10/15, 1952 Drilling was Completed 11/16, 1952

Name of Drilling Contractor Lee Drilling Company

Address 510 Philtower Building

Tulsa, Oklahoma

Elevation above sea level at Top of Tubing Head 3470. The information given is to be kept confidential until
Not confidential, 19____

OIL SANDS OR ZONES

No. 1, from 6640 to 6652 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"	364	New	298	Texas Pattern	---	---	Surface String
8 5/8"	218	New	2882	Baker Float	---	---	Intermediate "
5 1/2"	15.54	New	6742	Larkin Float	---	6640-6652	Oil String
	14 5/8	New					

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"	312 RDB	300	Circulated to surface	---	
11"	8-5/8"	2895 RDB	400(-75)	Perlite Single Stg)	10#/gal	180 bbls
7 7/8"	5-1/2"	6755 RDB	180(-180)	Perlite Single Stg)	9#/gal	165 bbls

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)
Perforated 6640-6652 4 s/ft. Washed with 500 gal mud acid.

Result of Production Stimulation

24 hr, 249 bbl oil, GOR 989 10/64" choke

6665
Depth Cleaned Out _____

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special test deviation surveys were made, submit report on separate sheet and attach hereto

TOOLS USED

Rotary tools were used from Surface feet to Total depth feet, and from _____ feet to _____ feet.
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

PRODUCTION

Put to Producing November 29, 1952

OIL WELL: The production during the first 24 hours was 249 barrels of liquid of which 99.8 % was
was oil; _____ % was emulsion; _____ % water; and 0.2 % was sediment. A.P.I.
Gravity 39

GAS WELL: The production during the first 24 hours was _____ M.C.F. plus _____ barrels of
liquid Hydrocarbon. Shut in Pressure _____ lbs.

Length of Time Shut in _____

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

Southeastern New Mexico

Northwestern New Mexico

T. Anhy. <u>1270</u>	T. Devonian _____	T. Ojo Alamo _____
T. Salt. <u>1370</u>	T. Silurian _____	T. Kirtland-Fruitland _____
B. Salt. <u>2600</u>	T. Montoya _____	T. Farmington _____
T. Yates. <u>2620</u>	T. Simpson _____	T. Pictured Cliffs _____
T. 7 Rivers _____	T. McKee _____	T. Menefee _____
T. Queen _____	T. Ellenburger _____	T. Point Lookout _____
T. Grayburg _____	T. Gr. Wash _____	T. Mancos _____
T. San Andres. <u>4020</u>	T. Granite _____	T. Dakota _____
T. Glorieta. <u>5250</u>	T. _____	T. Morrison _____
T. Drinkard. <u>6615</u>	T. _____	T. Penn _____
T. Tubbs. <u>6220</u>	T. _____	T. _____
T. Abo _____	T. _____	T. _____
T. Penn _____	T. _____	T. _____
T. Miss _____	T. _____	T. _____

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
Surface	1300	1300	Surface Sands and Clays	D.S.T. #5:	6680-6706	26	Tool open 4 hours. Gas to surface 9 min. Treated 371 MCFPD
1300	1400	1000	Anhydrite				Reversed out 325' heavy oil and gas
1400	2600	1200	Salt Beds				cut mud. Recovered 270' of mud cut
2600	4000	1400	Dolomite and Anhydrite				oil; approximately 80% oil, below
4000	5250	1250	Dolomite, Traces Anhydrite and sand.				circulating sub; no water FBHP zero
5250	6220	970	Dolomite				to 50 psi; 35 min. SIBHP. 2300 psi.
6220	6755	535	Brown dolomite	D.S.T. #6:	6707' to 6717'	10'	w/Anchor Packer. Failed. Indication of communication;
D.S.T. #1:	6488-6621	1333	Minor, Leak in Drill Pipe	D.S.T. #7:			Using hook wall packer. Set at 6707'
D.S.T. #2:	6490-6621	1131	do				to 6717' indication of communication.
D.S.T. #3:	6490-6621	1131	Tool open 4 hrs. moderate blow air at once. Gas to surface 1 hr. 45 min. Too small to measure. Rec. 430' Hvy oil & gas cut mud. No water. FBHP 90 psi to 200 psi. 20 min. SIBHP 600 psi.	D.S.T. #8:	6679' to 6717'	38'	Tool open 5 hrs. & 20 min. Gas to surface 13 min. Fluid to surface 1 hour and 50 min. Cleaned to pits for 30 min. Produced 8 bbls of salt water and 3 bbls of mud cut oil in 3 hours. Reversed out. Recovered 270' of mud cut salt water below circulating sub. FBHP 610 psi; 30 min. SIBHP, 1500 psi.
D.S.T. #4:	6620-6668	488	Tool open 3 hrs. 30 min. Gas to surface 4 min. oil to surface 80 min. Cleaned to pit 10 min. Prod. 8 BO 1st Hr. 7 BO 2nd Hr. GOR 10.850. Rev. out 430' oil and gas cut mud. No water. FBHP 1050 psi, 30 min. SIBHP 2350 psi.				

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 so far as can be determined from available records.

Company or Operator Standard Oil and Gas Company Address P.O. Box 68 - Hobbs, New Mexico
Name Ralph J. Pennington Position or Title Field Superintendent
Date December 2, 1952 (Date)