

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 QUINTUPLICATE.

Stanolind Oil and Gas Company
(Company or Operator)Lea Mingerd
(Lease)Well No. **4**, in **SE** $\frac{1}{4}$ of **SE** $\frac{1}{4}$, of Sec. **23**, T. **12 N**, R. **37 E**, NMPM.**Madiala (Walfomp)** Pool, **Lea** County.Well is **660** feet from **South** line and **1900** feet from **East** line of Section **23**. If State Land the Oil and Gas Lease No. isDrilling Commenced **March 19th**, 19 **52**. Drilling was Completed **July 20th**, 19 **52**.Name of Drilling Contractor **Stanolind Oil and Gas Company (Company Rig #8)**Address **P. O. Box 60 - Hobbs, New Mexico**Elevation above sea level at Top of Tubing Head **3885**. The information given is to be kept confidential until **Not Confidential**, 19

OIL SANDS OR ZONES

No. 1, from **9200** to **9707** 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	36 #	new	302'				Surface String
9 5/8	40 #	new	761'				Intermediate
9 5/8	36 #	new	3759.5'	Longhorn			Intermediate
7	26 #	new	9883'	Larkin		9782 - 9787	Oil String

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	320	500	House Plug		
12 1/4"	9 5/8	4506	500 + 100	House 2 Stage		
8 3/4"	7	9835	150 sz.	House Plug		

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

Acidized perforations 9782 to 9787 with 500 gal. of mud acid.Result of Production Stimulation **Pumped 110 bbls. of oil and 164 bbls. of water, and produced****87.14 MCF of gas in 24 hours. GOR was 791.**

Depth Cleaned Out

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 0 feet to 9035' T.B. feet, and from _____ feet to _____ feet.
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

PRODUCTION

Put to Producing..... July 26, 19 52.

OIL WELL: The production during the first 24 hours was.....**274**.....barrels of liquid of which.....**40**.....% was
was oil;% was emulsion;**49**.....% water; and.....% was sediment. A.P.I.
Gravity.....**62°**.....

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.....	2220	T. Devonian.....	T. Ojo Alamo.....
T. Salt.....		T. Silurian.....	T. Kirtland-Fruitland.....
B. Salt.....		T. Montoya.....	T. Farmington.....
T. Yates.....		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.....	4470	T. Granite.....	T. Dakota.....
T. Glorieta.....	5930	T.	T. Morrison.....
T. Drinkard.....	7220	T.	T. Penn.....
T. Tubbs.....		T.	T.
T. Abo.....	7830	T.	T.
T. Penn.....		T.	T.
T. Miss.....		T.	T.

T. Wolfcamp 9230

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
Surface	250	250	Surface Beds & Anhydrite	BHPF - 230 to 340 psi. 15 min. SI			
250	2167	1917	Red Beds w/Sand Streaks	BHP - 340.			
2167	4390	2223	Anhydrite, Salt, Shale	5-18-52 Det. #4 - 9750 - 9770 - No Packer			
4390	4750	360	Lime	Seal. Det. #5 - 9735 - 9770 - No			
4390	8350	3600	Dolomite, Lime & Shale	Packer Seal.			
8350	11700	3350	Dolomite, Shale, Lime	5-19-52 Det. #6 - 9710 - 9770 - Open 1 Hr.			
			With Chert Streaks	33 min. Weak blow of air dead in 33 min.			
11700	11805	105	Lime, Shale, Sand with	Recovered 275' of mud. No show of oil,			
			Chert Streaks	gas, or water. BHPF 100 psi 15 min. SI			
Det. #1				BHP - Not recorded.			
5-12-52	9420 - 9480		Open 2 hrs. recovered	5-20-52 Det. #7 - 9712 - 9795 - Open 3 hrs.			
			450' of orig. mud. No show oil, gas,	45 min. Gas to surface in 7 min. Fluid			
			water. BHPF - Oto 140 psi - 15 min. SI	to surface in 1 hr. 10 min., Oil 1 hr.			
			BHP - 145 psi.	15 min. 2 hr. flowing test produced 84			
5-14-52	Det. #2 - 948 to 9580		Open 3 hrs.	bbls. 44° corrected oil on 11 bbls. of			
			recovered 100' of heavily oil and gas	sulfur water. Reversed out. Recovered			
			cut mud, 270' of slightly oil and gas cut	300' of sulfur water below circulating			
			mud, and 120' of brackish water cut mud.	sub. BHPF 650 to 2125 psi. 20 min. SI			
			BHPF 100 to 240 psi. 15 min. SI BHP -	BHP 3305 psi.			
			440 psi.				
5-16-52	Det. #3 - 9657 to 9710		open 2 hrs.				
			A weak blow continued throughout. Re-				
			covered 275' of slightly gas cut mud,				
			and 600' of slightly gas cut salt water.				

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.

August 18, 1952

(Date)

Company or Operator... **Stanolind Oil and Gas Company**

Address..... **P. O. Box 68 - Hobbs, New Mexico**

Name: Alphonse Nkono

Position or Title..... **Field Superintendent**