DUPLICATE

FORM C-105

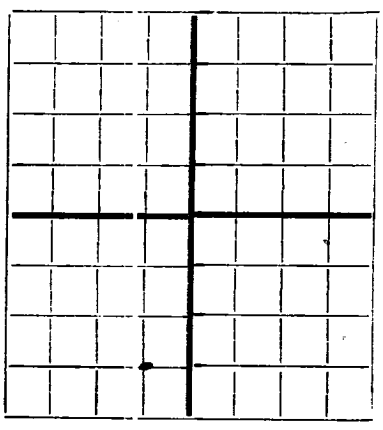
RECEIVED
MAY 2 4 1950
HOBBS OFFICE

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.



AREA 640 ACRES
LOCATE WELL CORRECTLY

Stanolind Oil and Gas Company - P. O. Box "F" - Hobbs, New Mexico
Company or Operator Address

M. L. Hester Well No. 1 in SE/4 SW/4 of Sec. 6, T. 20-S
Lease

R. 39-E, N. M. P. M., South Nadine Field, Lea County.

Well is 4620 feet south of the North line and 3300 feet west of the East line of Section 6

If State land the oil and gas lease is No. 85332 Assignment No.

If patented and the owner is M. L. Hester, Address Hobbs

If Government land the permittee is, Address

The Lessee is Stanolind Oil and Gas Company, Address P. O. Box 591, Tulsa, Okla.

Drilling commenced April 6 19 50 Drilling was completed May 15 19 50

Name of drilling contractor Noble Drilling Corp., Address 207 Stanolind Bldg., Tulsa, Oklahoma

Elevation above sea level at top of casing 3573 feet.

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

OIL SANDS OR ZONES

No. 1, from 4325 to 4482 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 encountered 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
13-3/8	3[illegible]#	8V	Armco	315'					
8-5/8	3[illegible]#	8V	N-80	4463'	Baker		4404	4440	
							4452	4470	

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
17-1/4	13-3/8	330	400 sx.	Plug		
11	8-5/8	4477	3100 sx.	Plug	10.5#/gallon	

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
		15% Reg. Acid	2000 gal.	5-10-50	4452-70'	
		" " "	3000 "	5-16-50	4404-40'	

Results of shooting or chemical treatment Before acid 4452-70, swabbed dry. After acid, 148 bbls. oil cut 13% BS&W. Before acid 4452-70, swabbed 47 bbls. oil cut 19% BS&W in 12 hours. No test after acid.

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 4482' TD feet, and from feet to feet

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

PRODUCTION

Put to producing May 15, 1950

The production of the first 24 hours was 148 barrels of fluid of which 85 % was oil; % emulsion; 5 % water; and 10 % sediment. Gravity, Be. 27° API

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

Rock pressure, lbs. per sq. in.

EMPLOYEES

I. D. Ables, Driller Jack Lassiter, Driller

V. A. Chapman, 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 22nd day of May, 1950

[signature] Notary Public

My Commission expires 2-23-54

Hobbs, New Mexico - May 22, 1950
Place Date

Name [signature]

Position Field Superintendent

Representing Stanolind Oil and Gas Company
Company or Operator

Address Box "F", Hobbs, New Mexico

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION

DRILL STEM TESTS

Drill Stem Test No. 1 (4330-4426). Tool open 4 hours. Gas to surface in 55 minutes. Strong blow throughout. Reversed out 1200' medium oil cut and 800' gas cut mud above circulating sub. Recovered 150' heavy oil and gas cut mud below circulating sub. FBHP - 175 psi. 15-minute SIBHP - 600 psi.

Drill Stem Test No. 2 (4380-4454). Tool open 7 hours. Gas to surface in 45 minutes. Strong blow throughout. Estimated 900' gas cut mud circulated out. Recovered 210' heavy black mud cut foamy oil below circulating sub. FBHP - 175 psi.

Drill Stem Test No. 3 (4418-4482). Tool open 4 hours. No gas to surface. Weak blow air throughout. Recovered 100' slightly oil and gas cut mud and 150' sulphur water cut mud. FBHP - 100 psi. 15-minute SIBHP - 165 psi.

FORMATION TOPS
LANE WELLS, GAMMA RAY-NEUTRON

Elevation	3573'D.F.
Top Anhydrite	1610'
Top Salt	1680'
Base Salt	2725'
Top Yates	2875'
Top Queens	3845'
Top San Andres	4325'

FROM	TO	THICKNESS IN FEET	FORMATION
Surface	1610'	1610'	Red beds and surface sands.
1610'	1680'	70'	Anhydrite.
1680'	2725'	1045'	Salt and anhydrite stringers.
2725'	2875'	150'	Anhydrite and shale.
2875'	3845'	970'	Sand, anhydrite, and lime.
3845'	4325'	480'	Sand, lime, and dolomite.
4325'	4482'	157'	Dolomite.