DUPLICATE

FORM C-105

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MAR
HOBBS OFFICE

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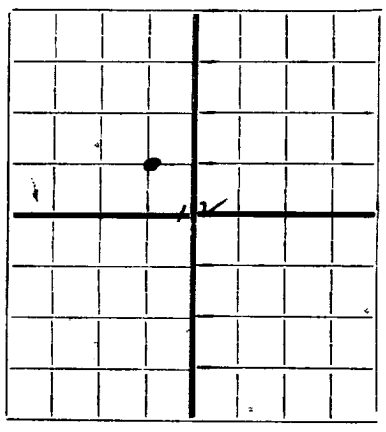

AREA 640 ACRES
LOCATE WELL CORRECTLY

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.

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

G. M. Cone "A" Well No. 1 in SE/4 NW/4 of Sec. 12, T. 20-S
Lease

R. 38-E, N. M. P. M., South Nadine Field, Lea County.

Well is 1980 feet south of the North line and 3300 feet west of the East line of Section 12

If State land the oil and gas lease is No. 85348 Assignment No.

If patented land the owner is G. M. Cone, Address Hobbs, New Mexico

If Government land the permittee is, Address

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

Drilling commenced March 29 19 50 Drilling was completed May 7 19 50

Name of drilling contractor, R. F. Moran, Inc., Address 409 Nat'l Bank Bldg., Tulsa, Okla.

Elevation above sea level at top of casing 3580 feet.

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

OIL SANDS OR ZONES

No. 1, from 4290 to 4490 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"	36.0#	8-RT	Armco	307	Halliburton Texas Pattern				Surface
7-5/8"	26.4#	8-RT	N-80 J-55	4473'	Halliburton		4300 4354 4405	4340 4382 4440	Oil String

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	318'	400 sx.	Plug	9.5#/gallon	
9-7/8	7-5/8	4484'	680 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
4000 gal.		15% Reg. Acid		5-12-50	4300-4340	
3000 gal.		" " "		5- 5-50	4354-4382	

Results of shooting or chemical treatment Before acid 4354-82, swabbed dry. After acid, swabbed 106 bbls. oil cut 24% w/BS&W in 24 hrs. Before acid 4300-40, swabbed 25 bbls. fluid cut 10% w/water in 4 hrs. After acid, swabbed 105 bbls. oil cut 10% BS&W in 8 hours.

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 4490 T.D. feet, and from feet to feet

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

PRODUCTION

Put to producing May 7, 19 50

The production of the first 24 hours was 106 barrels of fluid of which 76 % was oil; % emulsion; 12 % water; and 12 % sediment. Gravity, Be. 26° 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

J. D. Smith, Driller A. P. Lewis, Driller

Roy Searbrough, 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, 19 50

J. D. Smith
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

Address P. O. Box "F"
Hobbs, New Mexico

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION

DRILL STEM TESTS

Drill Stem Test No. 1 (4300-4377). Tool open 4 hours. Strong blow air at once. Gas to surface in 30 minutes. Strong blow gas throughout. Recovered 600' gas cut mud above circulating joint, and 210' heavily oil and gas cut mud below circulating joint. FBHP - 50 psi; 15-minute SIBHP - 900 psi. No water.

Drill Stem Test No. 2 (4320-4332). Tool open 4 hours. Strong blow air at once. Gas to surface in 40 minutes. Strong blow gas throughout. Recovered 1000' oil and gas cut mud above circulating joint and 150' heavy mud and gas cut oil below circulating joint. FBHP - 50 psi; 15-minute SIBHP - 850 psi. No water.

Drill Stem Test No. 3 (4413-4490). Tool open 3 hours. Medium blow air for one hour. Weak blow air for 2 hours. Recovered 180' oil and gas cut mud and 60' muddy sulphur water. FBHP - 60 psi. 15-minute SIBHP - 125 psi.

LANE WELLS, GAMMA RAY-NEUTRON FORMATION TOPS

Elevation	3580' D.F.
Top Anhydrite	1555'
Top Salt	1625'
Base Salt	2710'
Top Yates	2870'
Top Queens	3865'
Top San Andres	4290'

FROM	TO	THICKNESS IN FEET	FORMATION
Surface	1555'	1555'	Red beds, surface sands.
1555'	1625'	70'	Anhydrite.
1625'	2710'	1085'	Salt and anhydrite strings.
2710'	2870'	160'	Anhydrite, shale.
2870'	3865'	995'	Sand, anhydrite, lime.
3865'	4290'	425'	Sand, lime, and dolomite.
4290'	4490'	200'	Dolomite.