

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 TRIPPLICATE. 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; Box "F"; Hobbs, New Mexico

G. M. Cone ^{Company or Operator} Well No. 1 in SE/4 of Sec. 12, T. 20-S

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

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

If State land the oil and gas lease is No. 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, Oklahoma

Drilling commenced July 29, 1950 Drilling was completed November 15, 1950

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

Elevation above sea level at top of casing 3562 feet. Commercial Standard Bldg, Ft. Worth

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

OIL SANDS OR ZONES

No. 1, from 4290 to 4480 No. 4, from to
No. 2, from 6976 to 7070 T.D. 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		PURPOSE
							FROM	TO	
10-3/4"	29.0#	Welded	FtPitt	305	Texas	Pattern			Surface
7-5/8"	26.4#	8 RD		1221	Float				Intermediate
	24.0#	8 RD		2529					
5-1/2"	15.5#	8 RD		5919	Formation	Pkr.			Oil String
	17.0#	8 RD		1134					

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
13-3/4"	10-3/4"	310'	250	Single Stage	9.8#/Gal.	
9-7/8"	7-5/8"	3741'	600	" "	10.5#/Gal.	
6-3/4"	5-1/2"	7024'	200	" "	9.3#/Gal.	

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		11-20-50	7024-7070'	

Results of shooting or chemical treatment. Before acidizing well flowed 68 Bbls. oil, 0 Bbls. water, GOR 456:1. Died in 14 hours. After acidizing and re-covering load oil & acid water, well flowed 106 BO, 1 BW in 24 hours on 13/64" choke. GOR-611. Oil cut .6% water, 1.8% BS&W.

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 7070 feet, and from feet to feet

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

PRODUCTION

Put to producing November 19, 1950

The production of the first 24 hours was 68 barrels of fluid of which 99% was oil;

emulsion; % water; and 1% sediment. Gravity, Be 40° 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. B. Welch, Driller J. D. Smith, Driller
B. W. Decker, Driller S. T. Culter, 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 28th

day of November 1950

Notary Public

My Commission expires 6-18-54

Hobbs, New Mexico - Nove. 28, 1950

Name Robert J. G.

Position Field Engineer

Representing Stanolind Oil and Gas Company

Company or Operator

Address Box "F"; Hobbs, New Mexico

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
<u>DRILL STEM TESTS</u>			
Drill Stem Test No. 1 (4279-4400'): Gas to surface in 8 minutes. Gauged 35 MCF/day. Tool open 4 hours. Reverse circulated out 1080' sulphur water cut, heavily gas cut, slightly oil cut mud. Recovered 210' of medium oil cut and heavily gas cut mud below circulating sub. FBHP - 300 psi; 15-minute SIBHP - 1215 psi.			
Drill Stem Test No. 2 (4350-4460'): Gas to surface in 27 minutes. Tool open 1 hour 50 minutes. Circulated out 1500' of heavily sulphur water and gas cut mud with a trace of oil. Recovered 180' of slightly oil cut sulphur water below circulating sub. FBHP - 0 psi; 15-minute SIBHP - 1375 psi.			
Drill Stem Test No. 3 (6971-7026'): Strong blow of air at once. Gas to surface in 25 minutes. Strong blow of gas throughout test. Tool open 3 hours. Circulated out 1500' of heavily oil and gas cut mud. FBHP - 0 psi; 15-minute SIBHP - 425 psi.			
Drill Stem Test No. 4 (7026-7070'): Strong blow of air at once. Gas to surface in 7 minutes. Strong blow of gas for 20 minutes, very weak at end of test. Tool open 2 hours. Circulated out 2300' of clean oil, no water. FBHP beginning 300 psi, ending 750 psi. 15-minute SIBHP - 2500 psi.			
<u>FORMATION TOPS</u>			
<u>FROM LANE WELLS & SCHLUMBERGER SURVEYS</u>			
	Elevation		3572'
	Total Depth		7070'
	Top Anhydrite		1565'
	Top Salt		1640'
	Base Salt		2727'
	Top Yates		2870'
	Top Queens		3860'
	Top San Andres		4290'
	Top Glorieta		5620'
	Top Tubbs		6605'
	Top Drinkard		6976'
<u>FORMATION RECORD</u>			
0	1565'	1565'	Red shale, surface sands.
1565	2870'	1305'	Salt & anhydrite.
2870'	3860'	990'	Shale, dolomite, anhydrite.
3860'	4290'	430'	Anhydrite, dolomite.
4290'	5620'	1330'	Dolomite.
5620'	6605'	985'	Sand, dolomite.
6605'	6976'	371'	Lime, sandy lime.
6976'	7070'	94'	Lime.