

N.

Sec. 35

#2

o

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.

Skelly Oil Company

(Company or Operator)

State "NM"

(Lease)

Well No. 2, in SE $\frac{1}{4}$ of SE $\frac{1}{4}$ of Sec. 35, T. 16S, R. 36E, NMPM.
Lovington-Abo Pool, Lea County.

Well is 990' feet from South line and 330' feet from East line
of Section 35. If State Land the Oil and Gas Lease No. is _____

Drilling Commenced Nov. 9, 19 52 Drilling was Completed Dec. 23, 19 52

Name of Drilling Contractor Sharp Drilling Company

Address Midland, Texas

Elevation above sea level at Top of Tubing Head 8302' DF 3859 The information given is to be kept confidential until
Not confidential, 19 _____

OIL SANDS OR ZONES

No. 1, from 8314' to 8458' 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"	44.5#	New	221'				
8-5/8"	32#	New	3273'	Float			
5-1/2"	15 1/2 & 17#	New	8455'	Float		8314-70', 8394-8400' & 8406-58'	

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
18"	13-3/8"	240'	240	Halliburton		
11"	8-5/8"	3291'	1300	Halliburton		
7-7/8"	5-1/2"	8471'	900	Halliburton		

RECORD OF PRODUCTION AND STIMULATION

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

Acidized through 5-1/2" OD Casing Perforations 8314-8458' with 500 Gals. Mud Acid and 1500 Gals. Regular Acid.

Result of Production Stimulation Well flowed 12 hours through 3/4" choke 272.86 Bbls. oil after acid treatment. No test taken prior to acid treatment.

Depth Cleaned Out _____

ID OF DRILL-STEM AND SPECIAL TEST

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

TOOLS USED FOR DRILL STEM TEST SEE SHEET ATTACHED

Rotary tools were used from 0' feet to 8471' feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing December 29, 1952

OIL WELL: The production during the first 24 hours was 545.72 barrels of liquid of which 100 % was oil; % was emulsion; % water; and % was sediment. A.P.I. Gravity 39.9° Corrected

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.	2156'		T. Devonian		T. Ojo Alamo
T. Salt	2388'		T. Silurian		T. Kirtland-Fruitland
B. Salt	3289'		T. Montoya		T. Farmington
T. Yates	3098'		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	4665'		T. Granite		T. Dakota
T. Glorieta	6020'		T.		T. Morrison
T. Drinkard			T.		T. Penn.
T. Tubbs	7567'		T.		
T. Abo	8210'		T.		
T. Penn.			T.		
T. Miss.			T.		

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0'	1791'	1791'	Red bed & caliche				
1791	2156	365	Red bed, sand & gyp				
2156	3289	1133	Anhydrite & salt				
3289	3350	61	Anhydrite & lime				
3350	8471	5121	Lime				

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 Skelly Oil Company Hobbs, New Mexico Dec. 30, 1952
Name J. J. Murphy Address Box #38 - Hobbs, New Mexico
Position or Title Dist. Supt.

December 30, 1952
Hobbs , New Mexico

SEE FORM C-105 ATTACHED

STATE "S" LEASE WELL NO. 2 - Owned and operated by Skelly Oil Company

REPORT OF DRILL STEM TEST

D.S.T. No. 1 - 6110-6290':

5/8" bottom, 1" top chokes, 4½" Drill Pipe.

Tool open 4 hours.

Weak blow of gas to surface in 30 minutes and increased to fair blow and continued throughout test.

Circulated recovery of 10 Bbls. of O&GCM out of 4½" drill pipe, estimated 8% oil. No free oil or water.

Hyd. pressure in and out 3125#, F.P. 135-335#.

30-Minutes buildup 2050#

D.S.T. No. 2 - 8288-8471':

5/8" bottom, 1" top chokes, 4½" drill pipe

Tool open 6 hours.

Gas to surface in 27 minutes, fluid to surface in 3 hours and 45 minutes, oil to tank in 4 hours.

Flowed 2 hours 18 Bbls. oil.

Reversed 55 Bbls. clean oil out of 4½" OD drill pipe.

IFP 185#, FFP 2170#, H.P. in 4205#, out 4175#. GOR 403/1

30-Minute buildup 2935#. Corrected Gravity 39.6 Deg.

No show of water on top of tool.

SEE FORM 0-105 ATTACHED

NOTE: THIS CASE WILL NO. 2 - OILS ARE OPERATED BY KELLY OIL COMPANY

RECORD OF WELL TEST

F.S.T. No. 1 - 6110-6200:
1/8" bottom, 1" top choke, 4 1/2" drill pipe.
To open 4 hours.
Well flow of gas to surface in 30 minutes and increased to fair flow and
continued throughout test.
Estimated recovery of 10 bbls. of oil out of 4 1/2" drill pipe, estimated
24 hrs. No free oil or water.
Well pressure in and out 3125, F.P. 105-3325.
30-40 minutes building 2000

F.S.T. No. 2 - 5288-6471:
1/8" bottom, 1" top choke, 4 1/2" drill pipe.
To open 6 hours.
Well flow of gas in 25 minutes, fluid to surface in 3 hours and 45 minutes.
Estimated recovery of 10 bbls. of oil out of 4 1/2" drill pipe.
Estimated recovery of 10 bbls. of oil out of 4 1/2" drill pipe.
Well pressure in and out 3125, F.P. 105-3325.
30-40 minutes building 2000