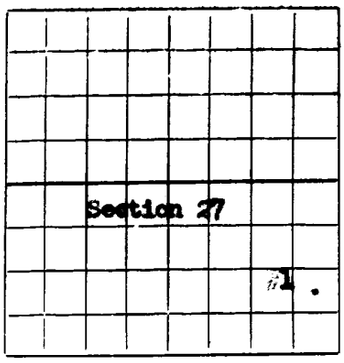
N.



AREA 640 ACRES
LOCATE WELL CORRECTLY

(Revised 7/1/52)
(Form C-105)

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) M.A. Foster (Lease)

Well No. 1, in SE ¼ of SE ¼, of Sec. 27, T. 12S, R. 37E, NMPM.

Undesignated Pool, Lea County.

Well is 990 feet from South line and 330 feet from East line of Section 27. If State Land the Oil and Gas Lease No. is .....

Drilling Commenced May 10, 19 57. Drilling was Completed July 3, 19 57.

Name of Drilling Contractor J.C. Crain Drilling Company

Address 528 Wilson Building, Dallas, Texas

Elevation above sea level at Top of Tubing Head 3899' DF. The information given is to be kept confidential until Not Confidential, 19.....

OIL SANDS OR ZONES

No. 1, from 9587' to 9669' 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	355	Float		None	Surface
9-5/8"	36# & 40#	New	4502	Float		None	Intermediate
5-1/2"	17#	New	9710	Float		9587-97' & 9638-69'	Production

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"	355	360	Halliburton		
12-1/4"	9-5/8"	4502	2200	Halliburton		
7-7/8"	5-1/2"	9710	500	Halliburton		

RECORD OF PRODUCTION AND STIMULATION

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

Acidized perforations 9638-9669' with 2500 gallons of acid in 2 stages. Acidized perforations 9587-9597' with 600 gallons acid.

Result of Production Stimulation Well pumped 70 barrels of oil and 194 barrels of water in 24 hours.

..... Depth Cleaned Out .....

R' RD 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

Rotary tools were used from 0 feet to 9784 feet, and from ..... feet to ..... feet.

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

PRODUCTION

Put to Producing August 2, 19 57

OIL WELL: The production during the first 24 hours was 26.4 barrels of liquid of which 26.5 % was was oil; ..... % was emulsion; 73.5 % water; and ..... % was sediment. A.P.I. Gravity 41.6

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	2243'	T. Devonian		T. Ojo Alamo	
T. Salt	2317'	T. Silurian		T. Kirtland-Fruitland	
B. Salt	2957'	T. Montoya		T. Farmington	
T. Yates	3058'	T. Simpson		T. Pictured Cliffs	
T. 7 Rivers	3185'	T. McKee		T. Menefee	
T. Queen	3808'	T. Ellenburger		T. Point Lookout	
T. Grayburg		T. Gr. Wash		T. Mancos	
T. San Andres	4426'	T. Granite		T. Dakota	
T. Glorieta	5913'	T.		T. Morrison	
T. Drinkard		T.		T. Penn	
T. Tubbs	7195'	T.		T.	
T. Abo	7870'	T.		T.	
T. Wolfcamp	9258'	T.		T.	
T. Miss		T.		T.	

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation

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 7, 1957
(Date)

Company or Operator Skelly Oil Company

Address Box 38, Hobbs, New Mexico

Name [signature]

Position or Title Dist. Supt.

DRILL STEM TEST NO. 1 - 5145'-5260':
1" THC, 5/8" BHC, Tool open 3 hours with weak blow of air throughout test. Recovered 20' of drilling mud and 120' of slightly salty water, slightly gas cut. No show of oil. H.P. in 2240#, out 2255#, I.F.P. 75#, F.F.P. 115#, 20-minute buildup 445#.

DRILL STEM TEST NO. 2 - 9586'-9621':
1" THC, 5/8" BHC, 3½" OD drill pipe, tool open 3 hours, gas to surface in 5 minutes, continued as good blow for 1 hour then weakened and continued as a light blow throughout test. Reversed out 5 barrels heavy gas-cut and slightly oil-cut mud, estimated to be 5% oil, 21 barrels clean oil and 5 barrels salt water. Pulled 3½" OD drill pipe and recovered 3' of salt water and 27' of clean oil below circulating sub. H.P. in 4570#, out 4560#, I.F.P. 360#, F.F.P. 2060#. 20-minute buildup 3480#. (Corrected gravity of oil 41.6 °).

DRILL STEM TEST NO. 3 - 9609'-9621':
1" THC, 5/8" BHC, tool open 3 hours, fair blow of gas to surface in 2 hours that gradually weakened to a very light blow at end of test. Pulled 3½" OD drill pipe. Recovered 273' of fluid, first 61' was 50% oil and 50% mud. Next 91' was 55% oil and 45% mud. Next 91' was 50% oil and 50% salt water. Bottom 30' was 5% oil and 95% salt water. H.P. in 4680#, out 4590#, I.F.P. 50#, F.F.P. 1740#, 20-minute buildup 1740#.

DRILL STEM TEST NO. 4 - 9637'-9690':
Attempted drill stem test 9637'-9690' and both packers failed.

DRILL STEM TEST NO. 5 - 9641'-9690':
Used triple packers and set at 9626', 9635' and 9641', 1" THC, 5/8" BHC, 3½" OD drill pipe. Tool open 4 hours, gas to surface in 5 minutes, continued as good blow throughout test. Reversed out 6 barrels heavily gas-cut and slightly oil cut drilling mud estimated 8% oil, and 11 barrels clean oil, no water. H.P. in & out 4735#. I.F.P. 140#, F.F.P. 1180#, 20-minute buildup 2415#.

DRILL STEM TEST NO. 6 - 9713'-9750':
1" THC, 5/8" BHC, tool open 3 hours with very weak blow of air for 20 minutes and died. Pulled 3½" OD drill pipe and recovered 25' of drilling mud. No show of oil, gas or water. H.P. in 4690#, out 4640#. I.F.P. 65#, F.F.P. 65#, 20-minute buildup 65#.

DRILL STEM TEST NO. 7 - 9749'-9784':
1" THC, 5/8" BHC, 3½" OD drill pipe, tool open 4 hours, gas to surface in 15 minutes, continued as good blow for 2 hours then gradually weakened to a light blow at end of test. Reversed out 1 barrel gas-cut mud slightly oil cut, and 17 barrels salt water. H.P. in 4840#, out 4760#, I.F.P. 90#, F.F.P. 1080#, 20-minute buildup 1370#.