

Section 31

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.

AREA 640 ACRES
LOCATE WELL CORRECTLY

Skelly Oil Company
(Company or Operator)

State NON
.....
(Lease)

Well No. 22, in NW ¼ of NE ¼, of Sec. 31, T. 16 South, R. 37 East, NMPM.
Lovington Paddock Pool, Lea County.

Well is 660 feet from North line and 2440 feet from East line
of Section 31. If State Land the Oil and Gas Lease No. is B-7896

Drilling Commenced August 11, 1954 Drilling was Completed September 9, 1954

Name of Drilling Contractor.....**Makin Drilling Company**.....

Address Hobbs, New Mexico

Elevation above sea level at Top of Tubing Head.....**3828' DF**..... The information given is to be kept confidential until
Not confidential....., 19.....

OIL SANDS OR ZONES

No. 1, from 6105' to 6260' 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
# 5/8"	24 & 32#	New	3202'	Float			Surface
5 1/2"	14 & 15.5#	New	6090'	Float			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
11"	8 5/8"	3219'	1500	Halliburton		
7 7/8"	5 1/2"	6105'	300	Halliburton		

RECORD OF PRODUCTION AND STIMULATION

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

Acidized open hole section 6105-6260' with 10,000 gallons acid in 3 stages

Result of Production Stimulation After acid treatments well produced 113 barrels oil thru open
2" tubing.

...Depth Cleaned Out.....

WORD OF DRILL-STEM AND SPECIAL

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 6260 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing September 13, 1954

OIL WELL: The production during the first 24 hours was 113 barrels of liquid of which 100% was oil; % was emulsion; % water; and % was sediment. A.P.I. Gravity 34.6

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. 2045'	T. Devonian	T. Ojo Alamo
T. Salt. 2185'	T. Silurian	T. Kirtland-Fruitland
B. Salt. 3004'	T. Montoya	T. Farmington
T. Yates. 3127'	T. Simpson	T. Pictured Cliffs
T. 7 Rivers	T. McKee	T. Menefee
T. Queen. 3970'	T. Ellenburger	T. Point Lookout
T. Grayburg	T. Gr. Wash	T. Mancos
T. San Andres. 4696'	T. Granite	T. Dakota
T. Glorieta. 6062'	T.	T. Morrison
T. Drinkard	T.	T. Penn.
T. Tubbs	T.	T.
T. Abo	T.	T.
T. Penn	T.	T.
T. Miss	T.	T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	2045	2045	Red bed & sand				
2045	2185	140	Anhydrite				
2185	3004	819	Anhydrite & salt				
3004	3220	216	Anhydrite, sand & lime				
3220	6260	3040	Lime				
D.S.T. - 6094-6260'							
Tool open 5 hours with very weak flow of air that increased slightly during test. No gas to surface. Pulled 4 1/2" drill pipe and recovered 4400' of gas in pipe, 200' of drilling mud, 160' of O&GCM estimated 20% oil and 5 gallons of free oil, no water. H.P. in and out 3300#. IVP 80#, FFP 100#, 15 min. B.U. 300#.							

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.

September 16, 1954 (Date)

Company as Operator SKELLY OIL COMPANY

Address Box 38, Hobbs, New Mexico

Name J. J. Gulevich

Position or Title District Supt.