

74

Sec. 18

AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

DUPLICATE

WELL RECORD

ON COMMISSION
CO
D
OIL CONSERVATION COMMISSION
HOBBS OFFICE
to which Form C-101 was sent not

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)

Mexico "R" Lao.

(Lease)

Well No. 4, in NW 1/4 of NW 1/4, of Sec. 18, T. 14S, R. 37E, NMPM.

Hidson Pennsylvanian Pool, **Lea** County.

Well is 640 feet from West line and 660 feet from East line
of Section 18. If State Land the Oil and Gas Lease No. is ?

Drilling Commenced **July 2,**, 19**53** Drilling was Completed **Aug. 25,**, 19**53**

Name of Drilling Contractor.....**Sharp Drilling Co.**.....

Address..... **Midland, Texas**

Elevation above sea level at Top of Tubing Head..... **4058' DF** The information given is to be kept confidential until
Not Confidential....., 19.....

OIL SANDS OR ZONES

No. 1, from **10,727'** to **10,739'** 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	338'				Surface
9-5/8"	36 & 40#	New	4667'	Float			Salt
5-1/2"	17 & 20#	New	10,741'	"		10,727-10,739'	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"	354'	354	Halliburton		
12-1/4"	9-5/8"	4682'	2750	"		
7-7/8"	5-1/2"	10,755'	600	"		

RECORD OF PRODUCTION AND STIMULATION

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

Acidize ed thru 5-1/2" OD casing perforations 10,727-10,739' with 1500 Gals. acid.

Result of Production Stimulation. After acid treatment well flowed 10 Hrs. 91.07 Bbls. oil thru 30/64" and 35/64" chokes. No test taken prior to acid treatment.

...Depth Cleaned Out.....

I ORD OF DRILL-STEM AND SPECIAL TE
FOR DRILL STEM TEST SEE SHEET ATTACHED
 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 10,755' feet, and from... feet to... feet.
 Cable tools were used from... feet to... feet, and from... feet to... feet.

PRODUCTION

Put to Producing Sept. 5, 1953

OIL WELL: The production during the first 24 hours was 220.06 barrels of liquid of which 100% was oil; % was emulsion; % water; and % was sediment. A.P.I. Gravity. 40 Deg.

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.	1765'			T. Devonian			T. Ojo Alamo
T. Salt	1870'			T. Silurian			T. Kirtland-Fruitland
B. Salt	2847'			T. Montoya			T. Farmington
T. Yates	2970'			T. Simpson			T. Pictured Cliffs
T. 7 Rivers				T. McKee			T. Menefee
T. Queen	3832'			T. Ellenburger			T. Point Lookout
T. Grayburg				T. Gr. Wash			T. Mancos
T. San Andres	4520'			T. Granite			T. Dakota
T. Glorieta	6165'			T. Clear Fork	6740'		T. Morrison
T. Drinkard				T. Wolf Camp	9718'		T. Penn.
T. Tubbs	7345'			T.			T.
T. Abo	8125'			T.			T.
T. Penn.	10,643'			T.			T.
T. Miss				T.			T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0'	1765'	1765'	Red bed, sand & caliche				
1765	1870	105	Red bed & anhydrite				
1870	2847	977	Anhydrite, gyp & salt				
2847	4258	1411	Anhydrite gyp & sand				
4258	10406	6148	Lime				
10406	10629	223	Lime & shale				
10629	10755	126	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.

Hobbs, New Mexico Sept. 8, 1953
 Company or Operator Skelly Oil Co. Address. 21 Box 38 - Hobbs, New Mexico
 Name. J. H. Skelly Position or Title. Dist. Supt.

Hobbs, New Mex 100
Sept. 8, 1953

SEE FORM C-105 ATTACHED

MEXICO "R" LEASE WELL NO. 4 - Owned & Operated By Skelly Oil Company

LOCATED IN THE NW/4 NW/4 SECTION 18-16S-35E, LEA COUNTY, NEW MEXICO

REPORT OF DRILL STEM TEST

D.S.T. No. 1 - 10,600-10,629':

1" top, 1" bottom chokes, 3 $\frac{1}{2}$ " drill pipe, 1500' water blanket.

Tool open 4 hours with very slight blow of air that died within one minute. No gas or fluid to surface. Pulled drill pipe and recovered 1500' water blanket and 30' of drilling mud. No shows of oil, gas or water. H.P. in and out 5200#, F.P. initial and final 750#. 20-Min buildup 850#.

D.S.T. No. 2 - 10,700-10,740':

1" top, 1" bottom chokes, 3 $\frac{1}{2}$ " drill pipe, 1422' water blanket.

Tool open 6 hours with good blow of air. Gas to surface in 48 Mins. and continued as good blow throughout remainder of test. No fluid to surface. Reversed out water blanket, 2 Bbls. O&GCM Est. 5% oil, and 10 Bbls. of clean oil. Pulled drill pipe and recovered 30' clean oil below T&C valve. No show of water. H.P. in & out 5060#, FP 715-1150#. 20-Min. buildup 3560#.

D.S.T. No. 3 - 10,700-10,755':

1" top, 1" bottom chokes, 3 $\frac{1}{2}$ " drill pipe, 1390' water blanket.

Tool open 6 hours with strong blow of air immediately. Gas to surface in 50 Mins. and continued as strong blow during remainder of test. No fluid to surface. Pulled drill pipe and recovered water blanket, 340' of O&GCM Est. 40% oil, and 1900' of clean oil. No show of water. API Corrected Gravity 40.5 Deg. H.P. in 5100#, out 5015#, IFP 605#, FFP 1016#. 20-Min buildup 3590#.

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