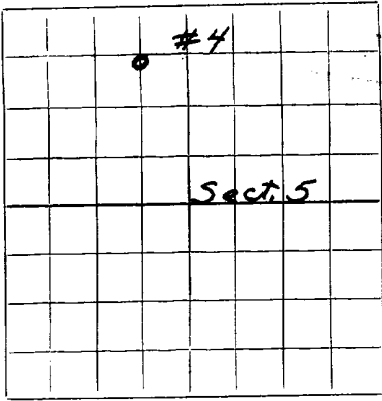


N.



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)

Mexico "L"
(Lease)

Well No. 4, in NE 1/4 of NW 1/4, of Sec. 5, T. 25S, R. 38E, NMPM.

West Dollarhide Pool, Lea County.

Well is 666 feet from North line and 1980 feet from West line of Section 5. If State Land the Oil and Gas Lease No. is.

Drilling Commenced June 24, 1952 Drilling was Completed October 2, 1952

Name of Drilling Contractor J. C. Crain Drilling Company

Address Dallas, Texas

Elevation above sea level at Top of Tubing Head 3146' DF. The information given is to be kept confidential until Not Confidential, 19.

OIL SANDS OR ZONES

No. 1, from 10,150' to 10,182' 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"	54.5#	New	235'	Floa t			
8-5/8"	32#	New & used	3136'	"			
5-1/2"	15 1/2-17 1/2#	New	10,187'	"		10,150-10,182'	

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"	250'	250	Halliburton		
12-1/4"	8-5/8"	3150'	1800	"		
7-7/8"	5-1/2"	10,200'	1370'	"		

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 10,150-10,182' with 500 gallons mud acid and 1000 gallons 15% acid by Dowell Inc.

Result of Production Stimulation Well kicked off and flowed 24 hours 444 Bbls. oil after acid treatment. No test taken prior to acid treatment.

Depth Cleaned Out.

1 **ORD 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 10,200 feet, and from _____ feet to _____ feet.
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

PRODUCTION

Put to Producing October 11, 1952

OIL WELL: The production during the first 24 hours was 444 barrels of liquid of which 100 % was
was oil; _____ % was emulsion; _____ % water; and _____ % was sediment. A.P.I.
Gravity 44.0°

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.	<u>1163'</u>		T. Devonian	<u>7374'</u>	T. Ojo Alamo
T. Salt	<u>1250'</u>		T. Silurian	<u>7564'</u>	T. Kirtland-Fruitland
B. Salt	<u>2495'</u>		T. Montoya	<u>8652'</u>	T. Farmington
T. Yates	<u>2615'</u>		T. Simpson	<u>8964'</u>	T. Pictured Cliffs
T. 7 Rivers			T. McKee	<u>9365'</u>	T. Menefee
T. Queen	<u>3549'</u>		T. Ellenburger	<u>9880'</u>	T. Point Lookout
T. Grayburg			T. Gr. Wash		T. Mancos
T. San Andres	<u>3942'</u>		T. Granite		T. Dakota
T. Glorieta	<u>5058'</u>		T. Fusselman	<u>8294'</u>	T. Morrison
T. Drinkard	<u>6266'</u>		T.		T. Penn
T. Tubbs	<u>5925'</u>		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'	1163'	1163'	Red bed & shells				
1163	1250	87'	Anhydrite				
1250	2495	245	Anhydrite & salt				
2495	2924	429	Anhydrite				
2924	3098	174	Anhydrite & lime				
3098	8436	5338	Lime				
8436	8550	114	Lime & chert				
8550	9009	459	Lime				
9009	9457	448	Lime & shale				
9457	9840	383	Lime shale & sand				
9840	10070	230	Lime & shale				
10070	10105	35	Lime & chert				
10105	10200	95	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 Address Hobbs, New Mexico Oct. 17, 1952
Name [Signature] Position or Title Box #38 - Hobbs, New Mexico (Date)
Dist. Supt.

Hobbs, New Mexico
October 17, 1952

SEE FORM C-105 ATTACHED

MEXICO "L" LEASE WELL NO. 4 - Operated by Skelly Oil Company

REPORT OF DRILL STEM TEST

D.S.T. - 10,095-10,200';

5/8" bottom, 1" top chokes, 3-1/2" Drill Pipe.

Tool open 4 hours.

Gas to surface in 12 minutes.

Mud to surface in 1 hour, 55 minutes.

Oil to tanks in 2 hours and flowed 2 hours 41.51 Bbls. fluid, grind-out
2/10 of 1% drilling fluid.

Pulled 3-1/2" drill pipe and recovered 240' of O&GM.

No show of water.

Corrected gravity 42.1°, GOR 421/1.

Hyd. pressure in 4918#, out 5035#, F.P. 420-2395#.

15-Minute BHBU 3375#.

Hubbs, New Mexico
October 17, 1933

SEE FORM 0-1-32 ATTACHED

WINDING WIRE LOGS WITH NO. 4 - Operated by Shell Oil Company

REPORT OF DRILL STEWART

D.S.T. - 10,000-10,000' :
5/8" bottom, 1" top choke, 3-1/2" drill pipe.
Tool open 1 hour.
Gas to surface in 13 minutes.
Mud to surface in 1 hour, 55 minutes.
Oil to surface in 2 hours and flowed 2 hours 1.51 Bbls. fluid, 2.00-0.00
2/10 of 1/2 drilling fluid.
Lifted 2-1/2" drill pipe and recovered 200' of section.
No show of water.
Corrected gravity 42.1°, GOR 42.1/1.
Test pressure in 4218', out 20324', F.P. 420-23224'.
15-minute burst 23224'.