


AREA 640 ACRES  
LOCATE WELL CORRECTLY

QUINTUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

OFFICE CCC

JULY 19 3:10 PM  
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

Mexico "K"

(Company or Operator)

(Lease)

Well No. 13, in SE 1/4 of NW 1/4, of Sec. 29, T. 24S, R. 38E, NMPM.

Dollarhide Drinkard

Pool, Lea

County.

Well is 1980 feet from Mark North line and 1980 feet from West line

of Section 29. If State Land the Oil and Gas Lease No. is 2.

Drilling Commenced March 25, 1954. Drilling was Completed April 27, 1954.

Name of Drilling Contractor J. C. Crain Drilling Co.

Address Dallas, Texas

Elevation above sea level at Top of Tubing Head 3235' DE. The information given is to be kept confidential until Not confidential, 19.

## OIL SANDS OR ZONES

No. 1, from 6720' to 6760' 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
8-5/8"	24 & 32#	New	3138'	Float			Surface
5-1/2"	15.5#	"	6840'	"		6720-60'	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
1"	8-5/8"	3150'	2000	Halliburton		
7 7/8"	5-1/2"	6850'	450	"		

## RECORD OF PRODUCTION AND STIMULATION

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

Acidized thru Perf's. 6720-6760' with 3500 Gals. acid in 2 stages.

NOTE: Packer set at 6799' to block off open hole section 6850-6970'.

Result of Production Stimulation After acid treatment well flowed 427 Bbls. oil in 24 hours thru 3/4" and 20/64" choke.

Depth Cleaned Out

RECORD OF DRILL-STEM AND SPECIAL TESTS

FOR D.S.T.'S. 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 6970 feet, and from feet to feet.  
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing May 5, 1954  
OIL WELL: The production during the first 24 hours was 427 barrels of liquid of which 100% was oil; % was emulsion; % water; and % was sediment. A.P.I. Gravity 37.0 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.	1260'	T. Devonian	T. Ojo Alamo
T. Salt.	1367'	T. Silurian	T. Kirtland-Fruitland
B. Salt.	2690'	T. Montoya	T. Farmington
T. Yates.	2819'	T. Simpson	T. Pictured Cliffs
T. 7 Rivers.		T. McKee	T. Menefee
T. Queen.	3829'	T. Ellenburger	T. Point Lookout
T. Grayburg	4017'	T. Gr. Wash.	T. Mancos
T. San Andres	4238'	T. Granite	T. Dakota
T. Glorieta	5410'	T.	T. Morrison
T. Drinkard	6688'	T.	T. Penn.
T. Tubbs	6290'	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'	1260'	1260'	Red bed, sand & caliche				
1260	1367	107	Anhydrite				
1367	2690	1323	Anhydrite & salt				
2690	3150	460	Anhydrite, lime & sand				
3150	4110	960	Lime & sand				
4110	6970	2860	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.

May 10, 1954 (Date)  
Company or Operator Skelly Oil Company Address Box 38 - Hobbs, New Mexico  
Name J. T. A. Munday, Jr. Position or Title Dist. Supt.

Bex 38  
Hobbs, New Mexico

SEE FORM C-105 ATTACHED

MEXICO "K" LEASE WELL NO. 13 - OWNED & OPERATED BY SKELLY OIL COMPANY

Located in SE/4 NW/4 Section 29-24S-38E, Lea County, New Mexico

REPORT OF DRILL STEM TEST

D.S.T. No. 1 - 6375-6608';

Tool open 4 hours with weak blow of air that continued as weak blow ~~in~~ throughout test. No gas or fluid to surface. Pulled 3½" drill pipe and recovered 130' of slightly gas-cut drilling mud, no shows of oil or water. H.P. in 2970#, out 2960#, IFP 25#, FFP 55#, 20-Min. buildup 95#.

D.S.T. No. 2 - 6619-6820';

Tool open 4 hours with fair blow of air and continued as fair blow. Gas to surface in 1 hour and 15 minutes and continued as good blow during remainder of test. No fluid to surface. Pulled 3½" drill pipe and recovered 3760' of clean oil, 370' of drilling fluid and 240' of salt water. H.P. in and out 3050#, IFP 90#, FFP 1115#, 20-Min Buildup 2615#.

D.S.T. No. 3 - 6850'- 6970';

Tool open 4 hours with good blow of air and continued as good blow. Gas to surface in 30 minutes and continued as good blow during remainder of test. No fluid to surface. Pulled 3½" drill pipe and recovered 270' of clean oil, 450' of heavily mud & gas cut oil, Est. 70% oil and 30% mud, no water. H.P. in and out 3270#, IFP 120#, FFP 308#, 20-Min. buildup 1725#.

DATE: 10/10/1964

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gates, we find that the  $\beta$ -phase is not observed in the  $\beta$ -phase region.

DATE: 11/11/1964

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