



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) **Christmas** (Lease)  
Well No. **2**, in **SE**  $\frac{1}{4}$  of **SE**  $\frac{1}{4}$ , of Sec. **21**, T. **22S**, R. **36E**, NMPM.  
**South Dunice** Pool, **Lea** County.  
Well is **660** feet from **South** line and **660** feet from **East** line  
of Section **21**. If State Land the Oil and Gas Lease No. is  
Drilling Commenced **May 1**, 19**55** Drilling was Completed **May 18**, 19**55**  
Name of Drilling Contractor **Makin Drilling Company**  
Address **Hobbs, New Mexico**  
Elevation above sea level at Top of Tubing Head **3520' DF** The information given is to be kept confidential until  
**Not Confidential**, 19**55**

OIL SANDS OR ZONES

No. 1, from **3714** to **3796** 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
<b>8-5/8" OD</b>	<b>24#</b>	<b>New</b>	<b>328</b>	<b>Float</b>			<b>Surface</b>
<b>5-1/2" OD</b>	<b>14#</b>	<b>New</b>	<b>3800</b>	<b>"</b>		<b>3714 - 3796'</b>	<b>Production</b>

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
<b>11"</b>	<b>8-5/8"</b>	<b>335'</b>	<b>250</b>	<b>Halliburton</b>		
<b>7-7/8"</b>	<b>5 1/2"</b>	<b>3810'</b>	<b>200</b>	<b>"</b>		

RECORD OF PRODUCTION AND STIMULATION

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

**Fractured thru perforation s 3714-3796' with 10,000 gallons by Dowell's Sandoil Process.**  
  
  
  
  
Result of Production Stimulation **After Fracture Treatment well flowed 325 Bbls. oil in 24 hrs. thru 3/4" choke. T.P. 75#. Gas tested 468 MCF. Corrected Gravity 37.3**  
  
Depth Cleaned Out

**RECORD OF DRILL-STEM AND SPECIAL TESTS**

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 3810 feet, and from                      feet to                      feet.  
 Cable tools were used from                      feet to                      feet, and from                      feet to                      feet.

**PRODUCTION**

Put to Producing May 18, 19 55  
 OIL WELL: The production during the first 24 hours was 349 barrels of liquid of which 93 was oil;                      % was emulsion; 7% Salt water water; and                      % was sediment. A.P.I. Gravity 37.3 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 1407'	T. Devonian	T. Ojo Alamo	
T. Salt 1583'	T. Silurian	T. Kirtland-Fruitland	
B. Salt 2995'	T. Montoya	T. Farmington	
T. Yates 3176'	T. Simpson	T. Pictured Cliffs	
T. 7 Rivers 3384'	T. McKee	T. Menefee	
T. Queen 3770'	T. Ellenburger	T. Point Lookout	
T. Grayburg	T. Gr. Wash	T. Mancos	
T. San Andres	T. Granite	T. Dakota	
T. Glorieta	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'	1407'	1407'	Red bed & rock				
1407'	1583'	176'	Anhydrite				
1583'	2995'	1412'	Anhydrite & Salt				
2995'	3176'	181'	Anhydrite, lime & sand				
3176'	3384'	208'	Lime & sand				
3384'	3770'	386'	Lime & sand				
3770'	3810'	40'	Lime & sand				
DRILL STEM TEST- 3680-3810'							
Tool open 4 Hrs. Light blow of gas to surface in 2½ hours. No fluid to surface. Pulled 4" OD drill pipe and recovered 450' of slightly O&GCM, est. 5% oil. No show of formation water. F.P. 55-220#, 20 minute SIHP 300#. H.P. in 2090# out 2065#.							

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 20, 1955 (Date)  
 Company or Operator Skelly Oil Company Address Box 38 - Hobbs, New Mexico  
 Name J. J. Timmons Position or Title Dist. Supt.