

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 Regulations of the Commission. Submit in QUINTUPLICATE.

HOBBES OFFICE

Skelly Oil Company

(Company or Operator)

Mexico "J"

(Lease)

Well No. **5**, in **NW** 1/4 of **SW** 1/4, of Sec. **32**, T. **24S**, R. **38E**, NMPM.**West Dallartide (Fusselman)**Pool, **Lea**

County.

Well is **1980** feet from **South** line and **660** feet from **West** lineof Section **32**. If State Land the Oil and Gas Lease No. isDrilling Commenced **May 23,** 19**52** Drilling was Completed **July 7,** 19**52**Name of Drilling Contractor **Howard P. Holmes Drilling Company**Address **Dallas, Texas**Elevation above sea level at Top of Tubing Head **3157' DF** The information given is to be kept confidential until **Not Confidential**, 19

OIL SANDS OR ZONES

| | |
|--|--|
| No. 1, from 3587' to 3736' | No. 4, from 7585' to 7808' |
| No. 2, from 6402' to 6520' | No. 5, from 8640' to 8745' |
| No. 3, from 6520' to 6720' | No. 6, from |

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

| | |
|-------------|-------|
| No. 1, from | feet. |
| No. 2, from | feet. |
| No. 3, from | feet. |
| No. 4, from | feet. |

ILLEGIBLE

CASING RECORD

| SIZE | WEIGHT PER FOOT | NEW OR USED | AMOUNT | KIND OF SHOE | CUT AND PULLED FROM | PERFORATIONS | PURPOSE |
|---------|-----------------|-------------|--------|--------------|---------------------|--------------|---------|
| 13-3/8" | 368 | New | 236' | Float | | | |
| 9-5/8" | 368 | New | 3138' | Float | | | |
| 5-1/2" | 17615 1/2 | New | 8735' | Float | | 8684-8720' | |

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" | 230' | 290 | Halliburton | | |
| 12-1/4" | 9-5/8" | 3130' | 1800 | Halliburton | | |
| 7-7/8" | 5-1/2" | 8745' | 1296 | Halliburton | | |

RECORD OF PRODUCTION AND STIMULATION

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

Well was treated with 500 Gals. Mud Acid by The Western Company between 8684-8720'.

Result of Production Stimulation **Well flowed 24 hours 1846 Hbls. oil. No test taken prior to Acid Treatment.**

Depth Cleaned Out

RD 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 **874.5'** feet, and from _____ feet to _____ feet.
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

PRODUCTION

Put to Producing **July 15,** 19 **52**

OIL WELL: The production during the first 24 hours was **144.6** barrels of liquid of which **100** % was
was oil; _____ % was emulsion; _____ % water; and _____ % was sediment. A.P.I.
Gravity _____

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. | 1177' | | T. Devonian | 7503' | T. Ojo Alamo |
| T. Salt | 1270' | | T. Silurian | 8608' | T. Kirtland-Fruitland |
| B. Salt | 2662' | | T. Montoya | | T. Farmington |
| T. Yates | | | T. Simpson | | T. Pictured Cliffs |
| T. 7 Rivers | | | T. McKee | | T. Menefee |
| T. Queen | 3582' | | T. Ellenburger | | T. Point Lookout |
| T. Grayburg | | | T. Gr. Wash | | T. Mancos |
| T. San Andres | 3965' | | T. Granite | | T. Dakota |
| T. Glorieta | 5106' | | T. | | T. Morrison |
| T. Drinkard | | | T. | | T. Penn |
| T. Tubbs | | | T. | | T. |
| T. Abo | 6520' | | 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' | 250' | 250 | Caliche & red bed | | | | |
| 250 | 1051 | 801 | Red bed | | | | |
| 1051 | 1270 | 219 | Anhydrite & red bed | | | | |
| 1270 | 2662 | 1392 | Anhydrite & salt | | | | |
| 2662 | 3065 | 403 | Anhydrite | | | | |
| 3065 | 3150 | 85 | Anhydrite & lime | | | | |
| 3150 | 3610 | 460 | Lime | | | | |
| 3610 | 3726 | 116 | Lime & sand | | | | |
| 3726 | 3961 | 235 | Lime | | | | |
| 3961 | 6102 | 2141 | Lime & shale | | | | |
| 6102 | 6616 | 514 | Lime | | | | |
| 6616 | 6870 | 254 | Lime & shale | | | | |
| 6870 | 7747 | 877 | Lime | | | | |
| 7747 | 7844 | 97 | Lime & chert | | | | |
| 7844 | 8031 | 187 | Lime | | | | |
| 8031 | 8465 | 434 | Lime & shale | | | | |
| 8465 | 8745 | 280 | 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 **Shelly Oil Company** Address **Hobbs, New Mexico**
Name **S. J. Shelly** Position or Title **Dist. Supt.**
August 11, 1952 (Date)

P.O. Box #38
Hobbs, New Mexico
August 11, 1952

SEE FORM C-105 ATTACHED

MEXICO "J" LEASE WELL NO. 5 - Owned and Operated by Skelly Oil Co.

REPORT OF DRILL STEM TEST

D.S.T. 8615-8745'

5/8" bottom, 1" top chokes.

Tool open 4 1/2 hours with good blow of air immediately.

Gas to surface in 20 minutes, oil to pits in 40 minutes,
oil to tanks in 45 minutes.

Flowed 3-3/4 hours 243 Bbls. oil.

Hyd. Pressure in & out 4270#, FP 1465-3070#.

CCR 102/1.