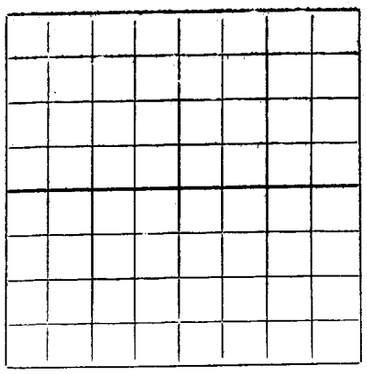
(Revised 7/1/58)
(Form C-105)

N.



AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

RECEIVED
MAR 17 1961
O. C. C.
ARTESIA, OFFICE

# 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.

Donnelly Drilling Company, Inc. (Company or Operator) Flynn Welch & Yates State (Lease)

Well No. 3, in NW ¼ of NE ¼, of Sec. 25, T. 17S, R. 28E, NMPM.

Aid Pool, New Mexico County.

Well is 330' feet from North line and 1650' feet from East line of Section 25. If State Land the Oil and Gas Lease No. is 647

Drilling Commenced January 11, 1961. Drilling was Completed February 2, 1961

Name of Drilling Contractor Donnelly Drilling Company, Inc.

Address P. O. Box 433

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

## OIL SANDS OR ZONES

No. 1, from 845 to 850 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 None 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 | Used | 316 | Tex-Pat. | 316 | | Control Gravel |
| 5 1/2" | 14 | Used | 840 | Tex-Pat | | | Oil String |
| 2" | 4.70 | Used | 838 | | | | |

## MUDDING AND CEMENTING RECORD

| SIZE OF HOLE | SIZE OF CASING | WHERE SET | NO. SACKS OF CEMENT | METHOD USED | MUD GRAVITY | AMOUNT OF MUD USED |
|---|---|---|---|---|---|---|
| 10" | 8 5/8 | 316 | | | | 10 sx. |
| 8" | 5 1/2" | 840 | 125 | Pump | | Circulated |
| | | | | | | |
| | | | | | | |

## RECORD OF PRODUCTION AND STIMULATION

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

Natural Test 845-50 showed 8 gals. per hr. S and fraced March 5, 1961 w/352 bbls. lease oil, 350# adomite and 22,000# 20/40 sand. Maximum treating pressure 1800# w/Minimum of 1000# @ 17 BPM and averaged 1 1/2# sand per gal., maximum of 2# and minimum of 1/2#.

Result of Production Stimulation Frac oil recovered March 14, 1961. Well flowed 35 bbls. in 24 hrs. with test ending March 15, 1961.

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 ..... feet to ..... feet, and from ..... feet to ..... feet.

Cable tools were used from 0 feet to 2222 feet, and from ..... feet to ..... feet.

### PRODUCTION

Put to Producing March 14, 19 61.

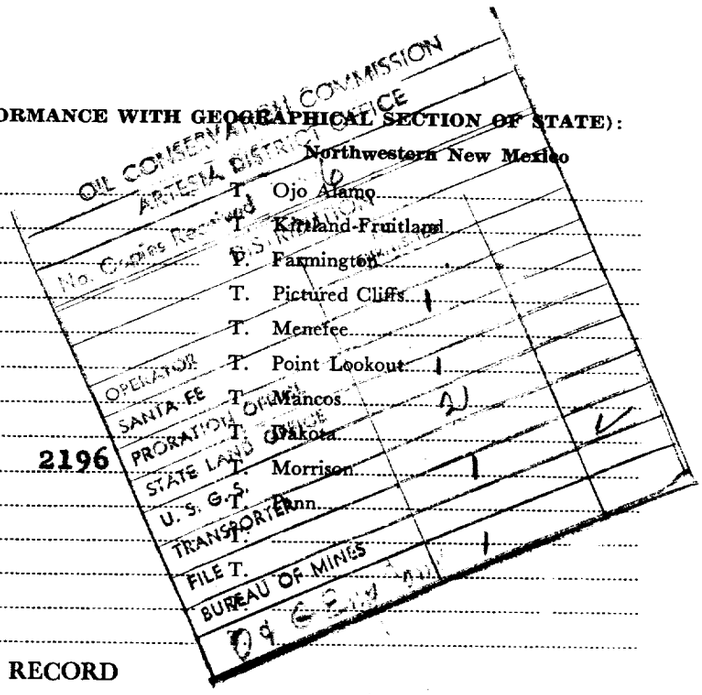
OIL WELL: The production during the first 24 hours was 35 barrels of liquid of which 100 % was was oil; 0 % was emulsion; 0 % water; and 0 % was sediment. A.P.I. Gravity .....

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 | | T. Devonian | T. Ojo Alamo | |
| T. Salt | | T. Silurian | T. Kirtland-Fruitland | |
| B. Salt | | T. Montoya | T. Farmington | |
| T. Yates | 568 | T. Simpson | T. Pictured Cliffs | 1 |
| T. 7 Rivers | 955 | T. McKee | T. Menefee | |
| T. Queen | 1533 | T. Ellenburger | T. Point Lookout | 1 |
| T. Grayburg | 1927 | T. Gr. Wash | T. Mancos | |
| T. San Andres | 2220 | T. Granite | T. Dakota | |
| T. Glorieta | | T. Premier 2196 | 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 |
|---|---|---|---|
| 0 | 10 | 10 | Lime Shells |
| 10 | 80 | 70 | Red Shale |
| 80 | 95 | 15 | Gravel |
| 95 | 260 | 165 | Red Shale |
| 260 | 272 | 12 | Anhydrite |
| 272 | 280 | 8 | Red Shale |
| 280 | 285 | 5 | Gravel |
| 285 | 440 | 155 | Red Shale |
| 440 | 490 | 50 | Broken Anhydrite |
| 490 | 520 | 30 | Salt |
| 520 | 565 | 45 | Anhydrite |
| 565 | 575 | 10 | Anhydrite and Shale |
| 575 | 630 | 55 | Anhydrite & Salt |
| 630 | 698 | 68 | Anhydrite |
| 698 | 819 | 121 | Anhydrite & Red Shale |
| 819 | 845 | 26 | Anhydrite |
| 845 | 850 | 5 | Oil Sand |
| 850 | 990 | 140 | Anhydrite & Red Shale |
| 990 | 1017 | 27 | Anhydrite |
| 1017 | 1075 | 58 | Lime |
| 1075 | 1145 | 70 | Anhydrite |
| 1145 | 1155 | 10 | Anhydrite & Sand |
| 1155 | 1240 | 85 | Anhydrite |
| 1240 | 1470 | 230 | Anhydrite & Shale |
| 1470 | 1510 | 40 | Anhydrite |
| 1510 | 1550 | 40 | Anhydrite & Shale |
| 1550 | 1612 | 62 | Anhydrite |
| 1612 | 1620 | 8 | Anhydrite & Red Sandy Shale |
| 1620 | 1680 | 60 | Anhydrite |
| 1680 | 1705 | 25 | Lime |
| 1705 | 1720 | 15 | Anhydrite & Shale |
| 1720 | 1745 | 25 | Anhydrite |
| 1745 | 1860 | 115 | Anhydrite & Shale |
| 1860 | 1875 | 15 | Lime & Gyp. |
| 1875 | 1895 | 20 | Anhydrite, Shale & Gyp. |
| 1895 | 1930 | 35 | Anhydrite & Shale |
| 1930 | 2134 | 204 | Lime |
| 2134 | 2140 | 6 | Black Lime |
| 2140 | 2157 | 17 | Sand Lime |
| 2157 | 2159 | 2 | Sand |
| 2159 | 2170 | 11 | Lime |
| 2170 | 2188 | 18 | Lime, Gray & Pink |
| 2188 | 2192 | 4 | Lime |
| 2192 | 2202 | 10 | Sand |
| 2202 | 2205 | 3 | Sandy Lime |
| 2205 | 2212 | 7 | Broken Lime |
| 2212 | 2222 | 10 | 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.

March 15, 1961 (Date)

Company or Operator Donnelly Drilling Co., Inc. Address P. O. Box 433

Name M. Donnelly Position or Title Operator