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| LAND OFFICE | | | |
| TRANSPORTER | OIL GAS | | |
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| OPERATOR | | | |

Approved: 7/1/82
Power C-188

[illegible]

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

WELL RECORD

Bar. of mines 1

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** If State Land submit 6 Copies

Jack James T. B. M. Garel
Mask, Jennings, Keohane, & Westall

(joint venture)

State
.....
(Leave)

AREA 640 ACRES
LOCATE WELL CORRECTLY

Well No. 4, in NE $\frac{1}{4}$ of NE $\frac{1}{4}$, of Sec. 2, T. 19-S, R. 31-E, NMPM.

Shugart

Pool.....Eddy

County.

Well is 330 feet from north line and 990 feet from east line
of Section 2. If State Land the Oil and Gas Lease No. is E-6018

Drilling Commenced.....7-28.....1964.....Drilling was Completed.....8-9.....1964.....

Name of Drilling Contractor.....Donnelly Drilling Company

Address.....Box 433, Artesia, New Mexico

Elevation above sea level at Top of Tubing Head..... The information given is to be kept confidential until
..... 19.....

OIL SANDS OR ZONES

No. 1, from 4122' to 4127' No. 4, from OCT 1, 4 1964

No. 2, from to No. 5, from

No. 3, from to No. 6, from

ARTESIA, OFFICE

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# | new | 450' | open | | | Water shut off |
| 5 1/2 | 14# | new | 4150' | float | | 4122-27 | Prod |
| | | | | | | | |
| | | | | | | | |

MUDDING AND CEMENTING RECORD

| SIZE OF HOLE | SIZE OF CASING | WHERE SET | NO. SACKS OF CEMENT | METHOD USED | MUD GRAVITY | AMOUNT OF MUD USED |
|--------------|----------------|-----------|---------------------|-------------|-------------|--------------------|
| 11" | 8 5/8 | 450' | 150 sks | pump | | |
| 7 7/8" | 5 1/2 | 4150' | 250 sks | pump | | |
| | | | | | | |
| | | | | | | |

RECORD OF PRODUCTION AND STIMULATION

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

Sand-frac perforations 4122'-27' with 30,000 gals. and 41,000 lbs.

Result of Production Stimulation..... **Well swabbed load oil back, then swabbed**

aprox. 81 bbls oil, 9 bbls water in 3 days

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 Surf. feet to T.D. feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing, 19
OIL WELL: The production during the first 24 hours was barrels of liquid of which % 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. | 805 (2818) | | T. Devonian. | | T. Ojo Alamo. |
| T. Salt. | 925 (+2698) | | T. Silurian. | | T. Kirtland-Fruitland. |
| B. Salt. | 2354 (+1269) | | T. Montoya. | | T. Farmington. |
| T. Yates. | 2543 (+1080) | | T. Simpson. | | T. Pictured Cliffs. |
| T. 7 Rivers. | | | T. McKee. | | T. Menefee. |
| T. Queen. | 3463 (+160) | | T. Ellenburger. | | T. Point Lookout. |
| T. Penrose | 3703 (-80) | | T. Gr. Wash. | | T. Mancos. |
| T. Grayburg | 4113 (-490) | | T. Granite. | | T. Dakota. |
| T. Premier | | | T. | | T. Morrison. |
| T. San Andres | | | T. | | T. Penn. |
| T. Glorieta. | | | T. | | T. |
| T. Drinkard. | | | T. | | T. |
| 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 |
|------|------|-------------------|---|------|----|-------------------|-----------|
| Surf | 400 | 400 | Unconsolidated sands & gravels | | | | |
| 400 | 805 | 405 | Sands & red beds of "Dockum group" | | | | |
| 805 | 925 | 120 | Rustler anhydrite | | | | |
| 925 | 2354 | 1429 | Salado-salt | | | | |
| 2354 | 2543 | 189 | Tansill (red beds & anhydrite) | | | | |
| 2543 | 3463 | 920 | Yates-Seven Rivers sands, anhydrite, dolomite | | | | |
| 3703 | 4113 | 410 | Penrose & Grayburg sands and dolomite | | | | |
| 4113 | 4150 | 37 | Premier sand | | | | |

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.

October 13, 1964

Company or Operator Mask, Jennings, Keohane & Westall Address Drawer 1477, Roswell, N.M.
Name Jack Mask Position Title oo-owner