



NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

HOBBS OFFICE OCC

WELL RECORD

1959 AUG 31 PM 3:18

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

AREA 640 ACRES
LOCATE WELL CORRECTLY

Neville G. Penrose, Inc.
(Company or Operator)

Cowell
(Lease)

Well No. 3, in SE 1/4 of NW 1/4, of Sec. 20, T. 15S, R. 31E, NMPM.

Caprock Queen

Pool, Chaves

County.

Well is 1650 feet from west line and 2110 feet from north line

of Section 20. If State Land the Oil and Gas Lease No. is B-10419

Drilling Commenced July 29, 1959 Drilling was Completed August 5, 1959

Name of Drilling Contractor Horseshoe Drilling Company

Address Hobbs, New Mexico

Elevation above sea level at Top of Tubing Head 4406 GL The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from 3118' to 3133' 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 |
|--------|-----------------|-------------|--------|--------------|---------------------|--------------|------------|
| 9 5/8" | 32.30 | used | 316 | HOWCO | * | | Surface |
| 5 1/2" | 15.50 | used | 3140 | - | - | 3118-3133 | 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 |
|--------------|----------------|-----------|---------------------|-------------|-------------|--------------------|
| 12 1/2" | 9 5/8" | 316 | cir. | pump | | |
| 7 7/8" | 5 1/2" | 3140 | 140 | pump | | |
| | | | | | | |

RECORD OF PRODUCTION AND STIMULATION

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

Perforated 3118' to 3133' w/ shots per foot, treated with 250 gal. acid., frac with 4000 gal. refined oil, 4000# sand.

Result of Production Stimulation

Depth Cleaned Out

VOORD OF DRILL-STEM AND SPECIAL T 8

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 3140 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing August 25, 19 59

OIL WELL: The production during the first 24 hours was 50 barrels of liquid of which 100 % was
was oil; 0 % was emulsion; 0 % water; and 0 % was sediment. A.P.I.
Gravity 35

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

T. Anhy 1274
T. Salt 1390
B. Salt 2153
T. Yates 2325
T. 7 Rivers
T. Queen 3118
T. Grayburg
T. San Andres
T. Glorieta
T. Drinkard
T. Tubbs
T. Abo
T. Penn
T. Miss

T. Devonian
T. Silurian
T. Montoya
T. Simpson
T. McKee
T. Ellenburger
T. Gr. Wash
T. Granite
T.
T.
T.
T.
T.
T.

Northwestern New Mexico

T. Ojo Alamo
T. Kirtland-Fruitland
T. Farmington
T. Pictured Cliffs
T. Menefee
T. Point Lookout
T. Mancos
T. Dakota
T. Morrison
T. Penn
T.
T.
T.
T.

FORMATION RECORD

| From | To | Thickness in Feet | Formation | From | To | Thickness in Feet | Formation |
|------|------|----------------------|------------------------|------|----|----------------------|-----------|
| 0 | 290 | 270 | shale, sand | | | | |
| 290 | 1274 | 984 | red beds | | | | |
| 1274 | 1390 | 116 | anhydrite | | | | |
| 1390 | 2153 | 763 | salt | | | | |
| 2153 | 2325 | 172 | anhydrite | | | | |
| 2325 | 2465 | 140 | sand, shale | | | | |
| 2465 | 3118 | 653 | anhydrite, salt, shale | | | | |
| 3118 | 3138 | 20 | sand | | | | |
| 3138 | 3140 | 2 | anhydrite | | | | |

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.

Glenn G. Neill 8/31/59
(Date)

Company or Operator Neville G. Penrose, Inc.

Address Box 988, Eunice, New Mexico

Name Glenn G. Neill

Position or Title