



AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

RECEIVED
JAN 24 1961
D. 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 QUINTUPPLICATE. If State Land submit 6 Copies

Graridge Corporation
(Company or Operator)

McNutt State
(Lease)

Well No. 13, in NE 1/4 of SW 1/4, of Sec. 21, T. 18S, R. 28E, NMPM.
Artesia Pool, Eddy County.

Well is 2310 feet from South line and 1650 feet from West line
of Section 21. If State Land the Oil and Gas Lease No. is 647.

Drilling Commenced October 9, 1959. Drilling was Completed November 6, 1960.

Name of Drilling Contractor Kersey & Company

Address 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 - Water Injection Well

No. 1, from to 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 | OUT AND PULLED FROM | PERFORATIONS | PURPOSE |
|--------|-----------------|-------------|--------|--------------|---------------------|--------------|-------------------|
| 8-5/8" | 24# | Used | 556 | Baker | None | None | Surface casing |
| 4-1/2" | 9.5# | New | 2085 | HowCo | None | 2046-66 | Production string |
| | | | | | | | |

MUDDING AND CEMENTING RECORD

| SIZE OF HOLE | SIZE OF CASING | WHERE SET | NO. BAGS OF CEMENT | METHOD USED | MUD GRAVITY | AMOUNT OF MUD USED |
|--------------|----------------|-----------|--------------------|-------------|-------------|--------------------|
| 10" | 8-5/8" | 556 | 150 | Plug | | |
| 7" | 4-1/2" | 2085 | 125 | Plug | | |
| | | | | | | |

RECORD OF PRODUCTION AND STIMULATION

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

Note to OCC: This well was drilled and is to be used as a water injection well
for waterflood operations.

Result of Production Stimulation

Depth Cleaned Out

COPY

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.....2090.....feet, and from.....feet to.....feet.

PRODUCTION

on Water Injection February 27, 19.60
 Put to Producing.....

OIL WELL: The production during the first 24 hours was.....barrels of liquid of which.....% 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

T. Anhy.....
 T. Salt.....
 B. Salt.....
 T. Yates.....
 T. 7 Rivers.....
 T. Queen.....
 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.....

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.....

FORMATION RECORD

| From | To | Thickness in Feet | Formation | From | To | Thickness in Feet | Formation |
|------|------|----------------------|-------------------------|------|----|----------------------|-----------|
| 0 | 250 | | Sand & Shale | | | | |
| 250 | 265 | | Red Bed | | | | |
| 265 | 270 | | Sand & Shale | | | | |
| 270 | 284 | | Lime | | | | |
| 284 | 300 | | Shale & Anhydrite | | | | |
| 300 | 490 | | Shale, Sand & Anhydrite | | | | |
| 490 | 835 | | Anhydrite | | | | |
| 835 | 990 | | Anhydrite & Shale | | | | |
| 990 | 1130 | | Anhydrite | | | | |
| 1130 | 1155 | | Anhydrite & Lime | | | | |
| 1155 | 1225 | | Anhydrite | | | | |
| 1225 | 1250 | | Anhydrite & Lime | | | | |
| 1250 | 1340 | | Anhydrite | | | | |
| 1340 | 1420 | | Anhydrite & Shale | | | | |
| 1420 | 1480 | | Anhydrite | | | | |
| 1480 | 1520 | | Anhydrite & Shale | | | | |
| 1520 | 1600 | | Anhydrite | | | | |
| 1600 | 1620 | | Sand | | | | |
| 1620 | 1905 | | Anhydrite | | | | |
| 1905 | 2060 | | Lime | | | | |
| 2060 | 2065 | | Sand | | | | |
| 2065 | 2090 | | Lime | | | | |

OIL CONSERVATION COMMISSION
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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.

January 21, 1961 (Date)

Company or Operator.....Graridge Corporation.....Address.....P.O. Box 752, Breckenridge, Texas.....
 Name.....Charles W. Smith.....Position.....Production Clerk.....