



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYLand Office HMLease No. 03430Unit RECEIVED

MAR 9 1965

## SUNDRY NOTICES AND REPORTS ON WELLS.

ARTERIA. OFFICE

|                                                |                                            |   |
|------------------------------------------------|--------------------------------------------|---|
| NOTICE OF INTENTION TO DRILL                   | SUBSEQUENT REPORT OF WATER SHUT-OFF        |   |
| NOTICE OF INTENTION TO CHANGE PLANS            | SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING |   |
| NOTICE OF INTENTION TO TEST WATER SHUT-OFF     | SUBSEQUENT REPORT OF ALTERING CASING       | X |
| NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL | SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR |   |
| NOTICE OF INTENTION TO SHOOT OR ACIDIZE        | SUBSEQUENT REPORT OF ABANDONMENT           |   |
| NOTICE OF INTENTION TO PULL OR ALTER CASING    | SUPPLEMENTARY WELL HISTORY                 |   |
| NOTICE OF INTENTION TO ABANDON WELL            |                                            |   |

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

February 16, 1965, 19

Well No. 2 is located 1800 ft. from N line and 83 ft. from W line of sec. 13SW/4 NW/4 13 16S 20E 10-11N  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)Wilcox Edgy New Mexico  
(Field) (County or Subdivision) (State)The elevation of the derrick floor above sea level is Ground level 3582' ft.

## DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudlogging jobs, cementing points, and all other important proposed work)

Fraced with 38,200 gals water and 42,000 lbs 20-40 sand; using 25 ball sealers - all as per accompanying copy of Dowell's Treatment Report of Sept. 29, 1964. Shut well in over night. Opened on 30th and flowed estimated 1-1/2 MMCFD, with show of oil and frac water by slugs. Flowed until next morning (Oct. 1) at which time changed to small choke and died. Started swabbing which stimulated flow, with this process continuing until evening. Left open overnight with making occasional head. Swabbed Casing pr. 270 lbs (1st day's flowing pr. 375 lbs) Swabbed all day of Oct. 2, 3 & 4th. Last day (4th), pressure down to 100 lbs, and swabbed to 250' of bottom. Shut in for abandonment. Estimated recovered 750 bbls of load. Now waiting on casing pullers preparatory to abandoning.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company GORDON M. CONEAddress Box 1148 Lovington, N Mex.By Gordon M Cone

Title \_\_\_\_\_

## TREATMENT REPORT

DWL-494-F PRINTED IN U.S.A.

DOWELL DIVISION OF THE DOW CHEMICAL COMPANY

DATE

SEPTEMBER 29, 1967

WELL NAME AND NUMBER

GIBSON FEDERAL UNIT E No 2

LOCATION

Sec. 13 T16S, R28E

CUSTOMER REPRESENTATIVE

MR. O'DOOR  
MR. WATSON

TREATMENT NUMBER

5-13-2495

POOL

WILDCAT

FORMATION

PREMIER

TUBING

A ☐ B ☒ C ☐

JOB DONE DOWN

CASING

A ☐ B ☒ C ☐

ANNULUS

A ☐ B ☒ C ☐

ALLOWABLE PRESSURE

TBO: 3500

COUNTY

EDDY

STATE

NEW MEXICO

TYPE OF SERVICE

RIVERFRAC

RECEIVED

CUST. NAME

GORDON M. CONN

MAR 9 1965

ADDRESS

P.O. Box 1148  
LOVINGTON, New MexicoO.C.C.  
ARTESIA, OFFICE

CITY AND STATE

REMARKS: RIVERFRAC TO STIMULATE PRODUCTION

FOR CONVERSION PURPOSES 24 BBLs EQUALS 1000 GALLONS

ARRIVED ON LOCATION: 9:00 AM / 2 AS

| TIME      | INJECTION |         | PRESSURE | SERVICE        |             | (C) PROPPING AGENT OR (D) PLUGGING SERVICE |      |       |              |
|-----------|-----------|---------|----------|----------------|-------------|--------------------------------------------|------|-------|--------------|
|           | RATE      | BBLs IN |          | LIQUID (A)     | PURPOSE     | FLA (B) CONC.                              | TYPE | SIZE  | CONC. AMOUNT |
| 10:42     |           |         | 4500     | TEST DOWELL    | CONNECTIONS |                                            |      |       |              |
| 11:53     |           |         | 2150     | PRESSURE TO    | BREAK       |                                            |      |       |              |
| 11:54     | 20        |         | 1750     | FW             | BREAKDOWN   | 0                                          |      |       |              |
| 11:55     |           |         | 1800     | FW             | FRAC        | 0                                          | SAND | 20-40 | 1/2          |
| 11:57     |           |         | 1800     | FW             | FRAC        | 0                                          | SAND | 20-40 | 3/4          |
| 11:59     |           |         | 1800     | FW             | FRAC        | 0                                          | SAND | 20-40 | 1            |
| 12:00 1/2 |           |         | 1800     | FW             | FRAC        | 0                                          | SAND | 20-40 | 1 1/4        |
| 12:08     | 26.4      | 390     | 1700     | FW             | FRAC        | 0                                          | SAND | 20-40 | 1 1/2        |
| 12:09     | 20        |         | 1950     | FW             | PLUG        | 0                                          | NCB  | 7/8   | 20           |
| 10:10 1/2 |           |         | 2000     | FW             | FRAC        | 0                                          | SAND | 20-40 | 1/2          |
| 10:12     |           |         | 2000     | FW             | FRAC        | 0                                          | SAND | 20-40 | 1            |
| 12:13 1/2 | 26.6      | 120     | 2000     | FW             | FRAC        | 0                                          | SAND | 20-40 | 1 1/2        |
| 12:14     | 10        |         | 2000     | FW             | PLUG        | 0                                          | NCB  | 7/8   | 5            |
| 12:15 1/2 |           |         | 2100     | FW             | FRAC        | 0                                          | SAND | 20-40 | 1/2          |
| 12:17 1/2 |           |         | 2100     | FW             | FRAC        | 0                                          | SAND | 20-40 | 1            |
| 12:19 1/2 |           |         | 2150     | FW             | FRAC        | 0                                          | SAND | 20-40 | 1 1/4        |
| 12:21 1/2 | 24.6      | 295     | 2300     | FW             | FRAC        | 0                                          | SAND | 20-40 | 1 1/2        |
| 12:26     | 25.0      | 75      | 2100     | FW             | FRAC        | 0                                          | SAND | 20-40 | 1 1/2        |
| 12:29     | 25.0      | 75      | 2100     | FW - SHUT DOWN | FLASH       | 0                                          |      |       | 42,000       |

| TIME LEFT LOCATION  | AVG. LIQUID INJ. RATE | ADJ. INJ. RATE (SOLIDS INC.) | PROPS AND LIQUIDS INJECTED |                 |        |
|---------------------|-----------------------|------------------------------|----------------------------|-----------------|--------|
| 1:00 PM             | 26.0                  | 26.0                         | TYPE                       | SIZE OR PURPOSE | AMOUNT |
| MAX. PRESSURE       | AVG. PRESSURE         | SHUT IN PRESSURE             |                            |                 |        |
| 2400                | 2050                  | IMMEDIATE 5 MINUTE           |                            |                 |        |
| DOWELL LOCATION     | DOWELL ENGINEER       |                              |                            |                 |        |
| Artesia, New Mexico | Danny Smith           |                              |                            |                 |        |

| (A) NOTE: SEE (AA) FOR SPECIAL ADDITIVES |                       | (AA) ADDITIVES IN FLUID (EXCEPT FLA*)                         |                    | (B) CONC. IS GIVEN IN LBS. OR GALS. PER 1000 GALS. OF LIQUID |  | (C) SIZE IS GIVEN IN MESH RANGE CONC. IS GIVEN IN LBS. PER GALLON OF LIQUID |  | (D) 4                |  |
|------------------------------------------|-----------------------|---------------------------------------------------------------|--------------------|--------------------------------------------------------------|--|-----------------------------------------------------------------------------|--|----------------------|--|
| MA—MUD ACID                              | WF—WATERFRAC          | CONC. IS GIVEN IN LBS. OR GALS. PER 1000 GALS. OF TOTAL GALS. | TYPE TREATED CONC. | 197—DOWELL 197                                               |  | S—SAND                                                                      |  | FF—X630 FIXAFRAC     |  |
| X—HCL ACID                               | M41—M41 GEL           |                                                               |                    | 1101—DOWELL 1101                                             |  | WS—WALNUT SHELLS                                                            |  | K1—X820 GEL          |  |
| APF—ACID PETROFRAC                       | ST—STRATAFRAC         |                                                               |                    | 184—DOWELL 184                                               |  | AL—ALUMINUM                                                                 |  | DO—GELLED OIL        |  |
| FA—FRAC ACID                             | VR—VERSENE            |                                                               |                    | 198—DOWELL 198                                               |  | NY—NYLON                                                                    |  | OW—GELLED WATER      |  |
| BDA—BREAKDOWN ACID                       | SSS—TRIPLE S ACID     |                                                               |                    | 199—DOWELL 199                                               |  |                                                                             |  | RB—RUBBER BALLS      |  |
| LO—LEASE OIL                             | SLW—SLICK WATER       |                                                               |                    |                                                              |  |                                                                             |  | NCB—NYLON CORE GALLS |  |
| RO—REFINED OIL                           | SLO—SLICK OIL         |                                                               |                    |                                                              |  |                                                                             |  | PB—PERMEABLE BALLS   |  |
| DO—DIESEL OIL                            | MUD—DRILLING MUD      |                                                               |                    |                                                              |  |                                                                             |  | MB—MOTH BALLS        |  |
| KE—KEROSENE                              | RX1—RETARDED ACID I   |                                                               |                    |                                                              |  |                                                                             |  | RS—ROCK SALT         |  |
| PJ—PETROJEL                              | RX2—RETARDED ACID II  |                                                               |                    |                                                              |  |                                                                             |  | OS—OYSTER SHELLS     |  |
| PF—PETROFRAC                             | RX3—RETARDED ACID III |                                                               |                    |                                                              |  |                                                                             |  |                      |  |
| FW—FRESH WATER                           |                       |                                                               |                    |                                                              |  |                                                                             |  |                      |  |
| BR—BRINE                                 |                       |                                                               |                    |                                                              |  |                                                                             |  |                      |  |

| CALL BACK | DATE | CUSTOMER REP. CONTACTED | CUSTOMER CONSIDERED | SATISFACTORY | PROD. BEFORE TREATMENT | PROD. AFTER TREATMENT |
|-----------|------|-------------------------|---------------------|--------------|------------------------|-----------------------|
|           |      |                         |                     |              |                        |                       |

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O. C. C.  
ARTESIA, OFFICE