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|                        | GAS | / |
| OPERATOR               |     | / |
| PRODUCTION OFFICE      |     |   |

NEW MEXICO OIL CONSERVATION COMMISSION  
REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-104  
Supersedes Old C-104 and C-1  
Effective 1-1-65

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SEP 29 1978

I.

|                                              |                                                                             |
|----------------------------------------------|-----------------------------------------------------------------------------|
| Operator:<br>Gulf Oil Corporation ✓          |                                                                             |
| Address:<br>Box 670, Hobbs, N.M. 88240       |                                                                             |
| Reason(s) for filing (Check proper box)      |                                                                             |
| New Well <input checked="" type="checkbox"/> | Change In Transporter of:                                                   |
| Recompletion <input type="checkbox"/>        | Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/>               |
| Change In Ownership <input type="checkbox"/> | Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/> |
| Other (Please explain)                       |                                                                             |

If change of ownership give name  
and address of previous owner

O. C. C.  
ARTESIA, OFFICE

II. DESCRIPTION OF WELL AND LEASE

|                               |                 |                                                                          |                                                           |                               |
|-------------------------------|-----------------|--------------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------|
| Lease Name<br>Pacheco Federal | Well No.<br>2   | Pool Name, including formation<br><del>Morrows</del> Angell Ranch Morrow | Kind of Lease<br>State, Federal or Fee<br>Federal NM-4986 | Lease No.                     |
| Location                      |                 |                                                                          |                                                           |                               |
| Unit Letter<br>G              | 1980            | Feet From The<br>north                                                   | Line and<br>1980                                          | Feet From The<br>East<br>west |
| Line of Section<br>1          | Township<br>20S | Range<br>27E                                                             | NMPM,<br>Eddy                                             | County                        |

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

|                                                                                                                          |                                                                                                                  |           |             |             |                                      |                 |
|--------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|-----------|-------------|-------------|--------------------------------------|-----------------|
| Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input checked="" type="checkbox"/>         | Address (Give address to which approved copy of this form is to be sent)<br>P. O. Box 3119, Midland, Texas 79701 |           |             |             |                                      |                 |
| Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/> | Address (Give address to which approved copy of this form is to be sent)<br>P. O. Box 1384, Jal, N.M. 88252      |           |             |             |                                      |                 |
| If well produces oil or liquids,<br>give location of tanks.                                                              | Unit<br>G                                                                                                        | Sec.<br>1 | Twp.<br>20S | Rge.<br>27E | Is gas actually connected?<br>No yes | When<br>9-19-78 |

If this production is commingled with that from any other lease or pool, give commingling order number:

IV. COMPLETION DATA

|                                                |                                       |                           |          |                         |          |                       |           |             |              |
|------------------------------------------------|---------------------------------------|---------------------------|----------|-------------------------|----------|-----------------------|-----------|-------------|--------------|
| Designate Type of Completion - (X)             |                                       | Oil Well                  | Gas Well | New Well                | Workover | Deepen                | Plug Back | Same Res'v. | Diff. Res'v. |
|                                                |                                       |                           | X        | X                       |          |                       |           |             |              |
| Date Spudded<br>4-30-78                        | Date Compl. Ready to Prod.<br>4-19-78 | Total Depth<br>11,150'    |          | P.B.T.D.<br>11,122'     |          |                       |           |             |              |
| Elevations (DF, RAB, RT, GR, etc.)<br>3380' GL | Name of Producing Formation<br>Morrow | Top XX Gas Pay<br>10,960' |          | Tubing Depth<br>10,845' |          |                       |           |             |              |
| Perforations<br>10,960-10,966'                 |                                       |                           |          | Depth Casing Shoe       |          |                       |           |             |              |
| TUBING, CASING, AND CEMENTING RECORD           |                                       |                           |          |                         |          |                       |           |             |              |
| HOLE SIZE                                      |                                       | CASING & TUBING SIZE      |          | DEPTH SET               |          | SACKS CEMENT          |           |             |              |
| 17-1/2"                                        |                                       | 13-3/8" 48#               |          | 442'                    |          | 425 sx - circulated   |           |             |              |
| 12-1/4"                                        |                                       | 8-5/8" 32 & 24#           |          | 3,000'                  |          | 1000 sx - circulated  |           |             |              |
| 7-7/8"                                         |                                       | 5-1/2" 17#                |          | 11,150'                 |          | 6.80 sx TSITOC @ 8200 |           |             |              |
|                                                |                                       | 2-3/8" 4.70#              |          | 10,845'                 |          |                       |           |             |              |

V. TEST DATA AND REQUEST FOR ALLOWABLE  
OIL WELL

(Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

|                                 |                 |                                               |            |
|---------------------------------|-----------------|-----------------------------------------------|------------|
| Date First New Oil Run To Tanks | Date of Test    | Producing Method (Flow, pump, gas lift, etc.) |            |
| Length of Test                  | Tubing Pressure | Casing Pressure                               | Choke Size |
| Actual Prod. During Test        | Oil - Bbls.     | Water - Bbls.                                 | Gas - MCF  |

GAS WELL

|                                   |                           |                                 |                             |
|-----------------------------------|---------------------------|---------------------------------|-----------------------------|
| Actual Prod. Test - MCF/D<br>1503 | Length of Test<br>4 hrs   | Bbls. Condensate/MMCF<br>4 bbls | Gravity of Condensate<br>54 |
| Testing Rate (Flow, back prod)    | Tubing Pressure (Shut-in) | Casing Pressure (Shut-in)       | Choke Size                  |
| Back Pressure                     | 2975#                     | 0#                              | Adjustable                  |

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

OIL CONSERVATION COMMISSION

APPROVED OCT 10 1978, 19  
BY N. A. Gussett  
TITLE SUPERVISOR, DISTRICT II

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviated tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for allowable on new and recompleted wells.

Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.

Separate Forms C-104 must be filed for each pool in multiple completed wells.

Area Engineer

9-28-78

(Date)

OIL CONSERVATION COMMISSION

P. O. DRAWER DD

ARTESIA, NEW MEXICO 88210

RECEIVED

OCT 10 1978

O. C. C.  
ARTESIA OFFICE

NOTICE OF GAS CONNECTION

DATE October 5, 1978

This is to notify the Oil Conservation Commission that connection for the purchase of gas from the Gulf Oil Corp. (4720),

Pacheco Fed., #2 G, 1-20-27

LEASE

WELL & UNIT

S.T.R.

Angell Ranch Morrow,

El Paso Natural Gas Co.

POOL

NAME OF PURCHASER

was made on 9/19/78,

25868

SITE CODE

El Paso Natural Gas Co.

PURCHASER

Travis B. Elliott

REPRESENTATIVE

Gas Production Status Analyst

TITLE

TRE:bl

cc: Operator

Oil Conservation Commission - Santa Fe

H. P. Logan

T. J. Crutchfield

Proration

File

Earl Smith