

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

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SEP 08 '87

O. C. D.
ARTESIA, OFFICE

Form C-104
Revised 10-01-78
Format 06-01-83
Page 1

REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I. Operator Phillips Petroleum Company

Address 4001 Penbrook St., Odessa, Texas 79762

Reason(s) for filing (Check proper box)

| | | | |
|--|---|-------------------------------------|----------------------------------|
| <input checked="" type="checkbox"/> New Well | Change in Transporter of: | <input type="checkbox"/> Oil | <input type="checkbox"/> Dry Gas |
| <input type="checkbox"/> Recompletion | <input type="checkbox"/> Casinghead Gas | <input type="checkbox"/> Condensate | |
| <input type="checkbox"/> Change in Ownership | | | |

Other (Please explain)

If change of ownership give name and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

| | | | | |
|----------------------------------|-----------------------|--|--|-------------------------------|
| Lease Name <u>Burch-C Fed</u> | Well No. <u>45</u> | Pool Name, including Formation <u>Grayburg Jackson-7R-Q-GB-SA</u> | Kind of Lease <u>State, Federal or Fee</u> <u>Federal</u> | Lease No. <u>LC-028793</u> |
| Location | | | | |
| Unit Letter <u>C</u> | <u>330'</u> | Feet From The <u>North</u> | Line and <u>2580'</u> | Feet From The <u>West</u> |
| Line of Section <u>23</u> | Township <u>17-S</u> | Range <u>29-E</u> | <u>NMPM</u> | Eddy County |

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

| | |
|--|---|
| Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/> <u>Navajo Refining Company-Pipeline Division</u> | Address (Give address to which approved copy of this form is to be sent) <u>P.O. Box 159, Artesia, NM 88210</u> |
| Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/> <u>Phillips 66 Natural Gas Company</u> | Address (Give address to which approved copy of this form is to be sent) <u>4001 Penbrook St., Odessa, Texas 79762</u> |
| If well produces oil or liquids, give location of tanks. | Unit Sec. Twp. Rge. Is gas actually connected? When |
| | <u>G 23 17-S 29-E Yes 7-17-87</u> |

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

NOTE: Complete Parts IV and V on reverse side if necessary.

VI. CERTIFICATE OF COMPLIANCE

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

W.J. Mueller

(Signature)

Eng. Supervisor, Reservoir

(Title)

8/31/87

(Date)

OIL CONSERVATION DIVISION

SEP 10 1987

APPROVED _____, 19

BY Les A. Clements

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 deviation 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 multiply completed wells.

| Designate Type of Completion - (X) | | Oil Well | Gas Well | New Well | Workover | Deepen | Plug Back | Some Res'v. | Full Res'v. |
|--|---------------------------------------|--|----------|----------------------|--------------------------|--------|----------------------------|-----------------------|-------------|
| | | XX | | XX | | | | | |
| Date Spudded 3/5/87 | Date Compl. Ready to Prod. 7/17/87 | | | Total Depth 4600' | | | P.B.T.D. 3929' | | |
| Elevations (DF, RKB, RT, GK, etc.) 3600'GL, 3609' RKB | | Name of Producing Formation Grayburg-San Andres | | | Top Oil/Gas Pay 2310' | | | Tubing Depth 3500' | |
| Perforations 2310'-3451' | | | | | | | Depth Casing Shoe 4600' | | |

TUBING, CASING, AND CEMENTING RECORD

| HOLE SIZE | CASING & TUBING SIZE | DEPTH SET | SACKS CEMENT |
|-----------|----------------------|-----------|-------------------|
| 12-1/4" | 8-5/8" | 350' | 350 sk Class "C" |
| 7-7/8" | 5-1/2" | 4600' | 1200 sk Class "C" |
| | 2 3/8 | 3500 | |

V. TEST DATA AND REQUEST FOR ALLOWABLE (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 7/17/87 | Date of Test 8/19/87 | Producing Method (Flow, pump, gas lift, etc.) Pumping | | |
| Length of Test 24 hrs. | Tubing Pressure | Casing Pressure | Choke Size | |
| Actual Prod. During Test | Oil - Bbls. 4 | Water - Bbls. 21 | Gas - MCF 33 | |

GAS WELL

| | | | |
|----------------------------------|---------------------------|---------------------------|-----------------------|
| Actual Prod. Test - MCF/D | Length of Test | Bbls. Condensate/MMCF | Gravity of Condensate |
| Testing Method (pilot, back pr.) | Tubing Pressure (Shut-in) | Casing Pressure (Shut-in) | Choke Size |