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| TRANSPORTER | OIL | / |
| | GAS | / |
| OPERATOR | | / |
| PRORATION 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-105
Effective 1-1-65

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MAR - 1 1978

O. C. C.
ARTESIA, OFFICE

I. Operator
Hanagan Petroleum Corporation ✓
Address
P.O. Box 1737, Roswell, New Mexico 88201

Other (Please explain)

Reason(s) for filing (Check proper box)
New Well ☒
Recompletion ☐
Change in Ownership ☐

Change in Transporter of:

Oil ☐ Dry Gas ☐
Casinghead Gas ☐ Condensate ☐

If change of ownership give name
and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

| | | | | |
|---------------------------|----------|--|-------------------------------|-------------------|
| Lease Name | Well No. | Pool Name, Including Formation | Kind of Lease | Lease No. |
| North Horseshoe Bend Com. | 1 | Undesignated - Strawn | State, Federal or Fee Federal | NM1089 |
| Location | | | | |
| Unit Letter | B | 660 Feet From The North Line and 1980 Feet From The East | | |
| Line of Section | 22 | Township 23 South | Range 25 East | NMPM, 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) | | | | | |
| Navajo Crude Oil Purchasing Company | P.O. Box 175, Artesia, New Mexico 88210 | | | | | |
| 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) | | | | | |
| Transwestern Pipeline Company | P.O. Box 2521, Houston, Texas 77001 | | | | | |
| If well produces oil or liquids, give location of tanks. | Unit | Sec. | Twp. | Rge. | Is gas actually connected? | When |
| | B | 22 | 23S | 25E | Yes | 3-29-78 |

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'tv. | Diff. Res'tv. |
| | | X | X | | | | | |
| Date Spudded | Date Compl. Ready to Prod. | Total Depth | P.B.T.D. | | | | | |
| 8/13/77 | 12/10/77 | 11,500' | 10,858' | | | | | |
| Elevations (DF, RKB, RT, GR, etc.) | Name of Producing Formation | Top Oil/Gas Pay | Tubing Depth | | | | | |
| 3857 GR, 3873 KB | Strawn | 9714 | 9599 | | | | | |
| Perforations | Depth Casing Shoe | | | | | | | |
| 9714 - 22 (5), 9926-46 (11), 10009-13 (3), 10050-70 (11) | 11500 | | | | | | | |
| TUBING, CASING, AND CEMENTING RECORD | | | | | | | | |
| HOLE SIZE | CASING & TUBING SIZE | DEPTH SET | SACKS CEMENT | | | | | |
| 20 | 16" | 150 | 105 SX + 3 yds. | | | | | |
| 14 3/4" & 12 1/4" | 9 5/8" | 2395 | 1415 SX. | | | | | |
| 8 1/2" & 7 7/8" | 5 1/2" | 11500 | 925 SX. | | | | | |
| | 2 7/8" | 9599 | | | | | | |

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 | Length of Test | Bbls. Condensate/MMCF | Gravity of Condensate |
| CAOF 4186 | 4 hrs. | | |
| Testing Method (pitot, back pr.) | Tubing Pressure (Shut-in) | Casing Pressure (Shut-in) | Choke Size |
| Positive choke | 3101.5 | Packer | Varies |

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.

Hugh E. Hanagan
(Signature)
Vice-President
(Title)
2/28/78
(Date)

OIL CONSERVATION COMMISSION

APPROVED APR - 4 1978, 19
BY H. A. Gressett
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.