

|                  |                |
|------------------|----------------|
| DISTRIBUTION     |                |
| SANTA FE         | 1              |
| FILE             | 1              |
| U.S.G.S.         |                |
| LAND OFFICE      |                |
| TRANSPORTER      | OIL 1<br>GAS 1 |
| OPERATOR         | 1              |
| PROBATION OFFICE |                |

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

Form C-104  
Supersedes Old C-101 and C-1  
Effective 1-1-65

RECEIVED

MAR 23 1979

|          |                             |                             |
|----------|-----------------------------|-----------------------------|
| Operator | Yates Petroleum Corporation | O. C. C.<br>ARTESIA, OFFICE |
|----------|-----------------------------|-----------------------------|

|         |                                          |
|---------|------------------------------------------|
| Address | 207 South 4th Street - Artesia, NM 88210 |
|---------|------------------------------------------|

|                                                       |                                                                 |
|-------------------------------------------------------|-----------------------------------------------------------------|
| Reason(s) for filing (Check proper box)               | Other (Please explain)                                          |
| New Well <input type="checkbox"/>                     | Downhole Commingling approved by NMOCC Order R-5882, Case #6384 |
| Recompletion <input type="checkbox"/>                 |                                                                 |
| Change in Ownership <input type="checkbox"/>          |                                                                 |
| Change in Transporter of Oil <input type="checkbox"/> |                                                                 |
| Oil <input type="checkbox"/>                          |                                                                 |
| Casinghead Gas <input type="checkbox"/>               |                                                                 |
| Dry Gas <input type="checkbox"/>                      |                                                                 |
| Condensate <input type="checkbox"/>                   |                                                                 |

|                                                                |                                                  |
|----------------------------------------------------------------|--------------------------------------------------|
| If change of ownership give name and address of previous owner | Revised from Permo Penn - Gas 81% Condensate 96% |
|                                                                | Permo New Atoka " 19% " 4%                       |

|                                |                           |
|--------------------------------|---------------------------|
| DESCRIPTION OF WELL AND LEASE  |                           |
| Lease Name                     | Federal AB                |
| Well No.                       | 5                         |
| Pool Name, including Formation | Und Atoka + Permo + Atoka |
| Kind of Lease                  | NM0487738                 |
| State, Federal or Fee          | Fed                       |
| Lease No.                      |                           |
| Location                       |                           |
| Unit Letter                    | L                         |
| 1980 Feet From The             | South                     |
| Line and                       | 660                       |
| Feet From The                  | West                      |
| Line of Section                | 21                        |
| Township                       | 18S                       |
| Range                          | 25E                       |
| NMPM,                          | Eddy                      |
| County                         |                           |

|                                                                                                                          |                                                                          |
|--------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|
| 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                                                                                      | No. Freeman Ave.-Artesia, NM 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) |
| El Paso Natural Pipeline Company                                                                                         | P. O. Box 1384 Jal, NM 88252                                             |
| If well produces oil or liquids, give location of tanks.                                                                 | Unit Sec. Twp. Rge.                                                      |
|                                                                                                                          | L 21 18S 25E                                                             |
| Is gas actually connected?                                                                                               | When                                                                     |
| Yes                                                                                                                      | 2-22-79                                                                  |

|                                                                                                         |            |
|---------------------------------------------------------------------------------------------------------|------------|
| If this production is commingled with that from any other lease or pool, give commingling order number: | DHC-R-5882 |
|---------------------------------------------------------------------------------------------------------|------------|

|                                                               |                                                                               |
|---------------------------------------------------------------|-------------------------------------------------------------------------------|
| COMPLETION DATA                                               |                                                                               |
| Designate Type of Completion - (X)                            | Oil Well Gas Well New Well Workover Deepen Plug Back Same Res't. Diff. Res't. |
|                                                               | X X X                                                                         |
| Date Spudded                                                  | Date Compl. Ready to Prod.                                                    |
| 3-11-78                                                       | 2-12-79                                                                       |
| Total Depth                                                   | P.B.T.D.                                                                      |
| 8894'                                                         | 8497'                                                                         |
| Elevations (DF, RKB, RT, GR, etc.)                            | Name of Producing Formation                                                   |
| 3561' GR                                                      | Cisco, Canyon, Atoka                                                          |
| Top Oil/Gas Pay                                               | Tubing Depth                                                                  |
| 6528                                                          | 6489'                                                                         |
| Perforations                                                  | Atoka                                                                         |
| 6528-6568; 7029-7038 (Cisco); 7464-7474' (Canyon); 8430-8436' | Depth Casing Shoe                                                             |
|                                                               | 8806'                                                                         |
| TUBING, CASING, AND CEMENTING RECORD                          |                                                                               |
| HOLE SIZE                                                     | CASING & TUBING SIZE                                                          |
| 17 1/2"                                                       | 13-3/8"                                                                       |
| 12 1/4"                                                       | 8-5/8"                                                                        |
| 7-7/8"                                                        | 4 1/2"                                                                        |
|                                                               | 2-3/8"                                                                        |
| DEPTH SET                                                     | SACKS CEMENT                                                                  |
| 335'                                                          | 520                                                                           |
| 1100'                                                         | 1040                                                                          |
| 8806'                                                         | 490                                                                           |
| 6489'                                                         |                                                                               |

|                                                                                                                                                                                            |                 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| 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            |
| 516                              | 24                        |
| Bbls. Condensate/MMCF            | Gravity of Condensate     |
|                                  |                           |
| Testing Method (pilot, back pr.) | Tubing Pressure (Shut-in) |
| Back Pressure                    | 1650#                     |
| Casing Pressure (Shut-in)        | Choke Size                |
| Pkr                              | 1/2"                      |

|                                                                                                                                                                                                              |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| 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. |  |
| Christine Tomlinson-Geol. Secty                                                                                                                                                                              |  |
| (Signature)                                                                                                                                                                                                  |  |
| Christine Tomlinson-Geol. Secty                                                                                                                                                                              |  |
| (Title)                                                                                                                                                                                                      |  |
| 3-22-79                                                                                                                                                                                                      |  |
| (Date)                                                                                                                                                                                                       |  |
| OIL CONSERVATION COMMISSION                                                                                                                                                                                  |  |
| JUN 13 1979                                                                                                                                                                                                  |  |
| APPROVED                                                                                                                                                                                                     |  |
| BY W. 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 completion 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                                                                        |  |