

## OIL CONSERVATION DIVISION

P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

RECEIVED

JAN 19 '88

REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

|                        |                                     |
|------------------------|-------------------------------------|
| NO. OF COPIES REQUIRED |                                     |
| DISTRIBUTION           |                                     |
| STATE                  | <input checked="" type="checkbox"/> |
| FED.                   | <input checked="" type="checkbox"/> |
| U.S.D.                 | <input checked="" type="checkbox"/> |
| LAND OFFICE            | <input checked="" type="checkbox"/> |
| TRANSPORTER            | <input checked="" type="checkbox"/> |
| OPERATOR               | <input checked="" type="checkbox"/> |
| PRODUCTION OFFICE      | <input checked="" type="checkbox"/> |

Yates Petroleum Corporation ✓

O. C. D.  
ARTESIA OFFICE

Address

105 South 4th St., Artesia, NM 88210

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"/> |
| Change in Ownership | <input type="checkbox"/>            | Casinghead Gas            | <input type="checkbox"/> |
|                     |                                     | Dry Gas                   | <input type="checkbox"/> |
|                     |                                     | Condensate                | <input type="checkbox"/> |

Other (Please explain)

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.           |
| Long Arroyo WH Federal | 1        | Wildcat Springer known Atoka                            | NM-18612              |                     |
| Location               |          |                                                         | State, Federal or Fee |                     |
| Unit Letter            | M        | 660 Feet From The South Line and 660 Feet From The West | Federal               |                     |
| Line of Section        | 11       | Township 14S                                            | Range 27E             | NMPM, Chaves 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 Refining Co.                                                                                                      | Box 159, 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) |
| Yates Petroleum Corporation                                                                                              | 105 South 4th St., Artesia, NM 88210                                     |
| If well produces oil or liquids, give location of tanks.                                                                 | Unit Sec. Twp. Rge. Is gas actually connected? When                      |
|                                                                                                                          | M 11 14s 27e Yes 1-15-88                                                 |

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 <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> New Well <input checked="" type="checkbox"/> Workover <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Same Res't. <input type="checkbox"/> Diff. Res't. <input type="checkbox"/> |                 |                   |
| Date Spudded                              | Date Compl. Ready to Prod.                                                                                                                                                                                                                                                                                  | Total Depth     | P.B.T.D.          |
| 3-6-83                                    | 5-27-83                                                                                                                                                                                                                                                                                                     | 8060'           | 7977'             |
| Elevations (D.F., R.K.H., RT., GR., etc.) | Name of Producing Formation                                                                                                                                                                                                                                                                                 | Top Oil/Gas Pay | Tubing Depth      |
| 3463' GR                                  | Atoka-Morrow                                                                                                                                                                                                                                                                                                | 7489'           | 7451'             |
| Perforations                              |                                                                                                                                                                                                                                                                                                             |                 | Depth Casing Shoe |
| 7489-95; 7595-7611' 7651-59' Atoka-Morrow |                                                                                                                                                                                                                                                                                                             |                 | 8060'             |

## TUBING, CASING, AND CEMENTING RECORD

| HOLE SIZE | CASING & TUBING SIZE | DEPTH SET | SACKS CEMENT |
|-----------|----------------------|-----------|--------------|
| 17-1/2"   | 13-3/8"              | 300'      | 300          |
| 11"       | 8-5/8"               | 1445'     | 925          |
| 7-7/8"    | 4-1/2"               | 8060'     | 950          |
|           | 2-3/8"               | 7451'     |              |

## 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)

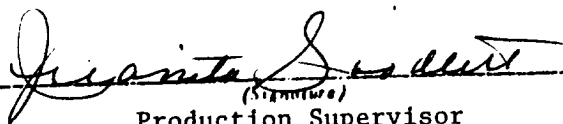
|                                 |                 |                                               |            |
|---------------------------------|-----------------|-----------------------------------------------|------------|
| Date First New Oil Run To Tanks | Date of Test    | Producing Method (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 |
| 1200                             | 4 hrs                     | -                         | -                     |
| Testing Method (pilot, back pr.) | Tubing Pressure (shut-in) | Casing Pressure (shut-in) | Choke Size            |
| Back Pressure                    | 340                       | PKR                       | 3/8"                  |

## 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 above is true and complete to the best of my knowledge and belief.



Production Supervisor

1-15-88

(Date)

## OIL CONSERVATION DIVISION

JAN 19 1988

APPROVED

BY Original Signed By

Mike Williams

TITLE Oil &amp; Gas Inspector

This form is to be filed in compliance with RULE 100.

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 Form C-104 must be filed for each pool in multiple well.