

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		7. If Unit or CA Agreement, Name and No.
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		8. Lease Name and Well No. HICKORY AVE FEDERAL 4 12365
2. Name of Operator YATES PETROLEUM CORPORATION Contact: ROBERT ASHER E-Mail: basher@ypcnm.com		9. APL Well No. 50-015-32665
3a. Address 105 S 4TH STREET ARTESIA, NM 88210 25575	3b. Phone No. (include area code) Ph: 505.748.4364 Fx: 505.748.4572	10. Field and Pool, or Exploratory INDIAN BASIN UPPER PENN ASSOC
4. Location of Well (Report location clearly and in accordance with any State Requirements.) At surface NWNE 930FNL 1650FEL At proposed prod. zone NWNE 930FNL 1650FEL		11. Sec., T., R., M., or Blk. and Survey or Area Sec 17 T22S R24E Mer NMP
14. Distance in miles and direction from nearest town or post office* APPROX. 32 MILES NW OF CARLSBAD, NM		12. County or Parish EDDY
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 930		13. State NM
16. No. of Acres in Lease		17. Spacing Unit dedicated to this well 320.00
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft.		20. BLM/BIA Bond No. on file
19. Proposed Depth 8600 MD		23. Estimated duration 28 DAYS
21. Elevations (Show whether DF, KB, RT, GL, etc.) 4087 GL		22. Approximate date work will start

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- Well plat certified by a registered surveyor.
- A Drilling Plan.
- A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
- Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- Operator certification
- Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature (Electronic Submission)	Name (Printed/Typed) CY COWAN Ph: 505.748.4372	Date 01/21/2003
Title REGULATORY AGENT		
Approved by (Signature) /s/ Mary J. Rugwell	Name (Printed/Typed) /s/ Mary J. Rugwell	Date FEB 27 2003
Title for FIELD MANAGER	Office CARLSBAD FIELD OFFICE	

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.  
Conditions of approval, if any, are attached.

APPROVAL FOR 1 YEAR

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Additional Operator Remarks (see next page)

Electronic Submission #17828 verified by the BLM Well Information System  
For YATES PETROLEUM CORPORATION, sent to the Carlsbad  
Committed to AFMSS for processing by Linda Askwig on 01/21/2003 (021A0318AE)

Carlsbad Controlled Water Basin

APPROVAL SUBJECT TO  
GENERAL REQUIREMENTS AND  
SPECIAL STIPULATIONS  
ATTACHED

\*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\*

## District I

1625 N. French Dr., Hobbs, NM 88240

## District II

811 South First, Artesia, NM 88210

## District III

1000 Rio Brazos Rd., Aztec, NM 87410

## District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources DepartmentOIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505Form C-102  
Revised August 15, 2000Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number <b>30-</b>	<sup>2</sup> Pool Code	<sup>3</sup> Pool Name <b>Indian Basin Upper Penn</b>
<sup>4</sup> Property Code	<sup>5</sup> Property Name <b>HICKORY ALV FEDERAL</b>	<sup>6</sup> Well Number <b>4</b>
<sup>7</sup> OGRID No. <b>025575</b>	<sup>8</sup> Operator Name <b>Yates Petroleum Corporation</b>	<sup>9</sup> Elevation <b>4087'</b>

<sup>10</sup> Surface Location

UL or lot no. <b>B</b>	Section <b>17</b>	Township <b>22S</b>	Range <b>24E</b>	Lot Ida	Feet from the <b>930</b>	North/South line <b>North</b>	Feet from the <b>1650</b>	East/West line <b>East</b>	County <b>Eddy</b>
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<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
<sup>12</sup> Dedicated Acres <b>320</b>	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A  
NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<sup>16</sup>	<sup>17</sup> OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature: <i>Cy Cowan</i> Printed Name: <b>Cy Cowan</b> Title: <b>Regulatory Agent</b> Date: <b>1/16/2003</b>			
	<sup>18</sup> SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. REFER TO ORIGINAL PLAT Date of Survey: Signature and Seal of Professional Surveyor:			
	Certificate Number:			

UNITED STATES  
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FORM APPROVED  
OMB NO. 1004-0135  
Expires: November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM78215
2. Name of Operator YATES PETROLEUM CORPORATION		6. If Indian, Allottee or Tribe Name
Contact: ROBERT ASHER E-Mail: basher@ypcnm.com		7. If Unit or CA/Agreement, Name and/or No.
3a. Address 105 S 4TH STREET ARTESIA, NM 88210	3b. Phone No. (include area code) Ph: 505.748.4364 Fx: 505.748.4572	8. Well Name and No. HICKORY ALV FEDERAL 4
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 17 T22S R24E NWNE 930FNL 1650FEL		9. API Well No.
		10. Field and Pool, or Exploratory INDIAN BASIN UPPER PENN ASSOC
		11. County or Parish, and State EDDY COUNTY, NM

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Yates Petroleum Corporation wishes to change the captioned well's name to the Hickory ALV Federal #4 from the Hickory AVL Federal #4.

Thank you.

14. I hereby certify that the foregoing is true and correct. <b>Electronic Submission #18211 verified by the BLM Well Information System For YATES PETROLEUM CORPORATION, sent to the Carlsbad Committed to AFMSS for processing by Linda Askwig on 02/03/2003 (03LA0282SE)</b>	
Name (Printed/Typed) CY COWAN	Title REGULATORY AGENT
Signature (Electronic Submission)	Date 02/03/2003

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By LES BABYAK	Title PETROLEUM ENGINEER	Date 02/04/2003
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		
Office Carlsbad		

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

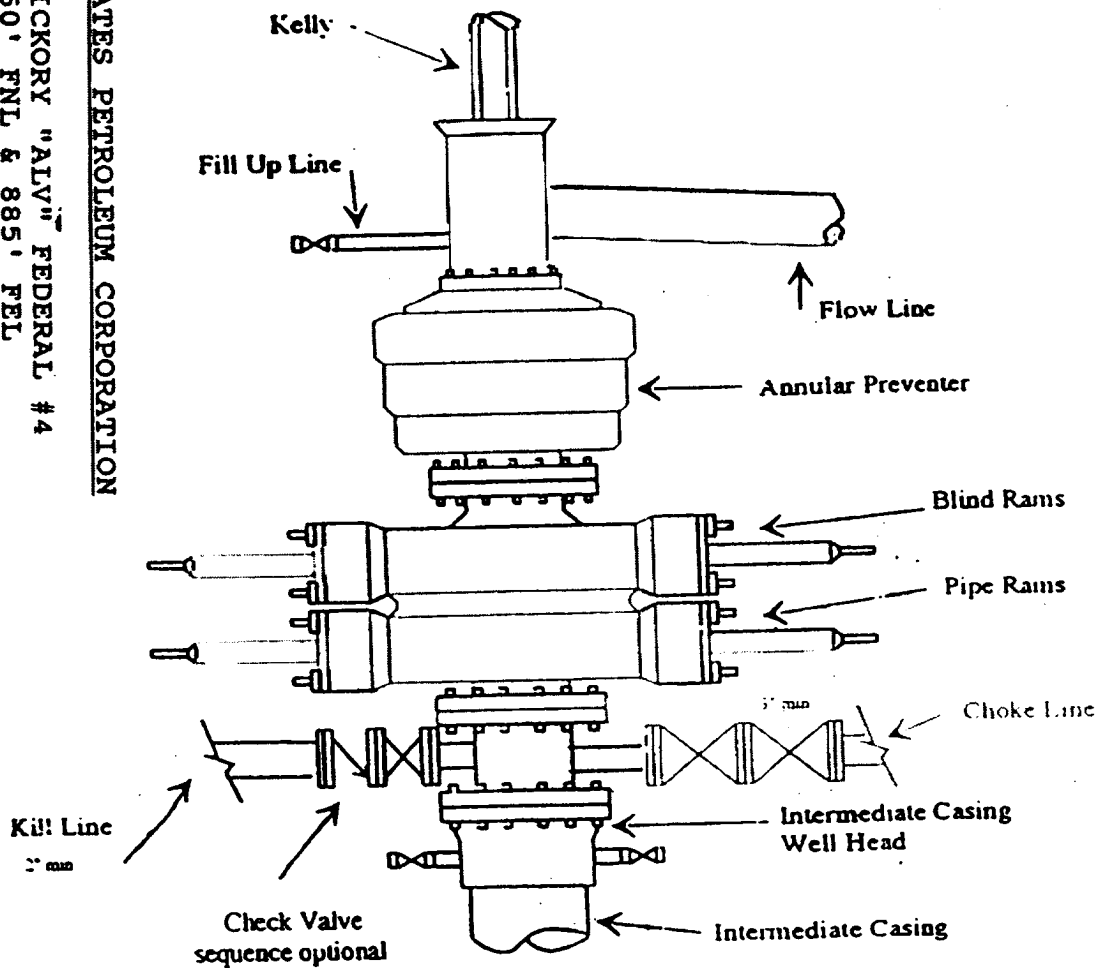
**\*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\***

**Yates Petroleum Corporation**  
**Typical 3,000 psi Pressure System**  
**Schematic**  
**Annular with Double Ram Preventer Stack**



**BOP DIAGRAM**  
**EXHIBIT B**

**YATES PETROLEUM CORPORATION**  
**HICKORY "ALV" FEDERAL #4**  
**760' FNL & 885' FEL**  
**Section 17-T22S-R24E**  
**Eddy County, New Mexico**



Typical 3,000 psi choke manifold assembly with at least these minimum features

