

NSL-915.A

March 12, 1998

Rec: 3-6-98

Susp: 3-26-98

Released: 3-26-98

**ARCO Permian  
P. O. Box 1610  
Midland, Texas 79702-1610**

**Attention: Elizabeth A. Casbeer**

***Administrative Order NSL-915-A***

Dear Ms. Casbeer:

Reference is made to your application dated March 5, 1998 for an unorthodox oil well location in both the Artesia Queen-Grayburg-San Andres Pool and Yeso formation for ARCO Permian's existing Washington "33" State Well No. 13 (API No. 30-015-22524), located 1610 feet from the North line and 250 feet from the East line (Unit H) of Section 33, Township 17 South, Range 28 East, NMPM, Eddy County, New Mexico. The SE/4 NE/4 of said Section 33 is to be dedicated to said well in order to form a standard 40-acre oil spacing and proration unit in oil producing formations.

Division records indicate that said well was drilled in 1978 as the Empire Abo Unit "F" Well No. 321 to a total depth of 6,210 feet and was completed within the Empire-Abo Pool at an unorthodox oil well location approved by Division Administrative Order NSL-915, dated January 16, 1978.

It is our understanding that the Abo interval will be properly plugged back and the Queen, Grayburg, San Andres, and Yeso intervals up-hole will be tested.

The application has been duly filed under the provisions of Rule 104.F of the General Rules and Regulations of the New Mexico Oil Conservation Division.

By the authority granted me under the provisions of Division General Rule 104.F(2), the above-described unorthodox oil well location for both the Artesia Queen-Grayburg-San Andres Pool and Yeso formation is hereby approved.

That portion of said original Administrative Order NSL-915 approving the unorthodox Empire-Abo oil well location for the Empire Abo Unit "F" Well No. 321 shall be placed in abeyance until further notice.

Sincerely,

Lori Wrotenbery  
Director

LW/MES/kv

cc: New Mexico Oil Conservation Division - Artesia  
New Mexico State Land Office - Santa Fe  
File: NSL-915



**ARCO Permian**  
600 North Marienfeld  
Midland TX 79701-4373  
Post Office Box 1610  
Midland TX 79702-1610  
Telephone 915 688 5570

**Elizabeth A. Casbeer**  
Regulatory/Compliance Analyst

March 5, 1998

**CERTIFIED RETURN RECEIPT MAIL**

**Lauretta Phillips**  
715 N. Maple Drive  
Beverly Hills, California 90210

Dear Ms. Phillips:

This letter will serve as notice that ARCO Permian has requested administrative approval from the NMOCD for an unorthodox location for Washington "33" State #13 under Rule 104.F. (3), due to recompletion of a previously-drilled well to a deeper horizon. The well will be plugged back from the Empire (Abo) Field, to a Wildcat (Yeso), or to the Artesia (Queen-Grayburg-San Andres) Field. The location for this well, formerly known as EAU #F321, is 1610 FNL and 250 FEL of Section 33, T17S R28E, Eddy Co, NM. This well was drilled at an approved unorthodox location for the original horizon.

Should your company have any objection, it must be filed in writing within twenty (20) days from the date of this notice. The Division Director may approve the unorthodox location if no objection to the unorthodox location has been made within 20 days after the application has been received.

Sincerely,

Elizabeth A. Casbeer  
Regulatory/Compliance Analyst

EAC:lc

Enclosures

District I  
PO Box 1980, Hobbs, NM 88241-1980  
District II  
811 S. 1st Street, Artesia, NM 88210-2834  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

Instructions on back  
Submit to Appropriate District Office  
State Lease - 6 Copies  
Fee Lease - 5 Copies

AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

|  |                            |                           |
|--|----------------------------|---------------------------|
| <sup>1</sup> Operator name and Address             |                            | <sup>2</sup> OGRID Number |
| ARCO PERMIAN<br>P.O. BOX 1610<br>MIDLAND, TX 79702 |                            | 000990                    |
|  |                            | <sup>3</sup> API Number   |
| <sup>4</sup> Property Code                         | <sup>5</sup> Property Name | <sup>6</sup> Well No.     |
|  | WASHINGTON "33" STATE      | 13                        |

<sup>7</sup> Surface Location

| UL or lot no. | Section | Township | Range | Lot. Idn | Feet from the | North/South Line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|----------|---------------|------------------|---------------|----------------|--------|
| H             | 33      | 17S      | 28E   |          | 1610          | NORTH            | 250           | EAST           | EDDY   |

<sup>8</sup> Proposed Bottom Hole Location If Different From Surface

| UL or lot no.                | Section | Township | Range | Lot. Idn | Feet from the                 | North/South Line | Feet from the | East/West line | County |
|------------------------------|---------|----------|-------|----------|-------------------------------|------------------|---------------|----------------|--------|
| <sup>9</sup> Proposed Pool 1 |         |          |       |          | <sup>10</sup> Proposed Pool 2 |                  |               |                |        |
| WILDCAT (YESO)               |         |          |       |          | ARTESIA (Q-G-SA)              |                  |               |                |        |

|                              |                              |                            |                               |                                      |
|------------------------------|------------------------------|----------------------------|-------------------------------|--------------------------------------|
| <sup>11</sup> Work Type Code | <sup>12</sup> Well Type Code | <sup>13</sup> Cable/Rotary | <sup>14</sup> Lease Type Code | <sup>15</sup> Ground Level Elevation |
| R                            | 0                            | R                          | S                             | 3674                                 |
| <sup>16</sup> Multiple       | <sup>17</sup> Proposed Depth | <sup>18</sup> Formation    | <sup>19</sup> Contractor      | <sup>20</sup> Spud Date              |
| NO                           | 4400                         | YESO                       |                               | 4/98                                 |

<sup>21</sup> Proposed Casing and Cement Program

| Hole Size | Casing Size | Casing weight/foot | Setting Depth | Sacks of Cement | Estimated TOC  |
|-----------|-------------|--------------------|---------------|-----------------|----------------|
| 11        | 8-5/8       | 24#                | 739'          | 425             | CIRC. TO SURF. |
| 7-7/8     | 5-1/2       | 15.5#              | 6158'         | 1375            | CIRC. TO SURF. |
|           |             |                    |               |                 |                |
|           |             |                    |               |                 |                |

<sup>22</sup> Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary

ORIGINALLY DRILLED AND COMPLETED AS THE EMPIRE ABO UNIT #F321 IN 1978. TD @6210'. TESTED ABO 6060-6066', CEMENTED SAME. COMPLETED OH 6158-6210'. TA'D IN 1991. PROPOSE TO RE-ENTER WELL AND DRILL OUT EXISTING CEMENT PLUGS, CLEAN OUT TO 4400', AND TEST YESO INTERVAL.

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature:

*Elizabeth A. Casbeer*

Printed name: ELIZABETH A. CASBEER

Title: 3/5/98

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

Expiration Date:

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102  
Supersedes C-128  
Effective 1-1-65

All distances must be from the outer boundaries of the Section

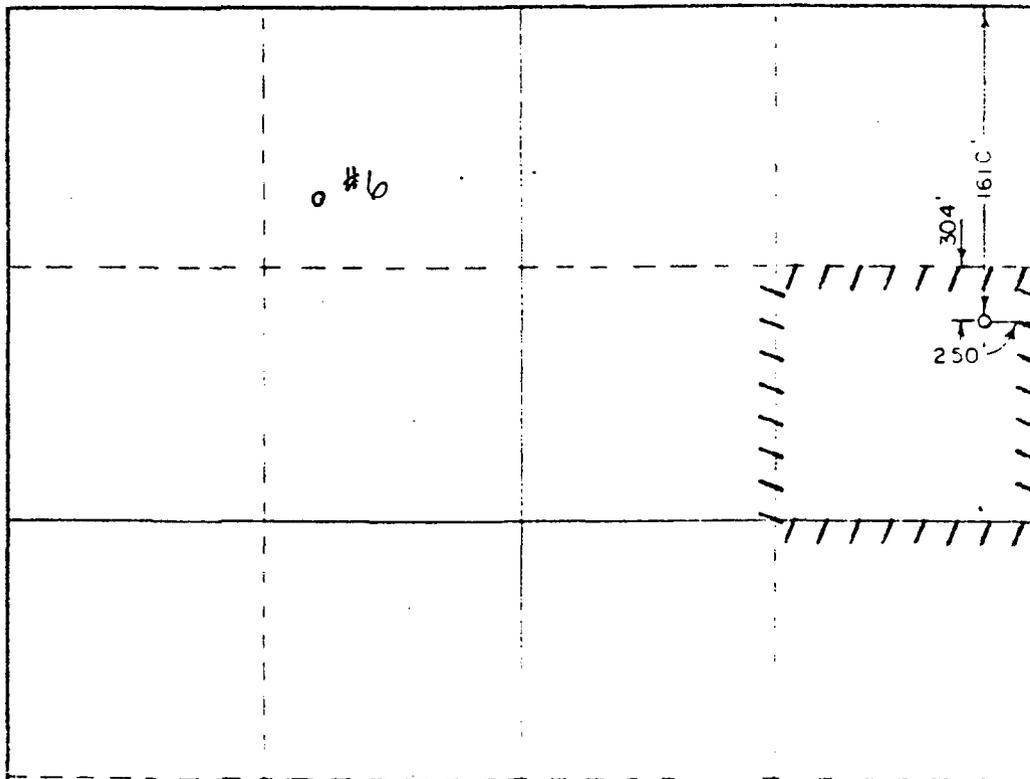
|                                     |                                    |                                       |  |                       |                                |
|-------------------------------------|------------------------------------|---------------------------------------|--|-----------------------|--------------------------------|
| Operator<br><b>ARCO PERMIAN</b>     |                                    | Lease<br><b>WASHINGTON "33" STATE</b> |  |                       | Well No.<br><b>13</b>          |
| Unit Letter<br><b>H</b>             | Section<br><b>33</b>               | Township<br><b>17 South</b>           | Range<br><b>28 East</b>                            | County<br><b>Eddy</b> |                                |
| Approximate Location of Well:       |                                    |                                       |  |                       |                                |
| <b>1610</b>                         | feet from the                      | <b>North</b>                          | <b>250</b>   | feet from the         | <b>East</b>                    |
| Ground Level Elev.<br><b>3674.3</b> | Producing Formation<br><b>YESO</b> |                                       | Form<br><b>WILDCAT (YESO)<br/>ARTESIA (Q-C-SA)</b> |                       | Estimated Acreage<br><b>40</b> |

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

Yes  No If answer is "yes," type of consolidation \_\_\_\_\_

If answer is "no," list the owners and tract descriptions which have actually been consolidated. Use reverse side of this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

*Elizabeth A. Cashe*  
REGULATORY/COMP. ANALYST

ARCO PERMIAN

3/5/98

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 knowledge and belief.

December 15, 1977

