

Submit 3 Copies To Appropriate District Office

**District I**

1625 N. French Dr., Hobbs, NM 88240

**District II**

1301 W. Grand Ave., 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 and Natural Resources

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

0158  
Form C-103  
Revised March 25, 1999

WELL API NO.

30-015-22767

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name:  
Empire Abo Unit "F"

8. Well No. 335

9. Pool name or Wildcat Abo

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:

Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

B-P America Production Co.

3. Address of Operator

P.O. Box 1089 Eunice, New Mexico 88231

4. Well Location

Unit Letter E : 2250 feet from the North line and 570 feet from the West line

Section 34 Township 17S Range 28E NMPM Eddy County

10. Elevation (Show whether DR, RKB, RT, GR, etc.)

KB=11'

3664 CB

11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☒

TEMPORARILY ABANDON ☐ CHANGE PLANS ☐

PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐

CASING TEST AND CEMENT JOB ☐

OTHER: ☐

12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompilation.

F-335 Procedure to P&A:

T.D. 6350', PBTD 6306', Perfs 6065' - 6075'.

(1) ND Wellhead & NU BOP & Enviro-vat.

(2) Release Lok-set pkr. @ 5966' & POH w/191 jts. of tbg. & pkr.

(3) RU Wireline & RIH w/5 1/2" CIBP & set @ 6015'. POH w/W.L.

(4) RIH w/tbg. & Tag CIBP @ 6015'.

(5) Circulate hole w/9.5# salt gel mud.

(6) Cap CIBP @ 6015' w/25 sxs. of cmt.

(7) PUH w/tbg. to 3520' & spot 25 sx. cmt. plug from 3520' to 3420'.

(8) PUH w/tbg. to 800' & spot 25 sx. cmt. plug from 800' to 700'. WOC & Tag.

(9) PUH w/tbg. to 480' & spot 25 sx. cmt. plug from 480' to 380'.

(10) PUH w/tbg. to 60' & spot 10 sx. cmt. plug from 60' to surface.

(11) Cut off wellhead and anchors 3' BGL. Set dry hole marker & clean up location.

Notify OCD 24 hrs. prior to any work done

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

SIGNATURE

Kellie D. Murrish

TITLE

St. Admin. Asst.

DATE

01.15.03

Type or print name

Kellie D. Murrish

Telephone No.

505-394-1600

(This space for State use)

APPROVED BY

[Signature]

TITLE

Wild Sep ID

DATE

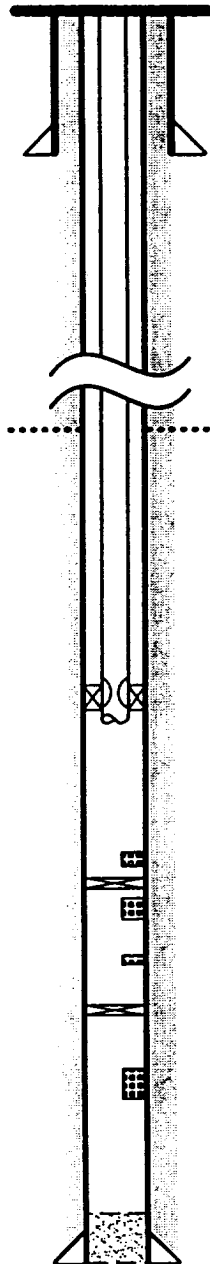
JAN 22 2003

Conditions of approval, if any:

# Empire Abo Unit 'F' 335

Potential  
Perforation  
Zones

285'



- KB at 3675' above sea level (Used as the Datum)  
Well is currently shut in
- Top of Cement at surface
- 8-5/8" - 24# casing set at 750' (11" hole)

--- Top of Abo at 5780'

--- PKR set at 5966', SN set at 5962'  
Tubing: 19 1/2" (5950'), 2 3/8", 4.7#, BUE 8rd, J-55

- Perforations 6065' - 6075' w/ 2 JSPP
- OBP set at 6085'
- Perforations 6096' - 6110' Closed off w/ OBP
- Perforations 6134' - 6140' Closed off w/ OBP
- OBP set at 6170'
- Perforations 6210' - 6230' Closed off w/ OBP

- FBTD at 6306'
- 5-1/2" - 15.5# casing set at 6350' (7 7/8" hole)

## PLUGGING & ABANDONMENT WORKSHEET

**(2 STRING CSNG)**

**OPERATOR** B-P America

LEASENAME Empire Abo Unit

SECT 34 TWN

FROM 2250 N/8 L

TD: 6350

PBTD: 6306

WELL # F-335

175 RNG 20E

FORMATION @ TD

FORMATION @ PBTD

|          |              |       |          |                   |               |
|----------|--------------|-------|----------|-------------------|---------------|
|          | SIZE         | SET @ | TOC      | TOC DETERMINED BY |               |
| SURFACE  | 8 5/8"       | 750   | Surface  | CIRC.             |               |
| INTMED 1 |              |       |          |                   |               |
| INTMED 2 |              |       |          |                   |               |
| PROD     | 5 1/2        | 6350  | Surface  | CIRC.             |               |
|          | SIZE         | TOP   | BOT      | TOC               | DETERMINED BY |
| LINER 1  |              |       |          |                   |               |
| LINER 2  |              |       |          |                   |               |
|          | CUT & PULL @ |       |          | TOP - BOTTOM      |               |
| INTMED 1 |              |       | PERFS    | -                 |               |
| INTMED 2 |              |       | OPENHOLE | -                 |               |
| PROD     |              |       |          |                   |               |

**\*REQUIRED PLUGS DISTRICT I**

|                 |      |
|-----------------|------|
| RUSTLER (ANHYD) |      |
| YATES           | 480  |
| QUEEN           |      |
| GRAYBURG        |      |
| SAN ANDRES      |      |
|                 |      |
| CAPTAN REEF     |      |
|                 |      |
| DELAWARE        |      |
| DELL CANYON     |      |
| CHERRY CANYON   |      |
| BRUSHY CANYON   |      |
| BONE SPRING     |      |
|                 |      |
| OLORIETA        | 3520 |
| BLINEBRY        |      |
| TUBB            |      |
| DRINKARD        |      |
| ADO             |      |
|                 |      |
| WC              |      |
| PENH            |      |
| STRAWH          |      |
| ATOKA           |      |
| MORROW          |      |
| MISS            |      |
| DEVORIAN        |      |

[illegible]

TD 6350

|          |       |
|----------|-------|
| Well No. | F-335 |
|----------|-------|

|              |
|--------------|
| Type of Well |
|--------------|

|   |       |
|---|-------|
| X | Oil   |
|   | Gas   |
|   | Other |

|              |              |
|--------------|--------------|
| Well API No. | 30-015-22767 |
|--------------|--------------|

|            |                     |
|------------|---------------------|
| Lease Name | Empire Abo Unit "F" |
|------------|---------------------|

|               |
|---------------|
| Type of Lease |
|---------------|

|   |       |
|---|-------|
| X | State |
|   | Fee   |

"E"

|               |      |           |                 |        |     |                |      |
|---------------|------|-----------|-----------------|--------|-----|----------------|------|
| Well Location | 2250 | ft        | From North Line | 570    | ft  | From West Line |      |
| Section:      | 34   | Township: | 17S             | Range: | 28E | County:        | Eddy |

|             |      |                          |
|-------------|------|--------------------------|
| Elevation   | 3675 | ft above sea level (RDB) |
| Top of Abo  | 2100 | ft below see level       |
| Total Depth | 6350 | ft                       |
| PBTD        | 6306 | ft                       |
| KB          | 11   | ft above GL              |
| Datum       | KB   | (All depths based on KB) |

|          |             |
|----------|-------------|
| Tubing   |             |
| # of Jts | 191 (5950') |
| Size     | 2 3/8"      |
| Weight   | 4.7#        |
| Thread   | EUE 8rd     |
| Class    | J-55        |

|             |              |
|-------------|--------------|
| Well Status |              |
|             | Flowing well |
|             | Pumping well |
| X           | Shut in      |

| CASINGS  |          |         |              |       |  |
|----------|----------|---------|--------------|-------|--|
| string # | Hole sz. | Depth   | Casing Dmtr. | wght. |  |
| 1        | 11"      | 750 ft  | 8 5/8 in     | 24#   |  |
| 2        | 7 7/8"   | 6350 ft | 5 1/2 in     | 15.5# |  |
|          |          |         |              |       |  |
|          |          |         |              |       |  |
|          |          |         |              |       |  |
|          |          |         |              |       |  |

| OTHER EQUIPMENT (BPs, ETC..) |         |              |              |  |
|------------------------------|---------|--------------|--------------|--|
| Name                         | Depth   | Casing Dmtr. | Notes        |  |
| TOC                          | surface | 5 1/2 in     |              |  |
| CIBP                         | 6170 ft | 5 1/2 in     |              |  |
| CIBP                         | 6085 ft | 5 1/2 in     |              |  |
| SN                           | 5962 ft | 5 1/2 in     |              |  |
| PKR                          | 5966 ft | 5 1/2 in     | Baker Lokset |  |
|                              |         |              |              |  |

|            |         |          |                |         |
|------------|---------|----------|----------------|---------|
| Pay Zone   |         |          |                |         |
| Top of Abo | 5775 ft | to       | Bottom of Well | 6306 ft |
| Top of Abo | 5780 ft | Reported |                |         |

| PERFORATIONS |           |                    |                     |                        |
|--------------|-----------|--------------------|---------------------|------------------------|
| Start Depth  | End Depth | Jet Shots per Foot | Date of Perforation | Comments               |
| 6210 ft      | 6230 ft   | 2                  | 2/16/1979           | Closed 1/31/91 w/ CIBP |
| 6096 ft      | 6110 ft   | 2                  | 2/1/1991            | Closed 2/5/91 w/ CIBP  |
| 6134 ft      | 6140 ft   | 2                  | 2/1/1991            | Closed 2/5/91 w/ CIBP  |
| 6065 ft      | 6075 ft   | 2                  | 2/5/1991            |                        |
|              |           |                    |                     |                        |
|              |           |                    |                     |                        |
|              |           |                    |                     |                        |
|              |           |                    |                     |                        |
|              |           |                    |                     |                        |
|              |           |                    |                     |                        |
|              |           |                    |                     |                        |

| COMMENTS                                                                                                                        |
|---------------------------------------------------------------------------------------------------------------------------------|
| There is a 285 ft interval from the top of the Abo at 5780 ft to the top of the perforations at 6065 ft that can be perforated. |

Submit 3 Copies  
to Appropriate  
District Office

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-103  
Revised 1-1-89

CLSF  
Op

**DISTRICT I**  
P.O. Box 1980, Hobbs NM 88241-1980

**DISTRICT II**  
P.O. Drawer DD, Artesia, NM 88210

**DISTRICT III**  
1000 Rio Brazos Rd., Aztec, NM 87410

**OIL CONSERVATION DIVISION**

2040 Pacheco St.  
Santa Fe, NM 87505

|                                                                                                     |
|-----------------------------------------------------------------------------------------------------|
| WELL API NO.<br>30-015-22767                                                                        |
| 5. Indicate Type of Lease<br>STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> |
| 6. State Oil & Gas Lease No.                                                                        |
| 7. Lease Name or Unit Agreement Name<br>Empire Abo Unit "F"                                         |
| 8. Well No.<br>335                                                                                  |
| 9. Pool name or Wildcat<br>Empire Abo                                                               |

|                                                                                                                                                                                                                  |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>SUNDRY NOTICES AND REPORTS ON WELLS</b><br>(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)     |  |
| 1. Type of Well:<br>OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER                                                                                                         |  |
| 2. Name of Operator<br>BP America Production Company                                                                                                                                                             |  |
| 3. Address of Operator<br>P.O. Box 1089 Eunice, NM 88231                                                                                                                                                         |  |
| 4. Well Location<br>Unit Letter <u>E</u> ; <u>2250</u> Feet From The <u>N</u> Line and <u>570</u> Feet From The <u>W</u> Line<br>Section <u>34</u> Township <u>17S</u> Range <u>28E</u> NMMPM <u>Eddy</u> County |  |
| 10. Elevation (Show whether DE, RKB, RT, GR, etc.)<br><u>3664</u>                                                                                                                                                |  |

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

| NOTICE OF INTENTION TO:                        |                                           | SUBSEQUENT REPORT OF:                               |                                               |
|------------------------------------------------|-------------------------------------------|-----------------------------------------------------|-----------------------------------------------|
| PERFORM REMEDIAL WORK <input type="checkbox"/> | PLUG AND ABANDON <input type="checkbox"/> | REMEDIAL WORK <input checked="" type="checkbox"/>   | ALTERING CASING <input type="checkbox"/>      |
| TEMPORARILY ABANDON <input type="checkbox"/>   | CHANGE PLANS <input type="checkbox"/>     | COMMENCE DRILLING OPNS. <input type="checkbox"/>    | PLUG AND ABANDONMENT <input type="checkbox"/> |
| PULL OR ALTER CASING <input type="checkbox"/>  |                                           | CASING TEST AND CEMENT JOB <input type="checkbox"/> |                                               |
| OTHER: <input type="checkbox"/>                |                                           | OTHER: <u>Workover</u> <input type="checkbox"/>     |                                               |

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

TD: 6350' PBD: 6052 (CIBP)' PERFS: 5800-5988' (NEW)

08.13.02: MIRUPU. NDWH. NUBOP. POH w/tbg.

08.15.02: TIH w/bit & scraper. Tested tbg to 5000# PSI above slips. Tag @ 6070'.

08.16.02: RIH w/CIBP. Set @ 6052'. Dump 25' cmt on CIBP. Perf as follows w/2 JSPF. 5800-04', 5821-26', 5830-42', 5854-66', 5874-82', 5892-94', 5918-25', 5945-52', 5960-64', 5970-74', 5984-88'.

08.19.02: Pmp 500 gals 7.5% HCL to pickle tbg. Wait 30 mins. Swab back acid. Fish SV. Set pkr @ 5712'. Pmp 3500 gals 15% HCL w/additives & 250 ball sealers. Unset pkr & POH. RIH w/bailer. Clean out balls to 6037'. POH.

08.20.02: RIH w/prod. tbg. Set @ 5962'. SN @ 5966'. Well SI after workover.

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

SIGNATURE Kellie D. Murrish TITLE Sr. Administrative Assistant DATE 09.13.02  
TYPE OR PRINT NAME Kellie D. Murrish TELEPHONE NO. 505-394-1649

(This space for State Use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

Accepted for record - NMCCD

SEP 27 2002