

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**COPY**

OCD-ARTESIA

FORM APPROVED  
OMB No 1004-0137  
Expires July 31, 2010

**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.**

5. Lease Serial No. LC 067858

6 If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE** - Other instructions on page 2.

1 Type of Well ☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator BP America Production Company

3a Address P O Box 1089  
Eunice, New Mexico 88231

3b Phone No. (include area code) 575-394-1649

4 Location of Well (Footage, Sec., T., R., M., or Survey Description)  
560' FNL & 2258' FEL, Unit Letter "B"  
Section 11 - T18S - R27E

7 If Unit of CA/Agreement, Name and/or No NMNM70945X

8 Well Name and No Empire Abo Unit "M" #152

9. API Well No 30 - 015 - 22569

10. Field and Pool or Exploratory Area Empire Abo

11 Country or Parish, State Eddy County, New Mexico

12 CHECK THE 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 type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" 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 recompleate 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 must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

BP America proposes to plug and abandon well using procedure listed below and as depicted by the attached wellbore schematic:

- MIRU well servicing unit and ancillary equipment. Test 5½" csg from surface to packer @ 6006' w/ 500 psi. Install BOP and remove tubing and packer from wellbore.
- TIH w/ 5½" CIBP on tubing and set plug at 6025' = 77' above top Abo perf. Load hole w/ 9.0 ppg mud laden fluid, test CIBP to 500 psi and spot 25 sx Class "C" plug onto CIBP, top of cement plug at approximately 5780'.
- Spot 25 sack Class "C" plug from 4100' to 3855' across DV tool at 3986'.
- Spot 25 sack Class "C" plug from 3525' - 3280' across top of Glorieta @ 3405'.
- Spot 25 sack Class "C" plug from 1120' - 875', which provides a plug across the top of the Queen @ 1020' and also across surface casing shoe @ 1000'. WOC and tag plug, must be 950' or higher.
- Spot 35 sacks of Class "C" from 325' - 0' which provides a plug across the top of the Yates @ 225' and sets the top plug.
- Rig down and move-out well servicing unit and ancillary plugging equipment.
- Cut casing & WH to 3' below GL and erect regulation dry hole marker.
- Prepare location for final BLM inspection.

Work will commence as soon as possible after receipt of BLM approval of abandonment, however, exact timing will be dependent upon availability of required equipment and services.

**SEE ATTACHED FOR  
CONDITIONS OF APPROVAL**

14 I hereby certify that the foregoing is true and correct Name (Printed/Typed) D. C. Dodd

Title Agent for BP America Production Company

Signature *D. C. Dodd* Date 08/06/2008

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

Approved by

Conditions of approval, if any, are attached Approval of this notice does not constitute an agreement that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon

Accepted for Record

Approved by

Title

Office

Gerry Guye, Deputy Field Inspector

NMOC District II ARTESIA

APPROVED

AUG 14 2008

JAMES A. AMOS

SUPERVISOR-EPS

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, No 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

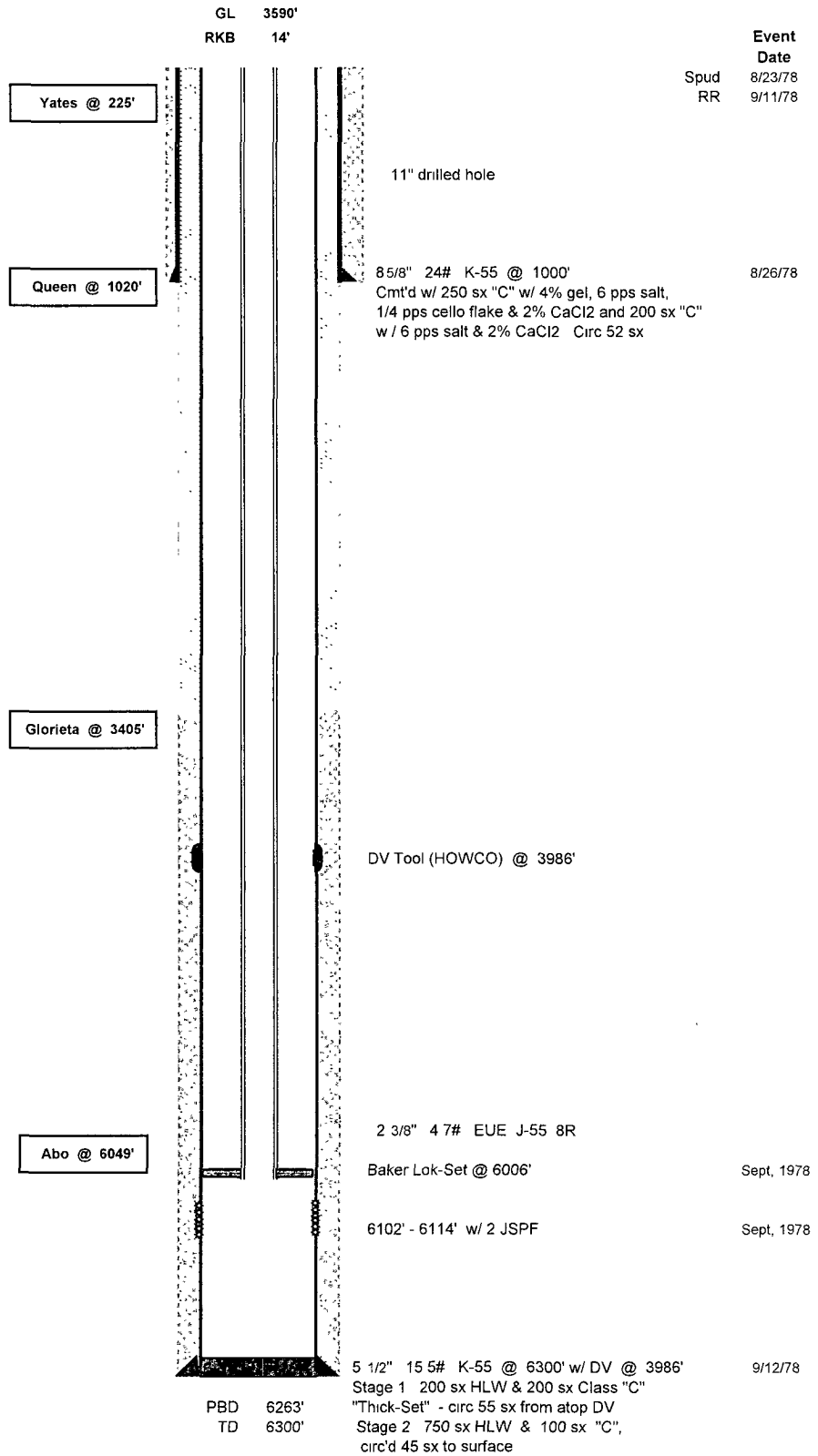
# Empire Abo Unit "M" #152

Empire Abo Field

API No. 30-015-22569

560' FNL & 2258' FEL  
Sec 11 - T18S - R27E  
Eddy County, New Mexico

## Present Status



# Empire Abo Unit "M" #152

Empire Abo Field

API No. 30-015-22569

560' FNL & 2258' FEL

Sec 11 - T18S - R27E

Eddy County, New Mexico

## P&A Plan

GL 3590'

RKB 14'

EAU  
"M"  
152

Event  
Date

Spud 8/23/78  
RR 9/12/78

Yates @ 225'

Yates - Top Plug  
35 sx 0' - 325'

11" drilled hole

Queen @ 1020'

Queen - Surface Shoe Plug  
25 sx  
880' - 1120'  
TAG

8 5/8" 24# K-55 @ 1000'  
Cmt'd w/ 250 sx "C" w/ 4% gel, 6 pps salt,  
1/4 pps cello flake & 2% CaCl2 and 200 sx "C"  
w/ 6 pps salt & 2% CaCl2 Circ 52 sx

8/26/78

7 7/8" drilled hole

Glorieta Plug  
25 sx  
3285' - 3525'

Glorieta @ 3405'

Isolation Plug  
25 sx 3860' - 4100'  
Covers DV Tool @ 3986'

DV Tool (HOWCO) @ 3986'

Load hole w/ 9.0 ppg mud laden  
fluid (25 sx gel / 100 BBL)

Abo Plug  
CIBP set @ 6025'  
Capped w/ 25 sx cmt to 5785'

Abo @ 6049'

CIBP @ 6025'

6102' - 6114' w/ 2 JSPF

Sept, 1978

PBD 6263'  
TD 6300'

5 1/2" 15 5# K-55 @ 6300' w/ DV @ 3986'  
Stage 1 200 sx HLW & 200 sx Class "C"  
"Thick-Set" - circ 55 sx from atop DV  
Stage 2 750 sx HLW & 100 sx "C",  
circ'd 45 sx to surface

9/12/78

**BUREAU OF LAND MANAGEMENT**  
**Carlsbad Field Office**  
**620 East Greene Street**  
**Carlsbad, New Mexico 88220**  
**575-234-5972**

**Permanent Abandonment of Federal Wells**  
**Conditions of Approval**

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

1. Plugging operations shall commence within ninety (90) days from the approval date of this Notice of Intent to Abandon.

**If you are unable to plug the well by the 90<sup>th</sup> day provide this office, prior to the 90<sup>th</sup> day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged. Failure to do so will result in enforcement action.**

2. **Notification:** Contact the appropriate BLM office at least 24 hours prior to the commencing of any plugging operations. For wells in Chaves and Roosevelt County, call 575-627-0272; Eddy County, call 575-361-2822; Lea County, call 575-393-3612.

3. **Blowout Preventers:** A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet; and a 5M system for a well not deeper than 22,727 feet

4. **Mud Requirement:** Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of water. Minimum nine (9) pounds per gallon.

5. **Cement Requirement:** Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. In lieu of a cement plug in a cased hole, a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 25 sacks of cement. If a bailer is used to cap this plug, 35 feet of cement shall be sufficient.

Unless otherwise specified in the approved procedure, the cement plug shall consist of either Neat Class "C", for up to 7,500 feet of depth or Neat Class "H", for deeper than 7,500 feet plugs.

6. **Dry Hole Marker:** All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). The well bore shall then be capped with a 4-inch pipe, 10-feet in length, 4 feet above ground and embedded in cement. The following information shall be permanently inscribed on the dry hole marker: well name and number, name of the operator, lease serial number, surveyed location (quarter-quarter section, section, township and range or other authorized survey designation acceptable to the authorized officer such as metes and bounds).

7. **Subsequent Plugging Reporting:** Within 30 days after plugging work is completed, file one original and five copies of the Subsequent Report of Abandonment, Form 3160-5 to BLM. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. **Show date well was plugged.**

8. **Trash:** All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.

Following the submission and approval of the Subsequent Report of Abandonment, surface restoration conditions of approval will be developed and furnished to you.