

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FEB 19 2009

FORM APPROVED
OMB NO. 1004-0137
Expires March 31, 2007

RM

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 ☒ Oil Well ☐ Gas Well ☐ Other		5 Lease Serial No NMNM025604
2 Name of Operator BP America Production Company		6 If Indian, Allottee or Tribe Name "
3a. Address P.O. Box 1089 Eunice NM 88231	3b. Phone No (include area code) 575-394-1648	7 If Unit or CA/Agreement, Name and/or No. 8910138010
4 Location of Well (Footage, Sec, T, R, M., or Survey Description) UL P, 100 FSL & 430 FEL Section 3, T18S, R27E		8. Well Name and No. Empire Abo Unit 122
		9. API Well No 30-015-22842
		10. Field and Pool, or Exploratory Area Empire Abo
		11. County or Parish, State Eddy NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other _____
	☐ Change Plans	☒ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ 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 recompleat 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 recompleat 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 final site is ready for final inspection.)

- MIRU PU. Check csg and surface pipe for pressure - bleed off into containment. Monitor well and assure it's stable. ND WH and install BOP. Test BOP and casing to 500 psi.
- Release Model R packer and POOH with tubing and packer.
- GIH w/ 2 3/8" tbq and CIBP. Set CIBP @ 5700'. (Abo top at 5702'.) *Set within 100' of perfs
- Spot 250' cement plug on top of CIBP using 25 sx Class C neat.
- PU to 5450'. Load hole with mud-laden fluid (9.5 ppg, 40 sec/qt Funnel viscosity).
- PU to 3200'. Spot 250' cement plug @ top of Glorieta (Glorieta top @ 3207') using 25 sx Class C neat.
- POOH. TIH with perforated nipple and bull plug on 2 3/8" tbq string. Tag Glorieta plug @ +/-2950'.
- PU to 1100'. Spot 450' cement plug across surface casing shoe and top of Queen (Queen top @ 850') using 50 sx Class C neat.
- WOC at least 2 hours. Tag surface casing shoe and Queen plug @ +/-650'.
- PU to 120'. Spot 120' cement plug @ top of Yates (Yates top @ 100') to surf using 15 sx Class C neat.
- RD PU and clean location. Cut off anchors.
- Dig out WH and cut off casing heads to 3' below GL.
- Install regulation dry hole marker. Clean location and prepare location for BLM inspection.

**SEE ATTACHED FOR
CONDITIONS OF APPROVAL**14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Barry C. Price

Title

Area Operations Team Lead

Date 2/6/09

THIS SPACE FOR FEDERAL OR STATE OFFICE USE APPROVED

Approved by

Title

Date

Office

FEB 17 2009

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.

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make any statement or representation as to any matter within its jurisdiction which is false, fictitious or fraudulent.

JAMES DEAN MOSE
SUPERVISOR-EPS

2/26/09

Empire Abo Unit L-122

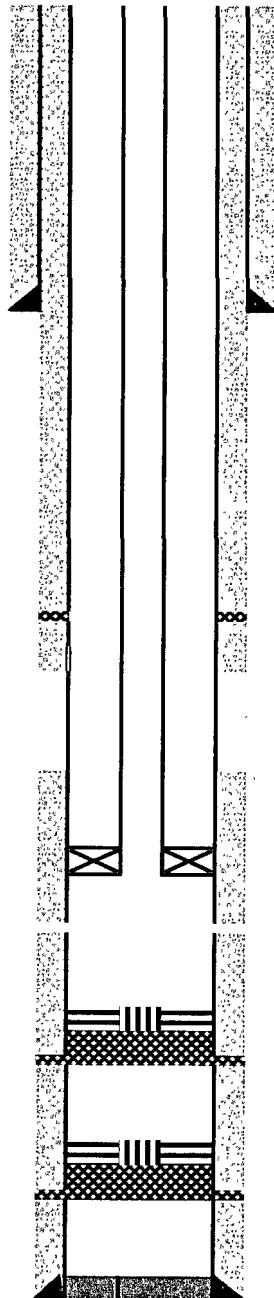
Empire Abo Field

API No. 30-015-22842

100' FSL & 430' FEL

Sec 3- T18S - R27E

Eddy County, New Mexico

Event
DateSpud
Completed 4/20/79**Status 1-21-09**8 5/8" 24#, K-55 @ 1000'
Cmtd w/ 550 sx to surface

4/21/79

186 jts 2 3/8", 4.7#, J-55 tbg

3/7/1997

Found leak between 3941 & 3957'. Perf 2 SPF
3947-49', Squeeze w/ 275 sx in 2 attempts

5/17/1979

DV tool @ 4012'
Cement to surface w/ 950 sx

5/7/1979

TOC ???

Model R packer @ 5810'

3/7/1997

Perf 5836-5874'

3/3/97

Cement retainer @ 5935'
Squeeze w/ 75 sx
Perf 5966-5976' 2 SPF 20 holes

3/3/97

6/6/79

Cement retainer @ 6001'
Squeeze w/ 125 sx
Perf 6026-6036' 2 SPF

6/5/79

5/23/79

5 1/2", 15.5#, K-55 @ 6150'
Cmtd w/ 350 sx

5/7/79

DLT 1/22/09

Empire Abo Unit L-122

Empire Abo Field

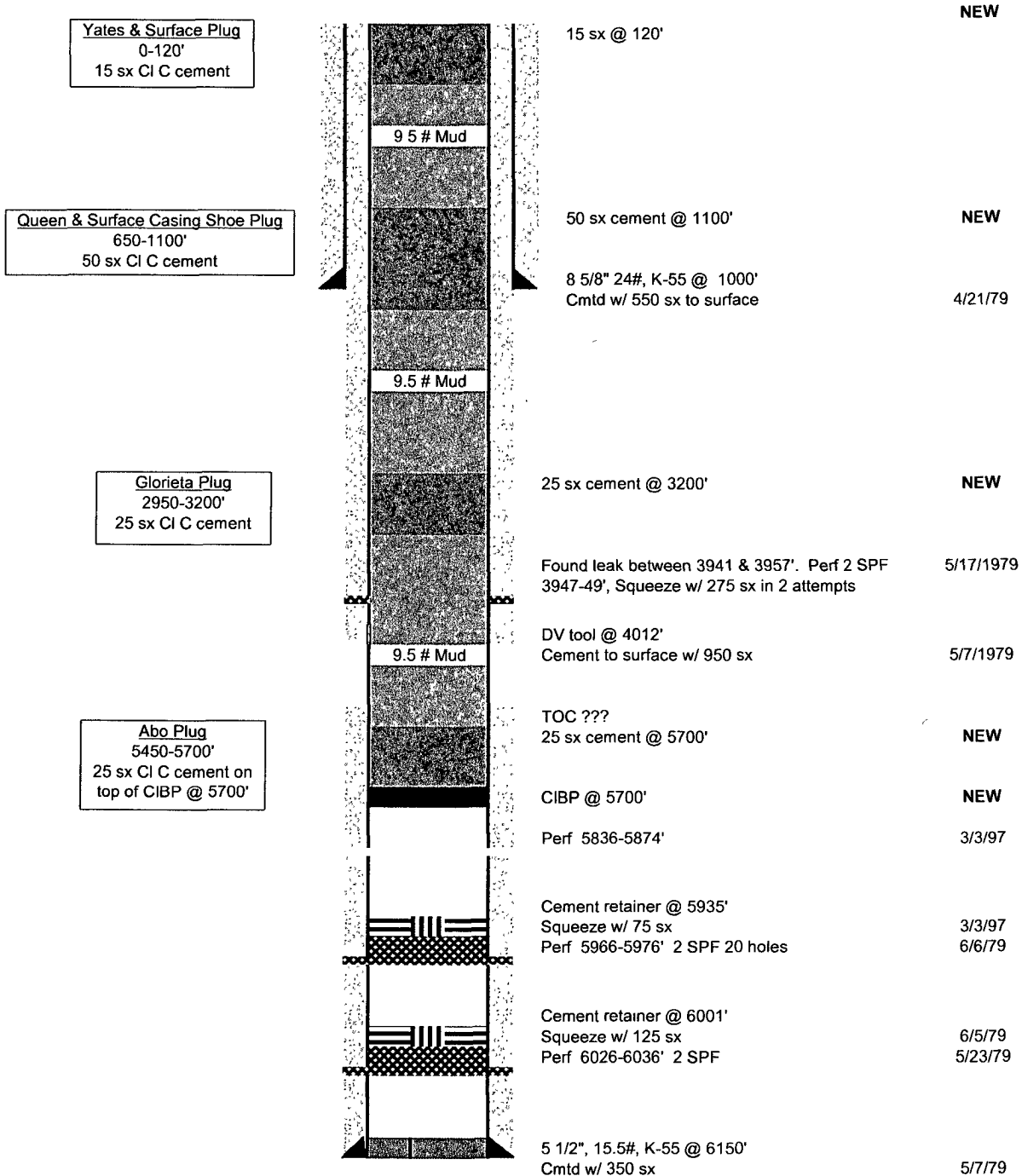
API No. 30-015-22842

100' FSL & 430' FEL
Sec 3- T18S - R27E
Eddy County, New Mexico

**Event
Date**

Spud
Completed 4/20/79

Proposed P&A



DLT 1/22/09

**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 90th day provide this office, prior to the 90th 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.