

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018**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.  
NMSF080597

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

**SUBMIT IN TRIPLICATE - Other instructions on page 2**8. Well Name and No.  
GARTNER A 169. API Well No.  
30-045-28493-00-S110. Field and Pool or Exploratory Area  
BASIN FRUITLAND COAL

11. County or Parish, State

SAN JUAN COUNTY, NM

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other: COAL BED METHANE2. Name of Operator  
BP AMERICA PRODUCTION COMPANY

Contact: TOYA COLVIN

Email: Toya.Colvin@bp.com

3a. Address  
501 WESTLAKE PARK BLVD. THREE ELDRIDGE PLACE  
HOUSTON, TX 770793b. Phone No. (include area code)  
Ph: 281.892.5369

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 33 T30N R8W SESW 0940FSL 1650FWL  
36.763840 N Lat, 107.683240 W Lon**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"/> Hydraulic Fracturing	<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 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 must 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 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 requests to P&A the subject well. Please see the attached P&A procedure and BLM required reclamation plan documents.

In accordance with NMOCD Pit Rule 19.15.17.9 NMAC, BP will use a closed-loop system during operations.

OIL CONS. DIV DIST. 3  
APR 17 2017SEE ATTACHED FOR  
CONDITIONS OF APPROVALBLM'S APPROVAL OR ACCEPTANCE OF THIS  
ACTION DOES NOT RELIEVE THE LESSEE AND  
OPERATOR FROM OBTAINING ANY OTHER  
AUTHORIZATION REQUIRED FOR OPERATIONS  
ON FEDERAL AND INDIAN LANDSNotify NMOCD 24 hrs  
prior to beginning  
operations

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #371882 verified by the BLM Well Information System  
For BP AMERICA PRODUCTION COMPANY, sent to the Farmington  
Committed to AFMSS for processing by JACK SAVAGE on 04/13/2017 (17JWS0087SE)

Name (Printed/Typed) TOYA COLVIN

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 04/03/2017

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

Approved By JACK SAVAGE

Title PETROLEUM ENGINEER

Date 04/13/2017

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 Farmington

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.

(Instructions on page 2)

\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\*

NMOCD

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## PLUG AND ABANDONMENT PROCEDURE

March 1, 2017

### Gartner "A" #16

Basin Fruitland Coal

940' FSL and 1650' FWL, Section 33, T30N, R8W  
San Juan County, New Mexico / API 30-045-28493

Lat: N \_\_\_\_\_ / Lat: W \_\_\_\_\_

Note: All cement volumes use 100% excess outside pipe and 50' excess inside. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be Class B, mixed at 15.6 ppg with a 1.18 cf/sx yield.

1. Install and test location rig anchors. Comply with all NMOCD, BLM, and Operator safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. Record casing, tubing and bradenhead pressures. NU relief line and blow down well. Kill well with water as necessary and at least pump tubing capacity of water down the tubing. ND wellhead and NU BOP. Function test BOP.

**NOTE: This well will need to be hot oiled.**

2. Rods: Yes \_\_\_\_\_, No X, Unknown\_\_\_\_\_.  
Tubing: Yes X, No \_\_\_\_\_, Unknown\_\_\_\_\_, Size 2.375", Length 3060'.  
Packer: Yes \_\_\_\_\_, No X, Unknown\_\_\_\_\_, Type \_\_\_\_\_.
3. **Plug #1 (Pictured Cliffs top, Fruitland Coal perforations and Fruitland tops, 2810' – 2710' ):**  
TOH with tubing. Round trip 5.5" gauge ring or mill to 2810'. PU Set 5.5" CR and RIH; set at 2810'.  
Pressure test tubing to 1000#. Pressure test casing to 800#. If casing does not test then spot or tag subsequent plugs as appropriate. **RU A-Plus wireline truck and run CBL to surface.**  
**Following plugs may be changed based on CBL.** Mix 17 sxs Class B cement above CR from 2810' to cover the PC top, Fruitland Coal perforations and Fruitland top. PUH.
4. **Plug #2 (Kirtland top, 1759' – 1450'):** Mix and pump 40 sxs Class B cement and spot a balanced plug inside casing to cover the Fruitland top. PUH.
5. **Plug #3 (8-5/8" Surface casing shoe, 493' - Surface):** Attempt to pressure test the bradenhead annulus to 300 PSI; note the volume to load. If the BH annulus holds pressure, then establish circulation out casing valve with water. Mix approximately 55 sxs cement and spot a balanced plug from 493' to surface, circulate good cement out casing valve. TOH and LD tubing. If the BH annulus does not test, then perforate at the appropriate depth and attempt to circulate cement to surface filling the casing from 493' and the annulus from the squeeze holes to surface. Shut in well and WOC.
6. ND cementing valves and cut off wellhead. Fill annuli with cement as necessary. Install P&A marker to comply with regulations. Record GPS coordinate for P&A marker on tower report. Photograph P&A marker in place. RD, MOL and cut off anchors. Restore location per BLM stipulations



# Proposed Wellbore Diagram

## Gartner "A" #16 Proposed P&A

Basin Fruitland Coal

940' FSL, 1650' FWL, Section 33, T-30-N, R-8-W  
San Juan County, NM, API #30-045-28493

Today's Date: 3/1/17  
Spud: 12/27/90  
Completed: 2/2/91  
Elevation: 6399' GI

Nacimiento @ 443'

Ojo Alamo @ 1500'

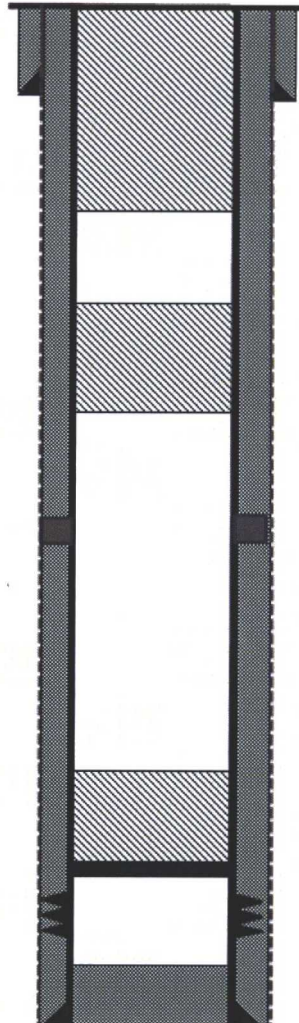
Kirtland @ 1709'

Fruitland @ 2804'

Pictured Cliffs @ 3102'

12.25" hole

7-7/8" hole



5.5" casing ; cement circulated to surface

8-5/8" , 24# Casing set @ 285'  
Cement with 250 sxs, circulated

Plug #3: 493' - 0'  
Class B cement, 55 sxs

Plug #2: 1759' - 1450'  
Class B cement, 40 sxs

DV Tool @ 2395'  
Stage #2: Cement with 545 sxs

Plug #1: 2810' - 2710'  
Class B cement, 17 sxs

Set CR @ 2810'

Fruitland Coal Perforations:  
2823' - 3052'

5.5" , 17# Casing set @ 3355'  
Stage #1: Cement with 225 sxs

TD 3360'  
PBD 3318'

UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
FARMINGTON DISTRICT OFFICE  
6251 COLLEGE BLVD.  
FARMINGTON, NEW MEXICO 87402

Attachment to notice of  
Intention to Abandon:

Re: Permanent Abandonment  
Well: Gartner A 16

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."
2. Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 564-7750.
3. The following modifications to your plugging program are to be made:
  - a) Set Plug #2 (2195-1944) ft. to cover the entire Ojo Alamo Interval. BLM picks top of Kirtland at 2145 ft. BLM picks top of Ojo Alamo at 1994 ft.
  - b) Set a cement plug (682-582) ft. to cover the Nacimiento top. BLM picks top of Nacimiento at 632 ft.

H<sub>2</sub>S has not been reported in this section, however, low concentrations of H<sub>2</sub>S (7 ppm GSV) have been reported in the SWNE/4 Sec. 4, 29N, 8W.

Operator will run a CBL to verify cement top. Submit the electronic copy of the log for verification to the following addresses: [jwsavage@blm.gov](mailto:jwsavage@blm.gov) [Brandon.Powell@state.nm.us](mailto:Brandon.Powell@state.nm.us)

You are also required to place cement excesses per 4.2 and 4.4 of the attached General Requirements.

Office Hours: 7:45 a.m. to 4:30 p.m.