

State of New Mexico  
Energy, Minerals and Natural Resources Department

**Susana Martinez**  
Governor

**Ken McQueen**  
Cabinet Secretary

**Matthias Sayer**  
Deputy Cabinet Secretary

**Heather Riley**, Division Director  
Oil Conservation Division



New Mexico Oil Conservation Division approval and conditions listed below are made in accordance with OCD Rule 19.15.7.11 and are in addition to the actions approved by BLM on the following 3160-4 or 3160-5 form.

Operator Signature Date: 8/21/2018

Well information:

**30-045-27519 NEAL A #001**

**BP AMERICA PRODUCTION COMPANY**

Application Type:

☒ P&A   ☐ Drilling/Casing Change   ☐ Location Change

☐ **Recomplete/DHC** (For hydraulic fracturing operations review EPA Underground injection control Guidance #84; Submit Gas Capture Plan form prior to spudding or initiating recompletion operations)

☐ **Other:**

Conditions of Approval:

- Notify NMOCD 24hrs prior to beginning operations.
- Extend Plug #2 1187'-1012' to cover the Ojo Alamo top. OCD Ojo Alamo pick @ 1062'

NMOCD Approved by Signature

12/26/18  
Date

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.  
NMSF078051

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
NEIL A 19. API Well No.  
30-045-27519-00-S110. Field and Pool or Exploratory Area  
BASIN FRUITLAND COAL11. County or Parish, State  
SAN JUAN COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other: COAL BED METHANE2. Name of Operator Contact: PATTI CAMPBELL  
BP AMERICA PRODUCTION COMPANY Mail: patti.campbell@bpx.com3a. Address  
1199 MAIN AVE. SUITE 101  
DURANGO, CO 813013b. Phone No. (include area code)  
Ph: 970-712-5997

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

Sec 33 T32N R11W NWSW 2140FSL 0910FWL  
36.939940 N Lat, 107.999340 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, wellbore diagrams 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.

NMOCD

DEC 12 2018

DISTRICT III

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

**Electronic Submission #432202 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 12/04/2018 (19JWS0049SE)**

Name (Printed/Typed) PATTI CAMPBELL

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 08/21/2018

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

Approved By JACK SAVAGE

Title PETROLEUM ENGINEER

Date 12/04/2018

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 mk  
A

**P&A Procedure**

**BP America – NEAL A 1**

**Basin Fruitland Coal**

**2140' FSL & 910' FWL, Section 33, T32N, R11W, San Juan County, NM**

**API 30-045-27519**

**Spud: 11/7/1989**

**Plug & Abandonment Procedure:**

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1. **Plug #1, 2310' - 2360' (Fruitland top: 2435', Perfs: 2673' – 2852'):** *RIH & set CICR at 2360'. Pressure test tubing prior to pumping cement to 1000 psi. Mix & pump 6 sxs of Class B cement (or equivalent) to plug off Fruitland perfs. Sting out of CICR leaving 50' of cement on top of retainer. Circulate hole clean. If required run by BLM, run CBL (note: circulated cement to surface on primary cement job).*
2. **Plug #2, 1891' – 2128' (Ojo Alamo & Kirtland Tops: 1966'/ 2053'):** Spot 27 sxs Class B cement in a balanced plug inside casing to cover Ojo Alamo and Kirtland tops. PUH. WOC. TIH to confirm top of plug. Re- spot if necessary.
3. **Plug #3, (50' to Surface):** Mix approximately 6 sxs of cement. Spot the surface plug to cover a minimum of 50' to surface and top off as necessary.
4. ND BOP and cut off wellhead below surface casing flange per regulation. Install P&A marker with cement to comply with regulations. RD, MOL and cut off anchors. Restore location per BLM stipulations.



# NEAL A 1

Proposed P&A

Basin Fruitland Coal

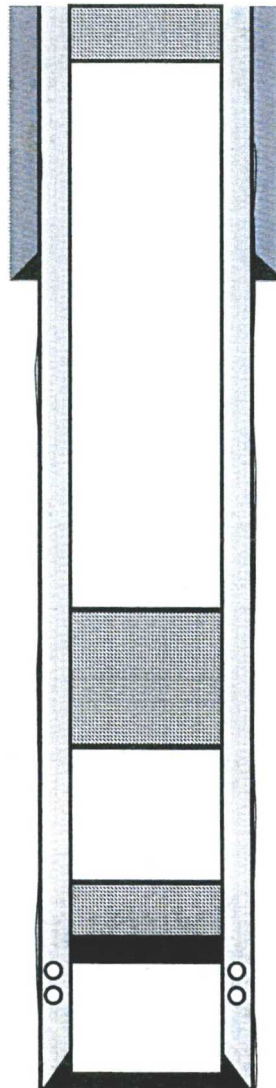
2140' FSL & 910' FWL, Section 33, T32N, R11W, San Juan County, NM

API 30-045-27519

Spud: 11/7/1989

Procedure Date: 1/8/2018

Surface Plug: 50' to Surface  
6 sxs Class B



Hole Size: 12-1/4"  
Surface Csg: 8-5/8" 23#  
Hole Size: 7-7/8"  
Prod Csg: 5-1/2" 17#

8-5/8" Set @ 263'  
Cement w/ 230 sxs  
Circulated cmt to surf  
Topped off with 20 sxs

Ojo Alamo Top 1966'  
Kirtland Top 2053'

PLUG 2: 1891- 2128'  
27 sxs Class B

Small sidetrack @ 2153'.  
No major deviation

Fruitland Top 2435'  
Fruitland Perfs: 2673- 2852'

Plug 1: 2310- 2360'  
Set CICR @ 2360'  
6 sxs of class B

5- 1/2" csg set @ 3058'  
Cemented w/ 116 sxs & tail 169 sxs  
2nd stage 362 sxs tailed w/ 50 sxs  
cmt circ to surface

PBTD: 3016'  
TD: 3061'

Well name and no: NEAL A 001

API No. 30-045-27519

### Plugging & Abandonment Surface Reclamation Plan

Operator:	BP America	Location:	Sec.33, Twn: 32N, Range 11W
Well name & No:	NEAL A 001	County, State:	San Juan County, NM
API No:	30-045-27519	Revision:	0
Surface:	BLM		
Date:	8/2/2018		

This document outlines the final reclamation plan for the NEAL A 001 well site, API 30-045-27519, based on the BLM/BP on-site inspection conducted on 8/2/2018 and in accordance with Onshore Order No. 1 and the FFO Bare Soil Reclamation Procedures C (dated 2/2013).

### PROPOSED VEGETATION RECLAMATION PLAN

#### General Notes:

- BP will comply with the requirements in accordance with the approved Sundry Notice associated with this submittal.
- BP will notify the BLM forty-eight (48) hours prior to commencing earthwork.
- BP will notify the Authorized Officer forty-eight (48) hours prior to commencing with seed application.
- All underground production piping on the well site belonging to BP, associated with the NEAL A 001 well, will be removed or abandoned-in-place if at depths greater than 36 inches.
- BP power poles, rectifier and/or radio equipment will be removed from the site.  
NO POWER POLES IDENTIFIED DURING SITE VISIT
- All rig anchors found on location belonging to the NEAL A 001 will be removed.
- Disturbance will be limited to the well site and edge of well pad and access road boundaries.
- Disturbance will be limited to disturbance required to remove equipment and piping related to the NEAL A 001 well.
- All surface equipment associated with the NEAL A 001 identified and belonging to BP on location at time of P&A will be removed from location.
- BP has no authority to address other operator equipment or pipelines.
- BP will inform other Operators and Pipeline Companies of BLM/BIA equipment removal requests/requirements at the time of reclamation plan submission and when the NEAL A 001 P&A marker is set.
- All trash, if any, will be removed from location.
- The P&A marker will be permanent and comply with all NMOCD regulations.

#### Well Site Reclamation:

(Note: some steps may occur in a different sequence than listed below)

For future reference, pre-construction conditions are documented in the attached Inspection Form and shown in the attached photos.

- Temporary and / or permanent storm water and erosion control BMP's will be employed at appropriate locations around the pad as dictated by local drainage patterns and expected areas of disturbance, slopes and across the access road. BMP's selection will be determined by local factors and will be a combination of sediment and erosion controls that are deemed effective and low maintenance. Straw wattles, diversion ditches, mulch, soil blankets, and/or other suitable BMP's may be used in various

Well name and no: NEAL A 001

API No. 30-045-27519

combinations, as appropriate, during and after construction activities. Any temporary means to control storm water will be removed before final reclamation is achieved.

- Vegetation and approximately 6 inches of soil will be stripped and stockpiled to use after grading operations to facilitate re-vegetation.
- Gravel on the well site surface will be removed.
- If there is a BGT on location it will be properly closed per NMOCD Rules and the area will be reclaimed along-side the entire well pad.
- Fill material on the location will be used to reclaim the site to near original and natural topography as is practical. The pad will be ripped and will just be disc 4-6 inches to break any clods and prepare the location for seeding. This locations reclamation will include the road leading to the well site.
- Mature, healthy vegetation on the site perimeter will be left intact to the extent possible to achieve contour.
- Natural drainage patterns will be established when possible and practical. Additional means for ensuring proper drainage, such as water bars or diversion ditches, may be employed. The natural drainage patterns already in existence will be maintained and enhanced with the fill material on site.
- Disturbed areas will be prepared for seeding.
- A seed drill will be utilized to create a firm bed.
- After the site has been prepared, the location will be seeded using appropriate equipment.
- All disturbed areas will be seeded in accordance with the FFO Bare Soil Reclamation Procedure C.

#### Access Road Reclamation:

The road into this location will continue to serve other well and will be reconstructed through the reclamation area.

#### Re-vegetation:

The planned, initial seed mixture and application rates for the Pinyon/Juniper Community identified during the site visit will be as follows. The seed application rates may be adjusted according the based upon method of application.

Species of seed		Pound/Acre (PLS)
Shadscale	<i>Atriplex canescens</i>	4.0
Needle and Thread	<i>Hesperostipa comata</i>	3.0
Western Wheat Grass	<i>Pascopyrum smithii</i>	2.0
Indian Ricegrass	<i>Achnatherum hymenoides</i>	3.5
Sand Dropseed	<i>Sporobolus cryptandrus</i>	1.0
Small flower Globemallow	<i>Sphaeralcea parvifolia</i>	0.25
Fourwing Saltbush	<i>Atriplex canescens</i>	4.0
Mormon Tea	<i>Ephedra viridis</i>	2.0
Winterfat	<i>Krascheninnikovia lanata</i>	2.0
Rubber Rabbitbush	<i>Ericameria nauseosa</i>	2.0
Bottlebrush squirreltail	<i>Elymus elymoides</i>	4.0



Well name and no: NEAL A 001

API No. 30-045-27519

Seed mixtures will be certified weed-free and the seeding records (bag labels) or other official documentation will be available to the Authorized Officer prior to seeding upon request.

Seeding will occur as soon as reasonably possible following completion of earthwork activities and timed for successful germination.

To prepare the site for seeding, only the seed drill will be necessary to create a firm bed. The seed mix is designed to be applied at 60 Total PLS per square foot which will ensure adequate stand density and diversity. Seeding will be completed using a no-till drill or Brillion drill seeder, this method allows for the handling of a wide variety of seed types and sizes in addition to establishing good seed to soil contact without undo disruption of the soil surface. Using a no till or Brillion drill also provides proper seed planting depth which will be approximately 1/8 inch.

#### Weed Management:

BP's objective is to implement an integrated weed management program to control weed populations and establish desirable vegetation. No noxious weeds were noted during the onsite visit.

Weed management and control will be performed by a properly licensed contractor and within full compliance of all federal and state laws and regulations.

Weed management and control will be performed in an environmental conscious manner using BMP's.

#### Monitoring:

BP will submit a Sundry Notice informing the BLM the earthwork and seeding is completed and requesting a joint inspection to examine the site.

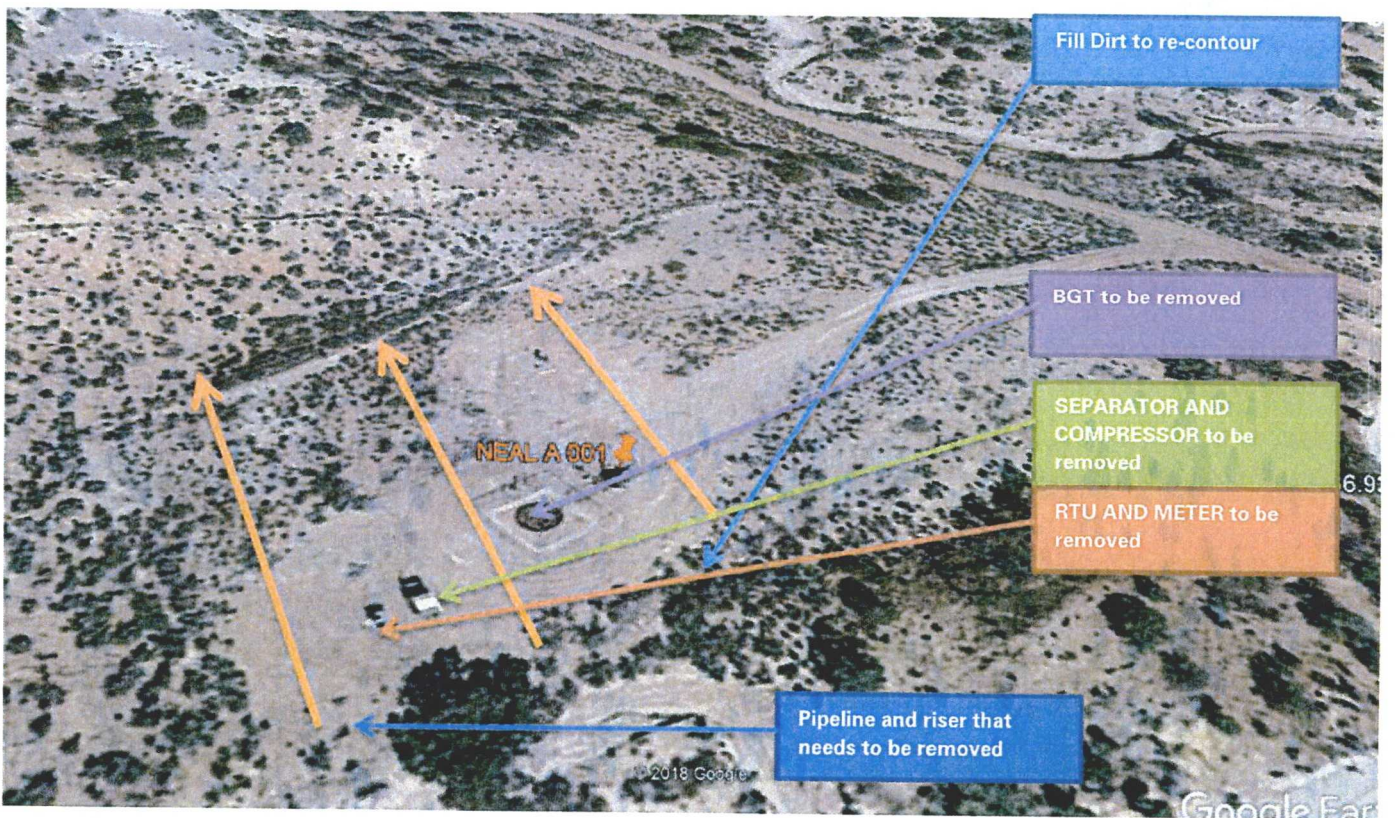
Any fencing installed to assist with re-vegetation will be removed once there is agreement from the BLM that the vegetation percent cover standard has been attained.

#### Attachments:

- P&A Field Inspection Sheet performed on 5/15/2018.
- Aerial of location.



Well name and no: NEAL A 001  
API No. 30-045-27519





### P&A Field Inspection Sheet

Date: 8/2/2018		Specialist Sabre Beebe, BP: Randy McKee, BLM	
Operator: BP America		Well Name & Number: NEAL A 001	
API Number: 30-045-27519	Section: 33	Township: 32N	Range: 11W
Lease Number: NMSF078051	Footage: 2140 FSL 910 FWL		
		County: San Juan County	State: New Mexico
Surface: BLM	Twinned/Collocated: No		
Active well name: N/A Active well API: N/A			

### Well Pad

Topography: SLIGHTLY SLOPING	Stockpile Topsoil	No
Soil Type: SANDY		
Vegetation Community: BADLANDS		
<b>VEGETATION NOTED IN AREA SURROUNDING WELL PAD</b>		
SAGE RABBIT BRUSH SAND DROPSEED NEEDLE AND THREAD FOURWING SALT BUSH ANTELOPE BITTERBRUSH		

Vegetation Cages: No

Facilities on Location:

N/A Tanks

1 Meter Runs #92715 2 INCH

1 Separators # T-9356805-05

1 Compressor

1 Day Tanks

1 Pipeline riser belonging to: ENTERPRISE

Enterprise lines and risers on and near location that Enterprise will need to address as BP cannot address other Operator's equipment. BLM is requiring that the Enterprise line be capped off pad to ensure that the fill dirt the pipeline is located in is available for full reclamation work.

1 RTU 1746

1 Solar Panel

2 Batteries

N/A Lift Equipment

Steel Pits: Below Grade: Where on Location: IN FILL SIDE

Drip or possible Drip NO

Gravel Present: Yes Bury No Place Gravel on Main Road: No

Cathodic Ground bed on location: Yes

In Service: Yes

Abandon: Yes

Plug: Yes

Remove Wire Yes

Remove Rectifier Yes

Power Poles: No METER#

Remove Power Poles: N/A

Trash on location: No N/A

Construction Diversion Ditch: N/A

Side draining	Contaminated Soil: No
Side draining	Remove: <input type="checkbox"/> Yes, where on location:

Construction Silt Trap(s): Yes, PLACEMENT TO BE DETERMINED DURING DIRT WORK

Re-Contour Disturbed Areas to Near Natural Terrain: Yes

Special Features: \_ ADJACENT TO AN ACTIVE WELL

Location & Access Barricade: Yes / How: Using Rocks from surrounding area  
Construction Comments / Concern:

**Access Road**

Access Length: 0.02 Remediation Methods: ☒ Rip ☒ Disk ☒ Water Bars ☒ Re-establish Drainages  
Other:

Access Condition: At Grade

Culverts: No

Cattle Guard: No

Reconstruct Fence: N/A

Surface Material: No

What to do with Material	REMOVE ALL MATERIAL / GRAVEL FROM LOCATION
Road Comments/Concerns	

**Noxious weeds identified at time of on site?** No , if yes list noxious weeds found



This document is classified BP Internal. Distribution is



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: Neal A 001

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 #1 (2623 – 2380) ft. to cover the Fruitland top. BLM picks top of Fruitland at 2430 ft.
  - b) Set Plug #2 (1187 – 1087) ft. to cover the Kirtland top. BLM picks top of Kirtland at 1137 ft.
  - c) Set Plug #3 (313 – 0) ft. to cover the surface casing shoe. Surface casing shoe at 263 ft.

Operator must run a CBL to verify cement top. Submit 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.