

State of New Mexico
Energy, Minerals and Natural Resources Department

Susana Martinez
Governor

Tony Delfin
Acting Cabinet Secretary

David R. Catanach, 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: 7/28/2016

Well information:

API WELL #	Well Name	Well #	Operator Name	Type	Stat	County	Surf_Owner	UL	Sec	Twp	N/S	Rng	W/E	Feet	NS	Ft	EW
30-045-27265-00-00	NORTHEAST BLANCO UNIT	449	BP AMERICA PRODUCTION COMPANY	G	A	San Juan	F	N	19	31	N	7	W	320	S	1250	W

Application Type:

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

☐ Recomplete/DHC (For hydraulic fracturing operations review EPA Underground injection control Guidance #84)

☒ Other: Deepen well for sump, into the PC.

Conditions of Approval:

Must submit mud log for review/approval prior to putting well back into production and file C-104 and completion report if perms are above or below existing perforations.

A handwritten signature in black ink, appearing to read "David R. Catanach".

NMOCD Approved by Signature

8/16/16

Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0135
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.
NMSF080557

6. If Indian, Allottee or Tribe Name

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

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.

NORTHEAST BLANCO UNIT 449

2. Name of Operator

BP AMERICA PRODUCTION COMPANY

Contact: TOYA COLVIN

Email: Toya.Colvin@bp.com

9. API Well No.

30-045-27265

3a. Address

737 NORTH ELDRIDGE PARKWAY 12.181A
HOUSTON, TX 77079

3b. Phone No. (include area code)

Ph: 281-892-5369

10. Field and Pool, or Exploratory
BASIN FRUITLAND COAL

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

Sec 19 T31N R07W SESW 320FSL 1250FWL
36.878650 N Lat, 107.613861 W Lon

11. County or Parish, and State

SAN JUAN COUNTY, NM

12. CHECK 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 checked="" 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 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 shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion 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 site is ready for final inspection.)

BP respectfully requests to deepen the subject well.

Please see the attached procedure and C-102 plat.

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

AUG 04 2016

P.C. non-prod; comp request granted 7/29/16. Opntr. is required to mud log the drilling of the sump w/ full chromatograph (C₁-C₄). Use of the proposed sump will be granted upon receipt of the mud log & BLM geologists determination that the P.C. is not "naturally productive". CEH 7/29/16

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

Electronic Submission #346013 verified by the BLM Well Information System
For BP AMERICA PRODUCTION COMPANY, sent to the Farmington

Name (Printed/Typed) TOYA COLVIN

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 07/28/2016

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

William Tambekou

Title

Petroleum Engineer

Date

8/11/2016

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

FFD

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.

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

FARMINGTON

NMOCD

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Avenue, 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 & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102

Revised July 16, 2010

Submit one copy to appropriate

District Office

☐ AMENDED REPORT**WELL LOCATION AND ACREAGE DEDICATION PLAT**

¹ API Number 30-045-27265	² Pool Code 71629	³ Pool Name Basin Fruitland Coal
⁴ Property Code 013325	⁵ Property Name Northeast Blanco Unit	⁶ Well Number 449
⁷ OGRID No. 000778	⁸ Operator Name BP America Production Company	⁹ Elevation 6314

¹⁰ Surface Location

UL or lot no. N	Section 19	Township 31N	Range 07W	Lot Idn	Feet from the 320	North/South line South	Feet from the 1250	East/West line West	County San Juan
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
¹² Dedicated Acres 259.82	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.						

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

<div style="border: 2px solid red; padding: 10px; margin: 10px;"> </div>	¹⁶	¹⁷ OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or undivided mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i> <div style="text-align: right;"> Signature Date </div> <div style="margin-top: 10px;"> Tony Colvin Printed Name </div> <div style="margin-top: 10px;"> Tony.Colvin@bp.com E-mail Address </div>
	¹⁸ SURVEYOR CERTIFICATION <i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i>	
	Date of Survey Signature and Seal of Professional Surveyor:	
	Previously Filed Certificate Number	

NEBU 449

API # 300452726500

Location: N-19-31N-07W

San Juan County, New Mexico

Reason/Background for Job

In order to maximize production by providing a "sump" from which to pump the liquids from the reservoir and ensuring the fluid level in the well stays below the coal seams, it is proposed to deepen the well, run and perforate a new liner, and install a rod pump.

Basic Job Procedure

1. Pull tubing
2. Deepen to TD of 3295'
 - i. Mud loggers will be on site as required
3. Run liner
4. Set liner hanger
5. Selectively perforate liner in the Fruitland coal
6. Run tubing
7. Run rods & pump
8. Return well to production

Current WBD



NEBU 449-FC
FC
300452726500
N-19-31N-07W
San Juan, New Mexico

Formation Tops

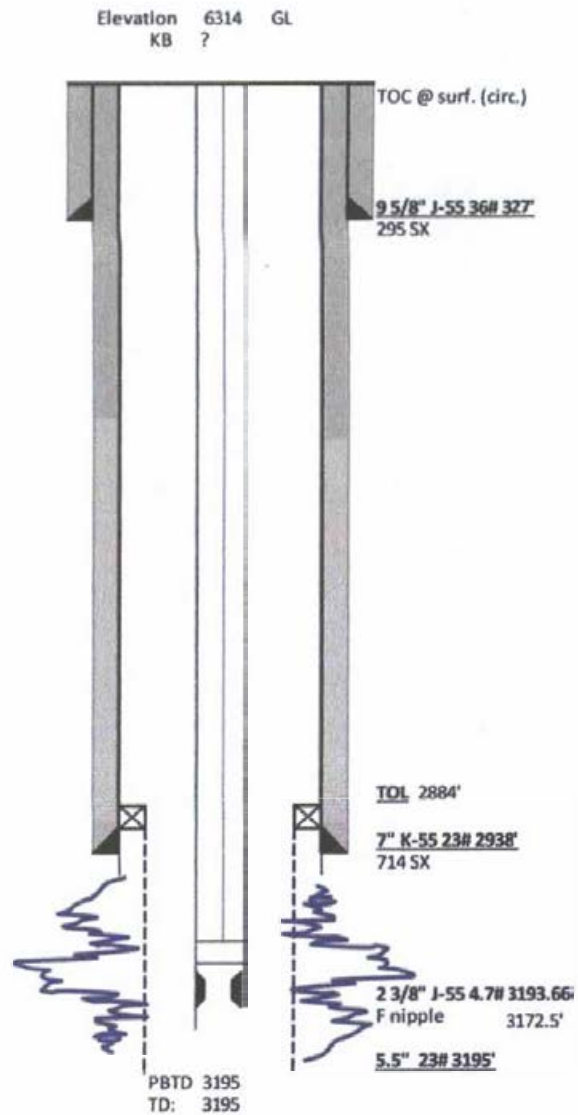
NAME	TOP	
	MEAS. DEPTH	
Ojo Alamo	2116' *	
Kirtland	2232' *	
Fruitland	2908' *	
* Inferred from offset Well Logs		

FC

2990-3195 caviated completion
preperfed liner from 2900-3195
recaviated 3/9/2000
planned to deepne into PC but doesn't look like they ever did

History:

11/1/1989 Souded Well



Proposed WBD



NEBU 449-FC
FC
300452726500
N-19-31N-07W
San Juan, New Mexico

Formation Tops

NAME	TOP	
	MEAS. DEPTH	
Ojo Alamo	2116' *	
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