

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: Well information:

API WELL #	Well Name	Well #	Operator Name	Type	Stat	County	Surf_Owner	UL	Sec	Twp	N/S	Rng	W/E
30-045-09207-00-00	STEWART LS	006	BP AMERICA PRODUCTION COMPANY	G	A	San Juan	F	H	28	30	N	10	W

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.
- Add a plug from 2991'-2891' plus excess to cover the intermediate shoe.

NMOCD Approved by Signature

3/22/18
Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**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.*FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 20185. Lease Serial No.
NMNM03566

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

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other8. Well Name and No.
STEWART LS 6

2. Name of Operator

BP AMERICA PRODUCTION COMPANY

Contact: TOYA COLVIN

Email: Toya.Colvin@bp.com

9. API Well No.
30-045-09207-00-S1

3a. Address

501 WESTLAKE PARK BLVD. THREE ELDRIDGE PLACE
HOUSTON, TX 77079

3b. Phone No. (include area code)

Ph: 281.892.5369

10. Field and Pool or Exploratory Area
BASIN DAKOTA

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

Sec 28 T30N R10W SENE 1650FNL 0990FEL
36.785950 N Lat, 107.883606 W Lon

11. County or Parish, State

SAN JUAN COUNTY, NM

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

TYPE OF SUBMISSION

TYPE OF ACTION

☒ Notice of Intent☐ Subsequent Report☐ Final Abandonment Notice☐ Acidize☐ Alter Casing☐ Casing Repair☐ Change Plans☐ Convert to Injection☐ Deepen☐ Hydraulic Fracturing☐ New Construction☒ Plug and Abandon☐ Plug Back☐ Production (Start/Resume)☐ Reclamation☐ Recomplete☐ Temporarily Abandon☐ Water Disposal☐ Water Shut-Off☐ Well Integrity☐ Other

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 is re-submitting notice to P&A for the subject well due to a change in our procedure.

Please see the attached updated P&A procedure including wellbore diagram.

NMOC

MAR 16 2018

DISTRICT III

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

**Electronic Submission #403272 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 03/05/2018 (18JWS0108SE)**

Name (Printed/Typed) TOYA COLVIN

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 02/05/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By JACK SAVAGE

Title PETROLEUM ENGINEER

Date 03/05/2018

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 **

NMOC

P&A Procedure

STEWART LS 6

Dakota

1650' FNL & 990' FEL, Section 28, T30N, R10W, San Juan County, NM

API 30-045-09207

Plug & Abandonment Procedure:

1. Operator to run CBL to verify cement tops. Plugs to be adjusted accordingly. Submit electronic copy of CBL to the following addresses: aelmadani@blm.gov; Brandon.Powell@state.nm.us
2. Plug #1, 7074' - 7124' (Dakota Top: 7254', Perfs: 7174' - 7440'): RIH & set CICR at 7124'. Pressure test tubing prior to pumping cement to 1000 psi. Mix & pump 6 sxs of Class B cement (or equivalent) to plug off Dakota 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).
3. Plug #2, 6256' - 6406' (Gallup Top: 6331'): Perforate at 6406' to squeeze inside/ outside plug using 30 sxs Class B cement to cover Gallup top. PUH. WOC. TIH to confirm top of plug. Re- spot if necessary.
4. Plug #3, 5523 - 5673' (Mancos Top: 5598'): Perforate at 5673' to squeeze inside/ outside plug using 30 sxs Class B cement to cover Mancos top. PUH. WOC. TIH to confirm top of plug. Re- spot if necessary.
5. Plug #4, 4271 - 4421 (Mesaverde Top: 4346'): Perforate at 4421' to squeeze inside/ outside plug using 30 sxs Class B cement to cover Mesaverde top. PUH. WOC. TIH to confirm top of plug. Re- spot if necessary.
6. Plug #5, 3513 - 3663' (Chacra Top: 3588'): Perforate at 3663' to squeeze inside/ outside plug using 30 sxs Class B cement to cover Chacra top. PUH. WOC. TIH to confirm top of plug. Re- spot if necessary.
7. Plug #6, 2369 - 2519' (Fruitland Top: 2444'): Perforate at 2519' to squeeze inside/ outside plug using 30 sxs Class B cement to cover Fruitland top. PUH. WOC. TIH to confirm top of plug. Re- spot if necessary.
8. Plug #7, 1436 - 1685' (Ojo Alamo and Kirtland Tops: 1486'/ 1635'): Perforate at 1685' to squeeze inside/ outside plug using 59 sxs Class B cement to cover Ojo Alamo and Kirtland tops. PUH. WOC. TIH to confirm top of plug. Re- spot if necessary.
9. Plug #8, Surface - 270' (Surface Shoe, Surface: 220'): Attempt to pressure test bradenhead annulus. If BH holds, establish circulation out csg valve. Mix ~ 30 sxs Class B and spot a balanced

plug from 270 ' to surface. Top off a necessary. If BH does not hold, perforate at appropriate depth and attempt to circulate cement to surface filling casing and annulus to surface. Shut in and WOC.

10. 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.

STEWART LS 6

Proposed P&A

STEWART LS 6

1650' FNL & 990' FEL, Section 28, T30N, R10W, San Juan County, NM

API 30-045-09207

Surface Plug: 0-270'
30 sxs Class B

Ojo Alamo Top @ 1486'

Kirtland Top @ 1635'

Fruitland Top @ 2444'

Chacra Top @ 3588'

Mesaverde Top @ 4346'

Mancos Top @ 5598'

Gallup Top @ 6331'

Dakota Top @ 7254'

Dakota Perfs: 7174- 7440'

PLUG 7: 1436- 1685'
59 sxs Class B
Perf & Squeeze @ 1685'

PLUG 6: 2369- 2519'
30 sxs Class B
Perf & Squeeze @ 2519'

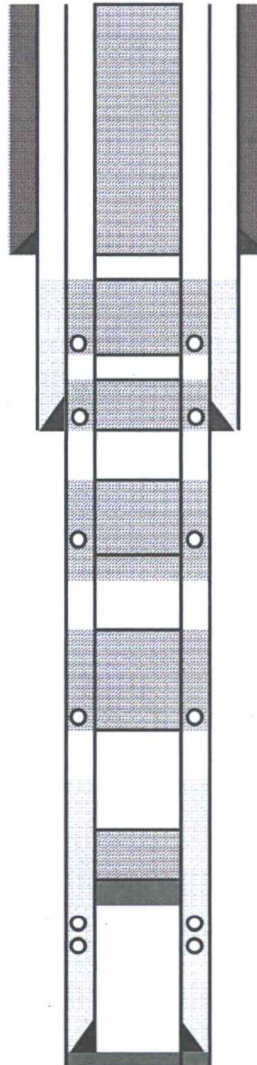
PLUG 5: 3513- 3663'
30 sxs Class B
Perf & Squeeze @ 3663'

PLUG 4: 4271- 4421'
30 sxs Class B
Perf & Squeeze @ 4421'

PLUG 3: 5523- 5673'
30 sxs Class B
Perf & Squeeze @ 5673'

PLUG 2: 6256- 6406'
30 sxs Class B
Perf & Squeeze @ 6406'

PLUG 1: 7074- 7124'
Set CIGR @ 7124'
6 sxs Class B



Surface Csg: 10-3/4" 32.75#

Int Csg: 7-5/8" 26#
Prod Csg: 5-1/2" 17#

10-3/4" Set @ 220'
Cmt w/ 225 sxs
Circulated cmt to surf

7-5/8" csg set @ 2941'
Cemented w/ 250 sxs
TOC ?

5-1/2" csg set @ 7559'
Cemented w/ 250 sxs tailed w/ 75 sxs
TOC ?

PBTD: 7525'
TD: 7559'

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: Stewart LS 6

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.

H₂S has not been reported in this section, however, low to high concentrations of H₂S (7ppm – 180 pm GSV) have been reported in wells within a 1 mile radius of this location.

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 aelmadani@blm.gov 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.

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NMOC

MAR 22 2018

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1. Add Plug (2845-2745) ft. to cover the Pictured Cliffs tops. BLM picks top of Pictured Cliffs at 2795 ft.

H₂S has not been reported in this section, however, low to high concentrations of H₂S (7ppm – 180 ppm GSV) have been reported in wells within a 1 mile radius of this location.

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 aelmadani@blm.gov 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.