Form 3160-5
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

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.

5. Lease Serial No.
NMSF078390

6. If Indian, Allottee or Tribe Name

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

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.
JONES A LS 4

2. Name of Operator
BP AMERICA PRODUCTION CO
Contact: MARY CORLEY
E-Mail: CORLEYML@BP.COM

9. API Well No.
30-045-07485-00-S1

3a. Address
PO BOX 3092
HOUSTON, TX 77253

3b. Phone No. (include area code)
Ph: 281.366.4491

10. Field and Pool, or Exploratory
BLANCO MESAVERDE
OTERO CHACRA

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Sec 13 T28N R8W NWNE 0990FNL 1830FEL
36.66586 N Lat, 107.62914 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			
☒ 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 recomplete 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 America Production Company request permission to recomplete the subject well into the Otero Chacra Pool and commingle production Downhole with the existing Blanco Mesaverde as per the attached procedure.
The Blanco Mesaverde (72319) and Otero Chacra (82329) Pools are Pre-Approved Pools for Downhole Commingling per NMOCD order R-11363. The working and overriding royalty interest owners in the proposed commingled pools are identical, therefore no additional notification is required.
Production is proposed to be allocated based on the subtraction method using the projected future decline for production from the Mesaverde. That production shall serve as a base for production subtracted from the total production for the commingled well. The balance of the production will be attributed to the Chacra. Attached is the future production decline estimates for the Mesaverde.
Commingling Production Downhole in the subject well from the proposed Pools with not reduce the

CONDITIONS OF APPROVAL
Adhere to previously issued stipulations.

14. I hereby certify that the foregoing is true and correct.
Electronic Submission #54835 verified by the BLM Well Information System
For BP AMERICA PRODUCTION CO, sent to the Farmington
Committed to AFMSS for processing by MATTHEW HALBERT on 03/18/2005 (05MXH0477SE)

Name *(Printed/Typed)* MARY CORLEY — Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission) — Date 03/08/2005

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____ Title Pet. Eng Date 3/18/05

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

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.

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

NMOCD

Additional data for EC transaction #54835 that would not fit on the form

32. Additional remarks, continued

value of the total remaining production

Jones A LS 4 API #: 30-045-07485
Complete into the Chacra & DHC with the Mesaverde
February 28, 2005

Procedure:

1. Perform pre-rig site inspection. Check for: size of location, Gas Taps, other wells, other operators, running equipment, wetlands, wash (dikes req.), H2S, barriers needed for equipment, Landowner issues, location of pits (buried lines in pits), Raptor nesting, critical location, check anchors. Check ID wellhead, if earth pit is required have One Call made 48 hours prior to digging.

2. Perform second site visit after lines are marked to ensure all lines clear marked pit locations. Planning and Scheduling to ready location for rig.

3. RU slickline unit or wireline unit. Pressure test lubricator and equipment. RIH and set **two** barriers (CIBP, tbg collar stop w/plug, or plug set in nipple) for isolation in tubing string.

4. Check and record tubing, casing, and bradenhead pressures. Ensure production casing has double casing valves installed. Double valve all casing strings.

5. MIRU workover rig. LO/TO all necessary equipment including but not limited to: meter run, Automation, Separators and water lines.

6. Blow down well. Kill with 2% KCL water ONLY if necessary.

7. Check all casing strings to ensure no pressure exist on any annulus. **The operations of removal of wellhead and installation of BOP's will be performed under a dispensation for one (1) barrier on the backside.**

8. Nipple down Wellhead. NU BOPs and diversion spool with 3" outlets and 3" pipe to the blow tank. Pressure test BOPs to 200 psi above BHP. Monitor flowing casing pressure with gauge (with casing flowing to blow tank) throughout workover.

9. Install stripping rubber, pull tubing hanger up above pipe rams, and shut pipe rams. Remove stripping rubber. Strip tubing hanger out of hole. Re-install stripping rubber.

10. TOH and LD 2-3/8" production tubing currently set at 5282'. Using approved "Under Balance Well Control Tripping Procedure".

11. TIH w/ scraper for 5-1/2". Check the distance between the top of the blind rams and the length of the bottom hole assembly that is being run. If the BHA is too long then the well has to be top killed and monitored prior to opening bind rams. RIH to PBTD at 5,320'. POOH.

12. Set bridge plug at 4,600'. Fill casing w/ 2%KCl and test to 2,500 psi w/ rig pumps.

13. Prepare for explosive operations. Follow Schlumberger Explosive SOP including radio silence, suspension of welding operations, and isolation of electrical devices from the work area. Perform Pre-job Safety Meeting to review JSA and procedures. Meeting should address the VDR (vehicle data recorder) System that Bp people have installed on their vehicles. They must be shut off at the 300 foot sign by hitting 00 and then the enter button, and then wait for about 5 minutes for the unit to turn off. When the green light goes out, call the control center at 326-9475. This number is on a pickup list in the Optimizer room and should be your first point of contact followed by the front desk then the weekend pager. Verify the unit is not transmitting. You then can drive to location and park,

but do not to exceed 10 Miles/hr. Note: 20 MPH will turn unit back on. If someone has On Star on their vehicle they cannot enter closer than 300 foot. On Star cannot be turned off. PLEASE take special caution. This is in conjunction with all cell phones, pagers, radios and any electronic devise that transmits a signal.

14. Perforate squeeze holes at 4,050' (previous CBL indicated TOC at 4,110).

15. Set cement retainer at 4,000'.

16. Sting into retainer. Circulate cement down tubing and up 5-1/2" by 7-5/8" annulus.

17. Sting out of retainer and circulate cement off of top of retainer. POOH and WOC.

18. RU E-line and run CBL from retainer to 2500' to confirm TOC is above Chacra.

19. RIH with 3-1/8" casing guns w/lubricator. Perforate Chacra formation w/ 4 SPF.

20. NU Frac isolation equipment. Install and monitor production casing and treating pressure during entire job in frac van via pressure transducers on production casing and treating line. Spearhead 500 gal 15% HCL, establish injection rate, and proceed with fracture stimulation according to Schlumberger schedule. Maintain surface pressures , 3000 psi during frac job. Flush frac with foam. Fill out GWSI scorecard.

21. Flowback frac immediately. Flow well through choke manifold on ¼", ½" and ¾" chokes increasing drawdown until well dies or stabilizes. This is to aid in reducing sand flowback. Recommend 8 hours of flow for each choke size.

22. Rig up air package/unit, pressure test all lines (Testing procedure to be supplied from air company), TIH with tubing and bit for 5-1/2" casing. Cleanout fill to top of BP set at 4,600'. **Perform well test on Chacra for regulatory and document well test in DIMS.**

23. Cleanout fill, cement retainer, & BP set at 4600'. Cleanout to PBTD at 5,320'. Blow well dry.

24. Rabbit tubing and RIH with 2-3/8" production tubing (with muleshoe, F-nipple with plug, 4 ft pup, X-nipple with plug).

25. Land 2-3/8" production tubing at +/-5,285'. Lock down hanger.

26. Pressure test tubing to 500 psi with air unit, make sure tubing spool valves are open. Care should be taken during pressure testing of the tubing due to potential problem caused if tubing parts close to surface or above the hanger. Check all casing string for pressure. **The operations of removal of wellhead and installation of BOP's will be performed under a dispensation for one (1) barrier on the backside.**

27. ND BOP's. NU Wellhead. During Master valve placement ensure the top of hanger has spacer nipple in place to bottom of bonnet flange so plunger equipment will not hang up through tree. Pressure test Wellhead.

28. RU WL unit. Run gauge ring for 2-3/8" tubing. Pull plugs and set tubing stop for plunger. Communicate plunger equipment status to IC room personnel.

29. RD slickline unit.

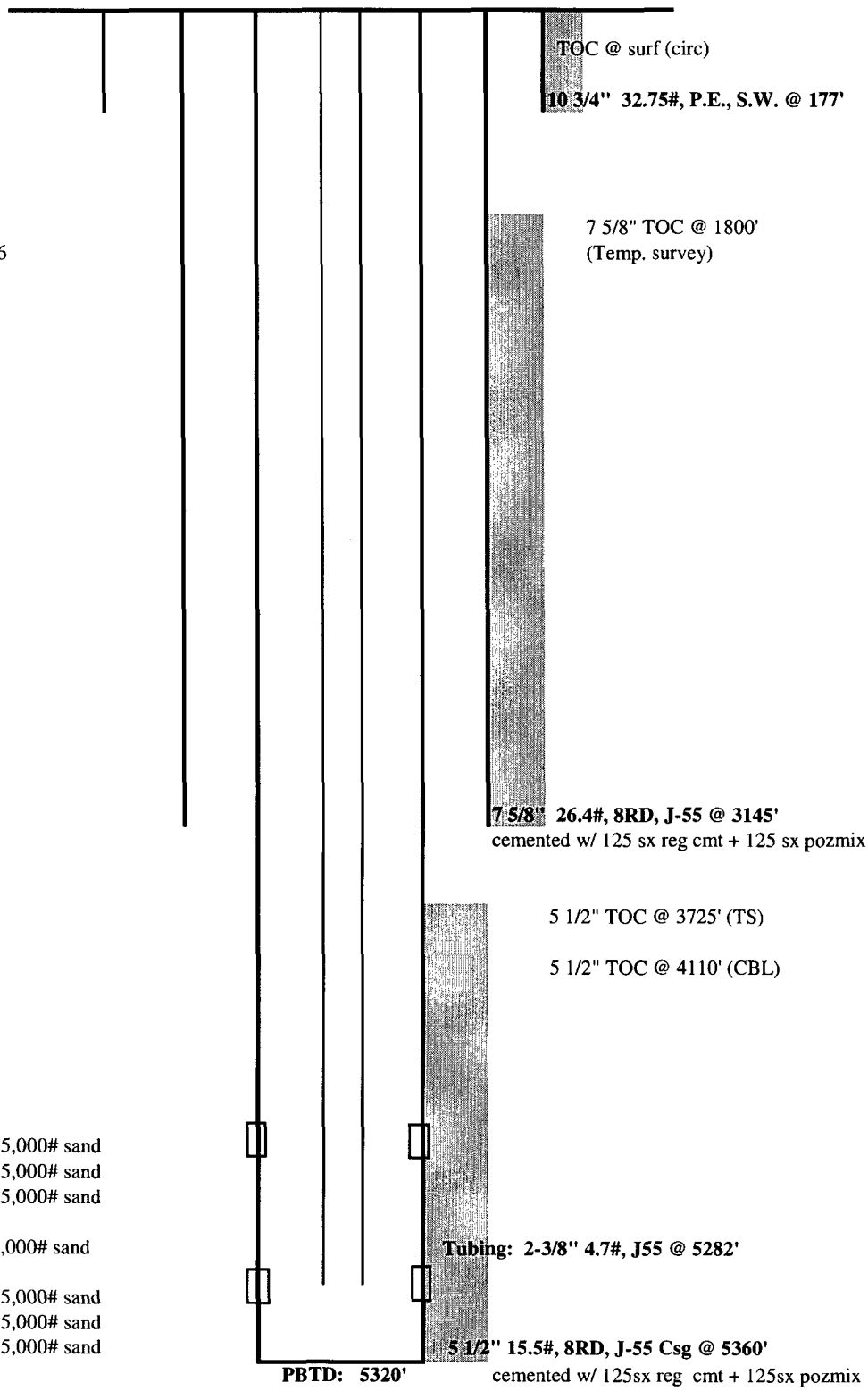
30. Test well for air. Return well to production and downhole co-mingle Chacra and Mesaverde.

Jones A LS 4

Sec 13, T28N, R8W

API #: 3004507485

GL: 6390'



History:
- Drilled and completed in 1956
- Added Menefee in 03

MV perforations
4656' - 4668', 4 spf, frac'd w/ 55,000# sand
4680' - 4690', 4 spf, frac'd w/ 55,000# sand
4744' - 4756', 4 spf, frac'd w/ 55,000# sand

4856'-5140', 2 spf, frac'd w/ 75,000# sand

5221' - 5233', 4 spf, frac'd w/ 55,000# sand
5262' - 5275', 4 spf, frac'd w/ 55,000# sand
5296' - 5313', 4 spf, frac'd w/ 55,000# sand

updated: 02/1/04 CFR

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-102
Revised August 15, 2000

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

[1] API Number	[2] Pool Code	[3] Pool Name
30-045-07485	82329	Otero Chacra

[4] Property Code	[5] Property Name	[6] Well Number
000759	Jones A LS	4

[7] OGRID No.	[8] Operator Name	[9] Elevation
000778	BP America Production Company	6310' GR

[10] Surface Location

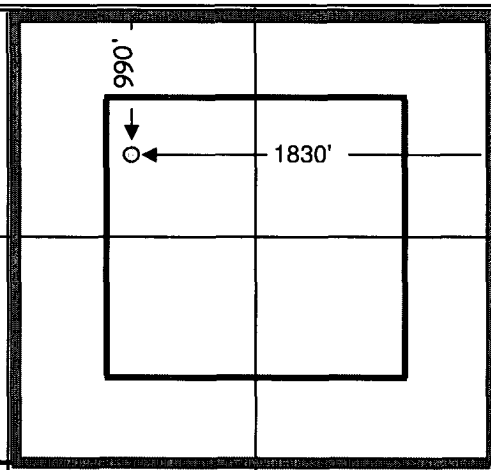
UL or lot no.	Section	Township	Range	Lot Idn	Feet from	North/South	Feet from	East/West	County
B	13	28N	08W		990	North	1830	East	San Juan

[11] Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from	North/South	Feet	East/West	County

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
160			

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



[17] OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Mary Corley

Signature

Mary Corley

Printed Name

Sr. Regulatory Analyst

Title

3/8/2005

Date

[18] SURVEYOR CERTIFICATION

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.

12/23/1956

Date of Survey

Signature and Seal of Professional Surveyor:

C O Walker

Certificate Number

Jones A LS 4 Future Production Decline Estimate

Mesaverde Daily Rates

3/8/2005

Month	Gas Volume
Jan-2004	**154**
Feb-2004	**128**
Mar-2004	**141**
Apr-2004	**135**
May-2004	**129**
Jun-2004	**93**
Jul-2004	**123**
Aug-2004	**120**
Sep-2004	**120**
Oct-2004	**126**
Nov-2004	**123**
Dec-2004	**125**
Jan-2005	**106**
Feb-2005	106
Mar-2005	105
Apr-2005	105
May-2005	104
Jun-2005	104
Jul-2005	104
Aug-2005	103
Sep-2005	103
Oct-2005	102
Nov-2005	102
Dec-2005	102
Jan-2006	101
Feb-2006	101
Mar-2006	100
Apr-2006	100
May-2006	100
Jun-2006	99
Jul-2006	99
Aug-2006	99
Sep-2006	98
Oct-2006	98
Nov-2006	97
Dec-2006	97

ln(Qf/Qi) = -dt
Qf= 125
Qi= 129
rate= 125
time= 8
dt= -0.031498667
decline= -0.003937333

Month	Gas Volume
Jan-2007	97
Feb-2007	96
Mar-2007	96
Apr-2007	95
May-2007	95
Jun-2007	95
Jul-2007	94
Aug-2007	94
Sep-2007	94
Oct-2007	93
Nov-2007	93
Dec-2007	92
Jan-2008	92
Feb-2008	92
Mar-2008	91
Apr-2008	91
May-2008	91
Jul-2008	90
Aug-2008	90
Sep-2008	90
Oct-2008	89
Nov-2008	89
Dec-2008	89
Jan-2009	88
Feb-2009	88
Mar-2009	88
Apr-2009	87
May-2009	87
Jun-2009	86
Jul-2009	86
Aug-2009	86
Sep-2009	85
Oct-2009	85
Nov-2009	85
Dec-2009	84
Jan-2010	84

Month	Gas Volume
Feb-2010	84
Mar-2010	83
Apr-2010	83
May-2010	83
Jun-2010	83
Jul-2010	82
Aug-2010	82
Sep-2010	82
Oct-2010	81
Nov-2010	81
Dec-2010	81
Jan-2011	80
Feb-2011	80
Mar-2011	80
Apr-2011	79
May-2011	79
Jun-2011	79
Jul-2011	78
Aug-2011	78
Sep-2011	78
Oct-2011	77
Nov-2011	77
Dec-2011	77
Jan-2012	77
Feb-2012	76
Mar-2012	76
Apr-2012	76
May-2012	75
Jun-2012	75
Jul-2012	75
Aug-2012	74
Sep-2012	74
Oct-2012	74
Nov-2012	74
Dec-2012	73
Jan-2013	73

Jones A LS 4 Future Production Decline Estimate
Mesaverde Daily Rates

3/8/2005

Month	Gas Volume
Feb-2013	73
Mar-2013	72
Apr-2013	72
May-2013	72
Jun-2013	72
Jul-2013	71
Aug-2013	71
Sep-2013	71
Oct-2013	70
Nov-2013	70
Dec-2013	70
Jan-2014	70
Feb-2014	69
Mar-2014	69
Apr-2014	69
May-2014	69
Jun-2014	68
Jul-2014	68
Aug-2014	68
Sep-2014	67
Oct-2014	67
Nov-2014	67
Dec-2014	67
Jan-2015	66
Feb-2015	66
Mar-2015	66
Apr-2015	66
May-2015	65
Jun-2015	65
Jul-2015	65
Aug-2015	65
Sep-2015	64
Oct-2015	64
Nov-2015	64
Dec-2015	64
Jan-2016	63

Month	Gas Volume
Feb-2016	63
Mar-2016	63
Apr-2016	63
May-2016	62
Jun-2016	62
Jul-2016	62
Aug-2016	62
Sep-2016	61
Oct-2016	61
Nov-2016	61
Dec-2016	61
Jan-2017	60
Feb-2017	60
Mar-2017	60
Apr-2017	60
May-2017	60
Jun-2017	59
Jul-2017	59
Aug-2017	59
Sep-2017	59
Oct-2017	58
Nov-2017	58
Dec-2017	58
Jan-2018	58
Feb-2018	57
Mar-2018	57
Apr-2018	57
May-2018	57
Jun-2018	57
Jul-2018	56
Aug-2018	56
Sep-2018	56
Oct-2018	56
Nov-2018	55
Dec-2018	55
Jan-2019	55