

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. 1004-0135

Expires November 30, 2000

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. SF - 079938
2. Name of Operator BP America Production Company Attn: Mary Corley		6. If Indian, Allottee or tribe Name
3a. Address P.O. Box 3092 Houston, TX 77253	3b. Phone No. (include area code) 281-366-4491	7. Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1450' FSL & 1740' FEL Sec 35 T29N R08W		8. Well Name and No. Jones LS 1A
		9. API Well No. 30-045-22833
		10. Field and Pool, or Exploratory Area Blanco MV & PC & Otero Chacra
		11. County or Parish, State San Juan County, New Mexico

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE, OR 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"/> 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"/> Abandon
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Water Disposal	
	<input type="checkbox"/> Injection	<input type="checkbox"/> Plug Back	<input checked="" type="checkbox"/> Other	Downhole Commingle

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 recompleat 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 complete the subject well into the Otero Chacra Pool and commingle production Downhole with the existing Blanco Mesaverde & Pictured Cliffs production as per the attached procedure.

Production is proposed to be allocated based on a fixed percentage. Each zone will be tested to determine the percentage of the whole to be allocated to each zone. A test will be performed on the Mesaverde prior to initiating the recompleat into the Chacra. Upon completion into the Chacra a combined test will be performed on both the Chacra and the Pictured Cliffs then the Pictured Cliffs will be isolated from the Chacra and the Chacra will be tested to determine the volume to be attributed to the Pictured Cliffs.

Form C-107A is being submitted (copy attached) to NMOCD for their approval

Commingleing Production Downhole in the subject well from the proposed Pools with not reduce the value of the total remaining production

14. I hereby certify that the foregoing is true and correct		SEE ATTACHED FOR <i>PHC 3434</i>	
Name (Printed/typed) Mary Corley		Title Senior Regulatory Analyst	
Signature <i>Mary Corley</i>		Date 9/31/2005	
THIS SPACE FOR FEDERAL OR STATE OFFICE USE			
Approved by <i>[Signature]</i>		Title Petr. Eng.	Date 10/28/05
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 RECEIVED PM	
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.			

NMOCD

CONDITIONS OF APPROVAL
Adhere to previously issued stipulations.

Jones LS 1 A
Procedure to Complete into the Chacra & DHC with Mesaverde & Pictured Cliffs
March 9, 2005

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 strings.
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.
10. TOH and LD 1-1/4" production tubing currently set at 2712'. Using approved "Under Balance Well Control Tripping Procedure".
11. TOH w/ packer and 2-3/8" production tubing currently set at 5137'. Using approved "Under Balance Well Control Tripping Procedure".
12. TIH w/ scraper for 4-1/2". 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 blind rams. RIH to PBTD at 5,206'. POOH.
13. Set bridge plug at 4,000'. Fill casing to PC w/ 2%KCl.
14. RU E-line equipment. Pressure test lubricator and equipment. Log well w/ CBL from PBTD to TOL. If TOC is below Chacra, contact engineer to discuss need for remedial cement squeeze.

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

Form C-102
Revised August 15, 2000

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-22833		² Pool Code 82329	³ Pool Name Otero Chacra
⁴ Property Code 000762	⁵ Property Name Jones LS		⁶ Well Number 1A
⁷ OGRID No. 000778	⁸ Operator Name BP America Production Company		⁹ Elevation 5980' GR

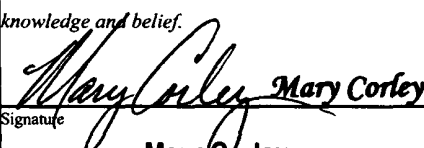
¹⁰ Surface Location

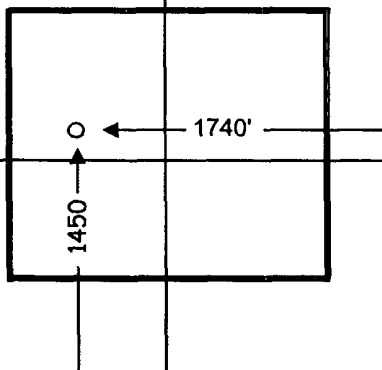
UL or lot no. J	Section 35	Township 29N	Range 08W	Lot Idn	Feet from 1450	North/South South	Feet from 1740	East/West East	County San Juan
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from	North/South	Feet	East/West	County
¹² Dedicated Acres 160		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

					¹⁷ OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i>		
					 Signature Mary Corley		
					Printed Name Sr. Regulatory Analyst		
					Title 4/1/2005		
						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>	
						11/19/1977	
						Date of Survey	
						Signature and Seal of Professional Surveyor: Fred B Kerr 3950 Certificate Number	



15. TIH w/ workstring and blow well dry.
16. 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.
17. RIH with 3-1/8" casing guns w/lubricator. Perforate Chacra formation w/ 4 SPF.
18. RIH w/ packer and 3-1/2" by 2-7/8" frac string. Set packer at 2,800'.
19. 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, less than 5,000 psi during frac job. Flush frac with foam. Fill out GWSI scorecard.
20. Flowback frac immediately. Flow well through choke manifold on 1/4", 1/2" and 3/4" 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.
21. Rig up air package/unit, pressure test all lines (Testing procedure to be supplied from air company), TIH with tubing and bit for 4-1/2" casing. Cleanout fill to top of BP set at 4,000'. **Perform well test on Chacra for regulatory and document well test in DIMS.**
22. Cleanout fill and BP set at 4,000'. Cleanout to PBTD at 5,206'. Blow well dry.
23. Rabbit tubing and RIH with 2-3/8" production tubing (with muleshoe, F-nipple with plug, 4 ft pup, X-nipple with plug).
24. Land 2-3/8" production tubing at +/-5,150'. Lock down hanger.
25. 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.**
26. 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.
27. 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.
28. RD slickline unit.
29. Test well for air. Return well to production and downhole tri-mingle PC, Chacra and Mesaverde.

Jones LS 1 A
Sec 35, T29N, R8W
API # 30-045-22833

GL: 5980'

History:
Completed as MV in 7/78

Pictured Cliffs Perforations
2574' - 2692' w/ 54,000 #'s sand

Packer w/ PBR set at 2771'

Mesaverde Perforations
4098' - 4616' w/ 83,000 #'s sand
4770' - 5202' w/ 68,000 #'s sand

est. TOC @ surface (circ)

9-5/8", 32.3#, H-40 @ 215'
224 cu ft cmt (circulated)

Est. TOC @ 1150'

1-1/4" tubing set at 2712'

4-1/2" liner hanger @ 2739'

7", 20#, K-55 @ 2941'
303 cu ft cmt

Tubing: 2-3/8" @ 5137'

4-1/2" liner, 10.5#, K-55 @ 5224'
433 cu ft cmt

PBTD: 5206'
TD: 5224'

updated: 3/9/05 CFR

District I
1625 N. French Drive, Hobbs, NM 88240

2000

District II

811 South First Street, Artesia, NM 88210

District III

1000 Rio Brazos Road, Aztec, NM 87410

Pools

District IV

2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-107A
Revised May 15,

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, New Mexico 87505

APPLICATION TYPE

☒ Single Well

☐ Establish Pre-Approved

EXISTING WELLBORE

☒ Yes ☐ No

APPLICATION FOR DOWNHOLE COMMINGLING

BP America Production Company P. O. Box 3092 Houston, TX 77253

Operator

Address

Jones LS

1A

Unit J Section 35 T29N, R08W

San Juan

Lease

Well No.

Unit Letter-Section-Township-Range

County

OGRID No. 000778 Property Code 000762 API No. 30-045-22833 Lease Type: ☒ Federal ☐ State ☐ Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Blanco Pictured Cliffs	Otero Chacra	Blanco Mesaverde
Pool Code	72359	82329	72319
Top & Bottom of Pay Section (Perforated or Open-Hole Interval)	2574' - 2692'	To Be Determined	4098' - 5202'
Method of Production (Flowing or Artificial Lift)	Artificial Lift	Flowing	Artificial Lift
Bottomhole Pressure	475	430	480
Oil Gravity or Gas BTU (Degree API or Gas BTU)	950	1230	950
Producing, Shut-In or New Zone	Producing	New Zone	Producing
Date and Oil/Gas/Water Rates of Last Production.	Date: Rates:	Date: Rates:	Date: Rates:
Fixed Allocation Percentage	Oil % Gas %	Oil % Gas %	Oil % Gas %

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones?
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail?

Yes ☒ No ☐
Yes ☐ No ☐

Are all produced fluids from all commingled zones compatible with each other?

Yes ☒ No ☐

Will commingling decrease the value of production?

Yes ☐ No ☒

If this well is on, or communitized with, state or federal lands, has either the Commissioner of Public Lands
or the United States Bureau of Land Management been notified in writing of this application?

Yes ☐ No ☐

NMOCD Reference Case No. applicable to this well: _____

Attachments:

- C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
- Production curve for each zone for at least one year. (If not available, attach explanation.)
- For zones with no production history, estimated production rates and supporting data.
- Data to support allocation method or formula.
- Notification list of working, royalty and overriding royalty interests for uncommon interest cases.
- Any additional statements, data or documents required to support commingling.

PRE-APPROVED POOLS

If application is to establish Pre-Approved Pools, the following additional information will be required:

- List of other orders approving downhole commingling within the proposed Pre-Approved Pools
- List of all operators within the proposed Pre-Approved Pools
- Proof that all operators within the proposed Pre-Approved Pools were provided notice of this application.
- Bottomhole pressure data.

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

SIGNATURE Mary Corley TITLE Sr. Regulatory Analyst DATE 04/01/2005

TYPE OR PRINT NAME Mary Corley TELEPHONE NO. (281) 366-4491

Conditions of Approval:

Notice of Intent: Log well with CBL from PBTD to TOL

**BP AMERICA PRODUCTION CO
Gallegos Canyon Unit # 244
1850 FSL & 2510 FEL
Sec 36., T28N., R12W.,
API # 3004511690**

- 1. It is recommended if remedial cement work is required, you contact the FFO (Matt Halbert 505-599-6350) to discuss the planned procedure for the squeeze work.**