Form 3160-5 (August 1999)

UNITED STATES

FORM APPROVED

SURBAY OF LAND MANAGEMENT SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to re-anter an abandoned wall. Use form 316-03 (APD) for such proposals. SUBMIT IN TRIPLICATE - Other Instructions on reverse side. 1. Type of Well	(Magast 1777)		PARTMENT OF THE					NO. 1004-0135 lovember 30, 2000
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. Contact: CHERRY HLAVA Chiral Book Contact: CHERRY HLAVA Contact: CHERRY HLAVA Submit CHERRY HLAVA Submit					•		5. Lease Serial No.	
SUBMIT IN TRIPLICATE - Other instructions on reverse side. Title in CA/Agreement, Name and/or No.	E	SUNDRY On not use thi	NOTICES AND REPO is form for proposals to	ORIS ON WELL o drill or to re-ent	or an			
Type of Well	at	andoned we	II. Use form 3160-3 (Al	PD) for such prop	osals.			
2. Name of Operator By AMERICA PRODUCTION COMPANY 2. Name of Operator By AMERICA PRODUCTION COMPANY 2. Address P.O. BOX 3092 P.	SUBMIT IN TRIPLICATE - Other instructions on reverse side.						ী. If Unit or CA/Agr	reement, Name and/or No.
BP AMERICA PRODUCTION COMPANY E-Mail: hisvac@bp.com 30-039-22524 31. Address 32. Address 33. Pienes No (finalida eras code) Ph. 281.366.4081 Fx: 281.366.4081 Fx: 281.366.0700 11. County or Parish, and State RIO ARRIBA 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 Alter Casing Subsequent Report Casing Repair New Construction Plug and Abandon Recomplete Change Plans Convert to Injection Plug Back Water Disposal How Construction Depen and Abandon Production (Start/Resume) How Construction Recomplete Subsurface Comminging Hug and Abandon How 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 despen directionally or recomplete horizonally, give subserface 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 if evil his LMRIA. Required subscripets shall be filled within 30 days for the state of the state o	••	Gas Well Ott	ner			<u>~</u> ₩2	8. Well Name and No.	o. NT 148 24
P.D. 8DX 3092 Pic. 281.366.4081 PICTURED CLIFFS & OTERO CHACE HOUSTON, TX 77253 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 14 T25N R5W NWNW 945FNL 935FWL 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION B Notice of Intent Acidize Production (Start/Resume) Water Shut-Off Rough Production (Start/Resume) Water Shut-Off Recomplete Report R	2. Name of Operator BP AMERICA P	RODUCTION				\.		
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TYPE OF SUBMISSION Acidize	Sec 14 T25N R	5W NWNW 94	5FNL 935FWL				RIO ARRIBA (COUNTY, NM
TYPE OF SUBMISSION Acidize								
Notice of Intent Acidize Deepen Production (Start/Resume) Water Shut-Off Alter Casing Fracture Treat Reclamation Well Integrity Casing Repair New Construction Recomplete Subsurface Commingly Final Abandonment Notice Change Plans Plug and Abandon Temporarily Abandon Convert to Injection Plug Back Water Disposal Subsequent Report Convert to Injection Plug Back Water Disposal Subsequent 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 BLMBIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomplete in a new interval, a Form 316-04 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 requests permission to complete the subject well into the Blanco South Pictured Cliffs and commingle production downhole with the existing Otero Chacra pool as per the attached procedure. The Otero Chacra (82329) and Blanco South Pictured Cliffs (72439) are Pre-Approved Pools for Downhole Commingling per NMOCD order R-11363. The working, overriding, and royalty interest owners in the proposed commingled pools are identical, therefore, no notification of this application need be submitted via certified mail (return receipt). Production is proposed to be allocated based on the subtraction method using the projected future decline for production from the Chacra pool. That production sh	12. (CHECK APPI	ROPRIATE BOX(ES)	TO INDICATE NA	TURE OF N	OTICE, RI	EPORT, OR OTH	ER DATA
Subsequent Report	TYPE OF SUBI	MISSION	TYPE OF ACTION					
Subsequent Report Casing Repair New Construction Recomplete Subsurface Commingling	Notice of Inter	nt	☐ Acidize	☐ Deepen		☐ Product	tion (Start/Resume)	☐ Water Shut-Off
Final Abandonment Notice	_		☐ Alter Casing	☐ Fracture	Treat	☐ Reclam	ation	■ Well Integrity
Plug and Abandonment Notice Change Plans Plug and Abandon Plug Back Water Disposal	☐ Subsequent Re	port	- • •	_			•	
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Signature (Electronic Submission) Date 02/11/2002	14. Thereby certify th	lat the foregoing i	Flectronic Submission	n #10281 verified by PRODUCTION COM	the BLM Well PANY, sent to	Information the Rio Pu	n System Ierco	
	Name (Printed/Typ	ed) CHERRY	HLAVA Cherry	Hlava Til	le AUTHO	RIZED REI	PRESENTATIVE	
	Signature	(Electronic	Submission)	Da	tc 02/11/20	002		
	2-8	(======================================					ISF	

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. 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.

Isl Brian W. Davis

_Approved By

Landiq and Minorel Resourced Title

Date

Additional data for EC transaction #10281 that would not fit on the form

32. Additional remarks, continued

subtracted from the total production for the commingled well. The balance of the production will be attributed to the Blanco South Pictured Cliffs. Attached is the future production decline estimate for the Otero Chacra.

Commingling Production Downhole in the subject well from the proposed pools with not reduce the value of the total remaining production.

Jicarilla Contract 148 - 24 Unit D Sec 14 T25N-R5W API 30-039-225240 Rio Arriba County, NM

February 4, 2002

Reason for work

This well is to be completed in the PC and down hole commingled with the existing CK.

Procedure

- 1. Prepare location. Test deadmen anchors.
- 2. MIRU PU. Record TP and CP. ND tree. NU BOP.
- 3. Tag for fill. POOH strapping pipe. Visually inspect and lay down any bad joints.
- 4. RIH with 4-1/2" 10.5# csg scraper to 4268' PBTD. POOH.
- 5. RIH with CIBP on tbg. Set CIBP at +/- 3500'.
- 6. Load hole with KCl water and test to 2000 psi.
 - NOTE: Burst rating of 4-1/2" 10.5# K55 is 4790 psi.
- 7. RU electric line. Log GR-CCL strip from 3500' 3000'. Correlate to Dresser Atlas log dated 12/8/80.
- 8. Perforate following interval in Pictured Cliffs sand with 3-1/8" csg gun loaded 4 SPF 120 deg phasing:

3245' - 3265'

- 9. Move in clean frac tank. Fill with volume of clean 4% KCl water per Schlumberger ClearFrac procedure (bbls).
- 10. RU wellhead isolation tool.
- 11. MIRU Schlumberger. Frac well according to attached Pumping Schedule with 500 gal 15% HCl spearhead, gallons 70 quality nitrogen foam and lbs 16/30 Brady sand. Tail in with PropNet on last lbs.
- 12. Flush with foam to top of the Pictured Cliffs (3245'). Do not overdisplace.
- 13. Flow back immediately after frac equipment is off the well. Estimate flowrate using %" choke nipple, using a

100 psi gauge. Flow until well logs off or fluid recovery falls off to less than 2 bbls fluid per hour.

- 14. RIH with bit and DC's. RU air package. Clean out well to PBTD 4268'. POOH.
- 15. RIH with following production string:
 - a) 1 joint 2-3/8" tbg
 - b) F-nipple
 - c) 2-3/8" tbg to surface.
 - d) Land end of tbg at +/-4150.
- 16. ND BOP. NU tree. Flow well back 1-2 hrs.
- 17. RDMO SU.

Allen Kutch

281-366-7955 office 281-366-7099 fax 888-788-6522 pager 979-865-0140 home

10-30-2000 Jicarilla Contract 148 #24 Rio Arriba County, NM ATK Unit D Section 14 T25N - R5W Run 65 KB: 8-5/8" 24# K55 @ 300' w/ 315 sxs 2-3/8" 4.7# J55 tbg @ 4177**′** CK Perfs: 4135' - 4166' 4-1/2" 10.5# K55 @ 4312' w/ 860 sxs

> PBTD: 4268' TD: 4312'

Jicarilla Contract 148-24 Chacra Forecast

Date	CDGAS (Mcfd)
1/1/2002	14
2/1/2002	14
3/1/2002	14
4/1/2002	14
5/1/2002	14
6/1/2002	14
7/1/2002	14
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9/1/2002	14
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8/1/2005	
9/1/2005	
10/1/2005	12
11/1/2005	12

District I

1625 N. French Dr., Hobbs, NM 88240

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102 Revised August 15, 2000

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

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

	W	ELL LOCATION AND A	ACREAGE DEDICATION PLAT	
1 API Numbe	r	² Pool Code	³ Pool Name	
30-039-22524		72439 / 82329	Blanco South Pictured Cliffs / C	Otero Chacra
⁴ Property Code		⁵ Property Name		
00740	Jicarilla Contract 148			24
OGRID No.			erator Name	⁹ Elevation
000778	BP America Production Company			7001'

¹⁰ Surface Location North/South line East/West line Feet from the County Feet from the Township Range Lot Idn UL or lot no. Section Rio Arriba 935 West North 14 25N **5W** 945' Unit 11 Bottom Hole Location If Different From Surface East/West line County North/South line Feet from the Feet from the UL or lot no. Section Township Range Lot Idn 15 Order No. 13 Joint or Infill 14 Consolidation Code 12 Dedicated Acres 160 PC 160 Ch

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

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16		¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein
		g ·
346		is true and complete to the best of my knowledge and
 		belief.
935 '		Signature Churry Alava
		Cherry Hlava
		Printed Name
		Regulatory Analyst
		Title
		02/05/2002
		Date
		18SURVEYOR 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.
		July 29, 1980
		Date of Survey
		Signature and Seal of Professional Surveyor:
		Signature and Seal of Professional Surveyor.
		Fred B. Kerr Jr.
		Certificate Number 3950