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.
NMNM013686

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.
PRITCHARD /A/ 2A

2. Name of Operator
BP AMERICA PRODUCTION CO
Contact: MARY CORLEY
E-Mail: corleyml@bp.com

9. API Well No.
30-045-22020-01-S1

3a. Address
P. O. BOX 3092
HOUSTON, TX 77253

3b. Phone No. (include area code)
Ph: 281.366.4491
Fx: 281.366.0700

10. Field and Pool, or Exploratory
BLANCO MESAVERDE

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Sec 1 T30N R9W NESE 1710FSL 1090FEL
36.83743 N Lat, 107.72632 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 respectfully request permission to plug back Mesaverde completion, perform remedial cementing, perforate Fruitland Coal and perform Fruitland Coal zonal pressure test as per the attached procedure.

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

Electronic Submission #20234 verified by the BLM Well Information System
For BP AMERICA PRODUCTION CO, sent to the Farmington
Committed to AFMSS for processing by Steve Mason on 04/07/2003 (03SXM0633SE)

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

Signature (Electronic Submission) — Date 04/03/2003

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By STEPHEN MASON — Title PETROLEUM ENGINEER — Date 04/07/2003

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.

**** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ****

NMOCD

Pritchard A 2A Recompletion Procedure

Sec. 1, T30N, R9W, San Juan County, New Mexico

1. Check anchors. MIRU workover rig.
2. Check and record tubing, casing, and bradenhead pressures.
3. Blow down well. Kill with 2% KCL water ONLY if necessary.
4. Nipple down WH. NU BOPs.
5. Rig up slickline and **set plug in 2-3/8" tubing. 1.78" id seating nipple is set at 5345' kb (12'kb). Load tubing with water if necessary**. Rig down slickline.
6. TOH with 2-3/8" production tubing currently set at 5377' kb.
7. Rig up wireline to run a Neutron/Gamma Ray/Cement bond log across Fruitland Coal interval to identify Fruitland Coal intervals to perforate and determine cement bond quality. Run log from 3600' to surface.
→ Plug 3546' - 3216' to cover liner top & 7" casing shoe.
8. Rig down wireline unit.
9. TIH with 2-3/8" work string and 4-1/2" cast iron bridge plug. Set CIBP at 4900'. PU and spot 200' cement plug (17.5 cu ft) above CIBP from 4700' – 4900'. Pull out of cement plug and reverse out tubing. TOH.
10. RIH with 3-1/8" casing guns. Perforate Fruitland Coal formation (pick intervals based on log results – to be determined later - correlate to gamma ray log). Note: these will only be perforations used to test zonal pressures of individual coal seams. Other perforations will be added pending the results of the zonal pressure test.

Perforating Depth	Shots per foot	Total Shots	Shot Diameter
Interval 1	2	4	.45"
Interval 2	2	4	.45"
Interval 3	2	4	.45"
Interval 4	2	4	.45"
Interval 5	2	4	.45"

11. TOH with perforating guns.

Zonal Pressure Test Procedure:

1. pump approximately 10 bbls of water into the casing to create enough back pressure against the formation to prevent the well from flowing.
2. RIH with 2-7/8" tubing string with a zonal pressure testing assembly (including retrievable bridge plug, packer, tubing shut-off valve and pressure gauges).
3. Set retrievable BP at ~3xxx' kb and packer at 3xxx' kb to isolate the perforated interval: 3xxx – 3xxx' (lowermost perforated interval).
4. Open downhole shut-off valve.
5. Close the tubing. **Keep the casing open** unless the gas flow is of sufficient magnitude to present a safety hazard (consider running a diversion line from the casing to the pit)

6. Note carefully the time of closing the tubing. Record the tubing pressure at approximately 5 minute intervals (adjust as warranted depending on well response). Uniformity of time intervals is not important; however, careful measurement of the time from closing the tubing valve is important.

7. Flow the well into the closed tubing for one hour. Use the following possible scenarios as guidelines for adjusting the test, depending on well performance

   Case A: The tubing pressure is less than 5 psig after 1/2 hour of shut-in and has been building uniformly. Continue with the flow/buildup.

   Case B: The tubing pressure is less than 5 psig after 1/2 hour but the pressure buildup has tapered off. Swab the well dry and shut in for an additional hour from the end of swabbing.

   Case C: The tubing pressure reaches 25 psig in less than 1/2 hour. Blow the tubing down and continue with the flow/buildup. Repeat the blowdown and flow/buildup as necessary during the test period. Avoid stopping the test immediately after a blow down. Instead, add time to the flow/buildup as necessary to be near 25 psig at the time of stopping.

   Case D: The tubing pressure rises so fast that repeat cycles of flow/buildup and blowdown are not practical. Install an orifice plate at the surface to measure the flowrate.

8. After the flow/buildup period (or flow period as in case D), **collect a gas sample to be analysed**. Do not blow down the tubing before closing the downhole shut-off valve. Close the downhole shut-off valve. Leave the well shut-in (tubing only) for 2 hours. While the well is shut-in, perform a flow buildup test on the casing as follows: Temporarily close the casing valve and record the pressure buildup over a 15 minute interval or until the pressure reaches 25 psig, whichever comes first (avoid letting the casing pressure exceed 25 psig).

9. Release packer and latch on to retrievable BP.

10. POOH to and set retrievable bridge plug and packer to isolate the next perforated interval.

11. repeat steps 4-10 for a all perforated intervals.

12. TOH with packer and BP assembly.

13. PU 2-3/8" production tubing string. Rabbit tubing and RIH with 2-3/8" production tubing **(with a muleshoe, X-nipple with plug, and F-nipple)**.

14. Land 2-3/8" production tubing at 2600' kb.

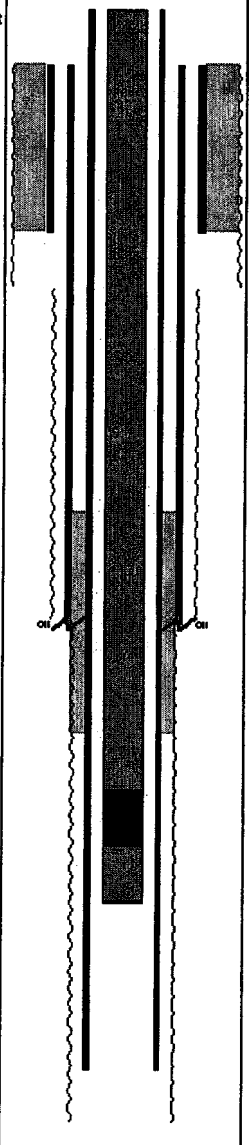
15. RU SL unit. Run gauge ring for 2-3/8" tubing. Pull plug. RD slickline unit.

16. ND BOP's. NU WH.

RDMOSU. Turn well over to production.

PRITCHARD A 2A

Country:	UNITED STATES	County:	SAN JUAN	Event:	RECOMPLETION	Wellbore:	01	Orig KB Elev:	6,357.00 ft
Region:	NORTH AMERICA	State:	NEW MEXICO	Event Start:	12/4/1997	Top TMD:	5,225.0 ft	Ground Elev:	6,344.00 ft
Bus. Unit:	ONSHORE US	District:	FARMINGTON	Event End:	12/24/1998	Bottom TMD:	5,743.0 ft	KB to GL:	13.0 ft
Perf Unit:	SAN JUAN			Objective:	CRWS_SIDETRACK	Spud:	7/1/1976	Mud Line Elev:	0.00 ft
Asset:	SAN JUAN SOUTH			Contractor:	AZTEC WELL SERVICE				
Field:	BLANCO MESAVERDE (PRORATED GAS								

Tubing/CT/SS Components	Min ID	Top	Wellsketch	Perf Interval / SPF / Phasing
170 - TUBING, 2.375, 4.7#, J-55, EUE TC	1.995 in	10.0 ft		
1 - SN, API: 2.375 X 1.780 X 12, EUE	1.780 in	5,345.0 ft		
1 - TUBING, 2.375, 4.7#, J-55, EUE TC	1.995 in	5,346.0 ft		

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
30-045-22020	71629	Basin Fruitland Coal

[4] Property Code	[5] Property Name	[6] Well Number
000960	Pritchard A	2A

[7] OGRID No.	[8] Operator Name	[9] Elevation
000778	BP America Production Company	6344'

[10] Surface Location

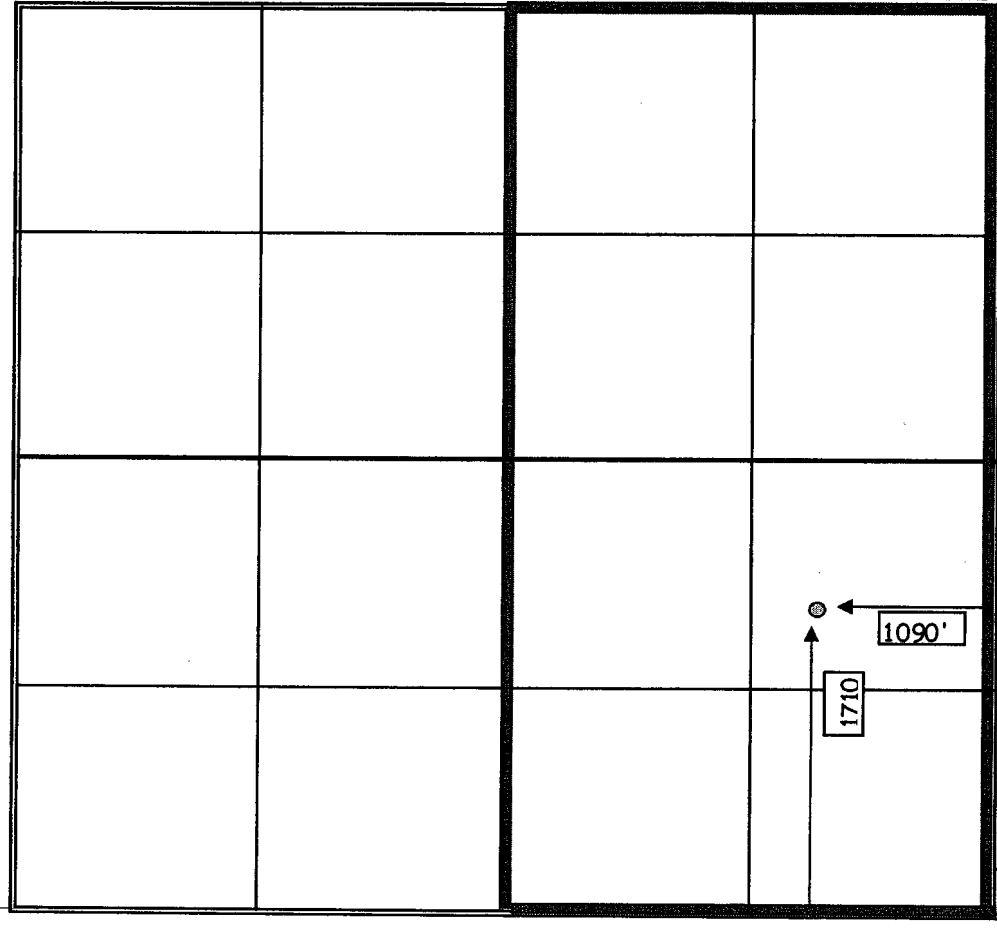
UL or lot no.	Section	Township	Range	Lot Idn	Feet from	North/South	Feet from	East/West	County
Unit I	11	30N	09W		1710'	South	1090'	East	San Juan

[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.
327.11			

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

04/03/2003

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.

3/11/1995

Date of Survey

Signature and Seal of Professional Surveyor:

James P Lease 1463

Certificate Number