Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

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 6E

2. Name of Operator
BP AMERICA PRODUCTION CO.
Contact: CHERRY HLAVA
E-Mail hlavacl@bp.com

9. API Well No.
30-045-26149-00-S1

3a. Address
200 ENERGY COURT
FARMINGTON, NM 87401

3b. Phone No (include area code)
Ph: 281.366.4081

10. Field and Pool, or Exploratory
BASIN DAKOTA
BLANCO PICTURED CLIFFS

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Sec 34 T31N R9W NWNW 1065FNL 0900FWL
36.858990 N Lat, 107.773390 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
BP	☐ 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.)

Please see attached procedure for MIT and turning well to pressure monitoring.

RCVD APR 4'12
OIL CONS. DIV.
DIST. 3

* Cannot produce new perforations without a NOI + C-104

14. I hereby certify that the foregoing is true and correct.
Electronic Submission #134092 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 04/02/2012 (12SXM0167SE)

Name *(Printed/Typed)* CHERRY HLAVA — Title REGULATORY ANALYST

Signature (Electronic Submission) — Date 03/27/2012

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By STEPHEN MASON — Title PETROLEUM ENGINEER — Date 04/02/2012

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.

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

NMOCD

BP - San Juan Wellwork Procedure

Pritchard 6E
30-045-26149

D SEC. 34, T31NN, R09WW
1065' FNL, 900 FWL
San Juan, NM
Dakota/Picture Cliffs Formation
Lease number: NM 013686
TA status - Pressure tested well to maintain 9/2007

Basic Job Procedure:

1. MIRU Service Unit
2. Set Barriers and pull tubing
3. Drill out Cast Iron Cement Retainer at 3200'
4. Set CIBP at 7245'
5. MIT casing from CIBP (7245') - 3000 (between Dakota and PC formation) - contingencies to repair or P&A well if MIT fails
6. MIT casing above PC - contingencies to repair or P&A well if MIT fails
7. Run CBL to confirm top of cement behind 4-1/2" production liner.
   NOTE: A temperature log ran 1/13/1985 confirmed top of cement behind 7" production casing at 300'
8. Abandon Dakota/Gallup formation by placing cement on top of CIBP (7245') to 6350'
   Bottom Plug: 7250' - 6350 → 900' + 50' excess → 15.1 bbls
9. Isolate the Mesa Verde Formation by placing cement from 4800 - 4500
   2nd Plug: 4800 - 4500 → 300' + 50' excess → 5.6 bbls

Chacra plug 3677-3577' 4½ liner top / 7" casing shoe 3545'-3286'

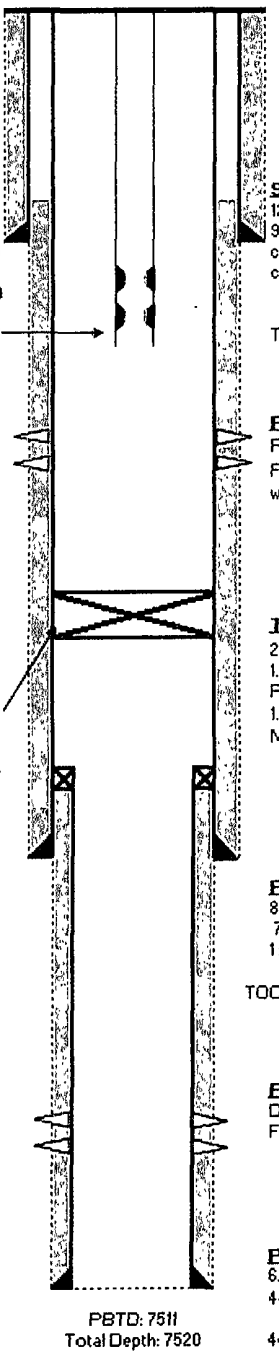
10. Isolate Picture Cliffs by setting a CIBP above perforations and placing 50' of cement on top
    3rd Plug: 2900 - 2850 → 50' → 1.9 bbls
    NOTE: this will isolate the PC formation and allow us to perforate the Lower Cottonwood at 2830-2836'.
11. Perforate the Lower Cottonwood at 2830' - 2836'
12. Perforate the Upper Cottonwood at 2782' - 2794'
13. Perforate the Ignacio at 2740' -2755'
14. Install the following tubing configuration
    - Mule shoe 2-7/8" x 3'
    - 2 7/8" X 1.87 "XN" Nipple with blanking plug preinstalled
    - Pup Joint: 2 7/8" 6.4# J-55 x 12'
    - 7 X 2 7/8" 20-26# Hydrow 1 Packer
    - 2 7/8" X 2.313" WXA Sliding Sleeve - in closed position
    - Tubing (1): 2 7/8" 6.4# J-55 EUE Tubing
    - Pup Joint: 2 7/8" 6.4# J-55 x 8'
    - 7" X 2 7/8" 20-26# Arrowset-1X Packer
    - Tubing: 2 7/8" 6.4# J-55 EUE Tubing
    - Pup Joint: 2 7/8" 6.4# J-55 (as needed to space out)
    - Tubing: 2 7/8" 6.4# J-55 EUE Tubing

    NOTE: with the BHA describe above, when at landing depth the top of the Hydro 1 Packer should be located at 2815' and the top of the Arrowset located at 2765'
15. Install WH equipped for pressure monitoring

Policy Reminder
Any changes to the written procedure requires an approved MoC

Current Wellbore Diagram

Pritchard 6E
PC
300452614900
Unit D - Sec 34 - T31N - R09W
San Juan



Surface Casing Data
12.25" Hole
9-5/8", 36# ST&C @ 326'
cmt w/ 225 sxs.
circulated 10 bbl to surface

TOC @ 300' per TS

Perforation Data
PC 2913-2972
Frac w/ 10038 gal frac fluid. 400# 20/40 sand w/ 25032 gal frac fluid in 5 stages

Tubing Details | **Length**

2-3/8" 4.7# J-55	2854.77
1.875" ID Nipple	1
Pup Joint	4
1.78" ID Nipple	1
Muleshoe Sub	20

Production Casing Data
8.75" Hole
7", 23#, K-55 @ 3495'
1 stage 182 sxs; 2nd stage 263 sxs

TOC @ 2750'

Perforation Data
Dakota 7288 - 7494
Frac w/ 102K gal 30# XL-gel and 154K# 20/40 sand

Production Liner Data
6.25" Hole
4-1/2", 11.6# K-55 bottom 13jts,
88 jts 10.5# K-55 landed at 7517'
444 sxs cmt. Circulated 10 bbls to surface.

Well History
Spud 1/8/85

12/1992 - Decision made to recomple in the PC Set a 7" retainer at 3200' to isolate the Dakota Perfed PC from 2913-2943 & 2958-2972' (4 spf .31" dia) and frac'd with 25000 gal and 201K 20/40 sand

1/1993 - *Flow tested well. Decision made to dually complete* well at a later date. The Dakota was left in TA status

1998 - Install rod pump

1/2006 - rod pump change. Changed out production tubing to new 2-3/8" EUE. Tagged fill at 3150' (PBTD at 3200'). Cleaned well out to PBTD

9/2007 - Pressure tested well to maintain TA status of Dakota. *Set RBP at 2850 and tested caing above.* Test good. Ran production. Landed at 2900'

Formation Tops

Ojo Alamo	1600
Kirtland	1710
Fruitland	2600
Pictured Cliff:	2912
Lewis	3060
Cliff House	4680
Menefee	4800
Point Lookou	5125
Mancos	5475
Gallup	6450
Graneros	7230
Dakota	7280

Proposed Wellbore Diagram

bp

Pritchard 6E
PC
300452614900
Unit D - Sec 34 - T31N - R09W
San Juan

Well History
Spud 1/8/85
12/1992 - Decision made to recomple in the PC. Set a 7" retainer at 3200' to isolate the Dakota. Perfed PC from 2913-2943 & 2958-2972' (4 spf .31" dia) and frac'd with 25000 gal and 201K 20/40 sand
1/1993 - Flow tested well. Decision made to dually complete well at a later date. The Dakota was left in TA status
1998 - Install rod pump
1/2006 - rod pump change. Changed out prodt to new 2-3/8" EUE. Tagged fill at 3150' (PBTD at 3200'). Cleaned well out to PBTD
9/2007 - Pressure tested well to maintain TA's Dakota. Set RBP at 2850 and tested casing above. Test good. Ran production. Landed at 2900'

Packer Set at 2765'
Sliding Sleeve at 2812'
Packer Set at 2820'
EoT 2-3/8" J-55 at 2840'
ToC at 2850'
Top of Picture Cliffs at 2912
CIBP at 2900' +/-
TOL @ 3336'
Chacra 3627
Top of Mesa Verde at 4680'
Top of Gallup at 6450
CIBP set at 7250' +/-
Top of Dakota at 7288'

2900 - 2850
2.0 bbls
4800 - 4500
5.6 bbls
7250 - 6300
15.1 bbls

PBTD: 7511
Total Depth: 7520

Surface Casing Data
12.25" Hole
9-5/8", 36# ST&C @ 326'
cmt w/ 225 sxs.
TOC @ 300' per TS

Ignacio Perforations
2740 - 2755

Upper Cottonwood Perforations
2782 - 2794

Lower Cottonwood Perforations
2830-2836

Perforation Data
PC 2913-2972
Frac w/ 10038 gal frac fluid. 400# 20/40 sand w/ 25032 gal frac fluid in 5 stages

plug 3545' - 3286'

Production Casing Data plug 3677 - 3577
8.75" Hole
7", 23#, K-55 @ 3495'
1 stage 182 sxs; 2nd stage 263 sxs
TOC @ 2750'

Perforation Data
Dakota 7288 - 7494
Frac w/ 102K gal 30# XL-gel and 154K# 20/40 sand

Production Liner Data
6.25" Hole
4-1/2", 11 6# K-55 bottom 13jts,
88 jts 10.5# K-55 landed at 7517'
444 sxs cmt. Circulated 10 bbls to surface.

THM 2-28-2012