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.
14-20-603-782

6. If Indian, Allottee or Tribe Name
NAVAJO ALLOTTEE

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

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

8. Well Name and No.
NAVAJO ALLOTTEE GC B 1

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

9. API Well No.
30-045-06991

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 36 T28N R9W NWSE 1845FNL 1180FEL

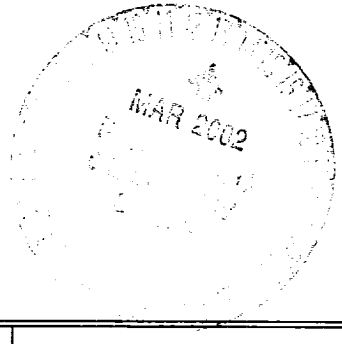
11. County or Parish, and State
SAN JUAN COUNTY, NM

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.)

Please see attached Subsequent Report for bradenhead repair activity.



14. I hereby certify that the foregoing is true and correct.
Electronic Submission #10675 verified by the BLM Well Information System
For BP AMERICA PRODUCTION COMPANY, sent to the Farmington

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

Signature (Electronic Submission) — Date 03/06/2002

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____ Title _____ Date MAR 11 2002

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 FIELD OFFICE
BY _____

ACCEPTED FOR RECORD

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.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****

NMOCD

NAVAJO ALLOTTED GAS COM B 1
BRADENHEAD REPAIR SUBSEQUENT REPORT
03/06/2002

01/24/2002 MIRUSU. Take readings: SICP 165 PSI, 16 SITP 165 PSI, SIBH 45 PSI. Blow down CSG & TBG. ND WH & NU BOP. Test BOP.

01/25/2002 TIH & tag fill @ 4500'. TOH W/TBG. Secure well & SDFN.

01/28/2002 TIH & C/O to 4554'. TOH & secure well SDFN.

01/29/2002 TIH & C/O 6' of fill. TOH & secure well SDFN.

01/30/2002 TIH W/RBP & set @ 4000. Load hole & Press Test CSG to 500 PSI. Test OK. ND BOP & NU TBG head & master. Fill annulus w/WTR. Secure well SDFN.

02/01/2002 RU & free point CSG @ 1754'. TOH w/5.5" CSG. Load hole & press test intermediate CSG to 500 PSI. RU & ran CBL from 1000' to 100'. Found top of intermediate CMT @ 620'. RD. Secure well & SDFN.

02/08/2002 TIH & tag 5.5" CSG cut off @ 1700'. Perf 2 SQZ holes @ 540', .48 in diameter in 7 5/8" intermediate CSG. Mix & pump 333 SXS of CLS G Neat CMT down 7 5/8" CSG, out holes @ 540', and up 7 5/8" annulus. Last 25 BBLS of CMT are w/2% CALC2. Circ 10 BBLS of dye WTR & 15 BBLS good CMT to surface. Displace CMT w/18BBLS WTR & down to 400'. Final SQZ press of 200#. RD. Secure well & SDFN.

02/11/2002 No pressure on well & bradenhead has slight vacuum. TIH & tag ice plug in TBG head. DO plug. Secure well & SDFN.

02/14/2002 RU, TIH & DO hard CMT from 393' to 454'. Circ hole clean. Test CSG & new TBG head to 5000 PSI. Test ok.

02/13/2002 TOH. Load hole for a standing level of the fluid. Test CSG & ring gasket. Held ok. While testing inside of 7 5/8" CSG found direct communication to bradenhead through primary plate. Drain & secure well for night.

02/14/2002 Install new primary plate in casinghead. Install secondary packing & load. NU TBG head & BOP. Pressure test packing to 2000 PSI. No leaks. Test inside 7 5/8" CSG, TBG head, & BOP to 580 PSI. No bleed off for 30 min. & no communication to bradenhead. TIH & DO hard CMT from 450' to 480'. Circ hole clean.

02/15/2002 DO hard CMT from 480' to 546' & fall out of SQZ CMT. TOH to 595' * circ hole clean. Press Test SQZ hole to 475 PSI for 25 min. Test held - no communication to bradenhead. TIH to 1700' & circ clean. Secure well & SDFN.

02/18/2002 Blow down well to unload WTR. DO CIBP set @ 4000'. C/O 4' fill @ PBTD @ 4554' TOH. Secure well & SDFN.

02/19/2002 TIH w/ 2 3/8" production TBG & land @ 4447'. TOH. ND BOP & NU master valve.

02/20/2002 Pull TBG plug. Flow back well on ½" choke to tank for 2 hrs. Final FCP 135 PSI. FTP 80 PSI. RDMOSU. Rig released @ 1400 hrs.

PER LARRY PIXLEY PLEASE FIND ATTACHED THE ANALYTICAL RESULTS FOR THE SAMPLE TAKE FROM THE SUBJECT WELL.

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

February 21, 2002

Mr. Rudy Candelaria
BP American Production Co.
200 Amoco Court
Farmington, New Mexico 87401

Client No.: 91412
Job No.: 141201

Dear Mr. Walker,

Enclosed are the analytical results for the sample taken from "Navajo Allotted Gas Com B #1". One water sample was collected from the referenced location on 1/27/02 by BP American Production Company designated personnel, and delivered to the Envirotech Laboratory on 2/20/02 for Cation / Anion Analysis.

The sample was documented on Envirotech Chain of Custody No. 8926, and assigned Laboratory No. 22075 (Produced Water) for tracking purposes.

The sample was analyzed on 2/21/02 using USEPA or equivalent methods.

Should you have any questions or require additional information, please do not hesitate to contact us at (505) 632-0615.

Christine M. Walters
Laboratory Coordinator / Environmental Scientist

enclosure

CMW/cme

C:\files\lab reports\amoco.wpd

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

CATION / ANION ANALYSIS

Client:	BP America Production Co.	Project #:	91412-001
Sample ID:	Produced Water	Date Reported:	02-21-02
Laboratory Number:	22075	Date Sampled:	01-27-02
Chain of Custody:	8926	Date Received:	02-20-02
Sample Matrix:	Water	Date Extracted:	N/A
Preservative:	Cool	Date Analyzed:	02-21-02
Condition:	Cool & Intact		

Parameter	Analytical Result	Units		Units
pH	**8.73**	s.u.		
Conductivity @ 25° C	**5,050**	umhos/cm		
Total Dissolved Solids @ 180C	**2,520**	mg/L		
Total Dissolved Solids (Calc)	**2,430**	mg/L		
SAR	**84.9**	ratio		
Total Alkalinity as CaCO3	**136**	mg/L		
Total Hardness as CaCO3	**16.4**	mg/L		
Bicarbonate as HCO3	**136**	mg/L	2.23	meq/L
Carbonate as CO3	**<0.1**	mg/L	0.00	meq/L
Hydroxide as OH	**<0.1**	mg/L	0.00	meq/L
Nitrate Nitrogen	**0.3**	mg/L	0.00	meq/L
Nitrite Nitrogen	**0.003**	mg/L	0.00	meq/L
Chloride	**1.9**	mg/L	0.05	meq/L
Fluoride	**2.14**	mg/L	0.11	meq/L
Phosphate	**0.3**	mg/L	0.01	meq/L
Sulfate	**1,550**	mg/L	32.27	meq/L
Iron	**0.007**	mg/L		
Calcium	**6.56**	mg/L	0.33	meq/L
Magnesium	**<0.01**	mg/L	0.00	meq/L
Potassium	**0.6**	mg/L	0.02	meq/L
Sodium	**790**	mg/L	34.37	meq/L
Cations			34.71	meq/L
Anions			34.68	meq/L
Cation/Anion Difference			**0.08%**	

Reference: U.S.E.P.A., 600/4-79-020, "Methods for Chemical Analysis of Water and Wastes", 1983. Water And Waste Water", 18th ed., 1992.

Comments: **Navajo Allotted Gas Com B #1.**
Braden Head prior to being squeezed.

Analyst

Review

CHAIN OF CUSTODY RECORD

08926

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
BP American Production Co	Navajo Allotted Gas Com B #1	
Sampler:	Client No. 9412-001 ~~0040-001~~	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	Anion/ Cation						Remarks
Produced water	1-27-02	—	22075	water	1	✓						Braden Head prior to being squeezed.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Rudy Candelario	1-28-02	1300	Dawn L. Aylmer	1-28-02	1300
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

Attn: Rudy Candelario

ENVIROTECH INC.

5796 U.S. Highway 64
Farmington, New Mexico 87401
(505) 632-0615

Sample Receipt	Y	N	N/A
Received Intact	✓		
Cool - Ice/Blue Ice	✓		