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.
NMSF078390

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.
JONES A LS 4

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

9. API Well No.
30-045-07485-00-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 13 T28N R8W NWNE 0990FNL 1830FEL
36.66586 N Lat, 107.62914 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 request permission to identify and repair the bradenhead problem on the subject well as per the attached procedure.

FEB 2004
OIL CONS. DIV.
DIST. 3

CONDITIONS OF APPROVAL
Adhere to previously issued stipulations.

14. I hereby certify that the foregoing is true and correct.
**Electronic Submission #26550 verified by the BLM Well Information System**
**For BP AMERICA PRODUCTION CO, sent to the Farmington**
**Committed to AFMSS for processing by MATTHEW HALBERT on 01/29/2004 (04MXH0155SE)**

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

Signature (Electronic Submission) — Date 01/05/2004

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By Ami Lovato — Title Petr. Eng. — Date 2/11/04

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 NMOCD

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 ****

**Jones A LS 4**
**Repair Bradenhead**

**Procedure:**

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 and diversion spool with 3" outlets and 3" pipe to the blow tank. Pressure test BOPs to 500 psi. Monitor flowing casing pressure with gauge (with casing flowing to blow tank) throughout workover.

5. RU slickline unit or wireline unit. RIH and set plug (CIBP, tbg collar stop, or plug set in nipple) for isolation.

6. Tag for fill and tally OH with 2-3/8" production tubing currently set at 5280'. Visually inspect tbg while POOH.

   *Contingency: If the tubing is in poor condition, replace entire tubing string.*

7. TIH with bit and scraper for 5-1/2" casing to PBTD at 5320'.

8. RIH with retrievable BP and set at 4500'.

9. Bleed production casing to zero while monitoring intermediate casing and bradenhead.

10. If bradenhead bleeds down with casing, then repair tree, re-test, and go to step 36.

11. Fill casing with fluid and pressure test to 500 psi.

12. Run CBL from 4500' to surface.

13. Back off casing 50' above TOC identified by CBL or 3045', whichever is shallower.

14. Circulate mud out of hole w/ 2% KCl.

15. POOH w/ 5-1/2" casing.

16. Run in hole w/ scraper for 7" casing to top of 5-1/2".

17. Set retrievable bridge plug in 7" casing, just above top of 5-1/2" casing.

18. Run CBL from BP to surface.

19. Perforate holes in 7" casing, 50' above top of cement identified by CBL.

20. Set cement retainer 50' above perforations. Mix and pump cement per Schlumberger procedure. If possible, circulate cement to surface.

21. If cement does not circulate to surface, run CLB from retainer to surface and repeat steps 18 and 19.

22. WOC.

23. Drill out cement and pressure test squeeze to 500 psi (monitor bradenhead pressure during test also).

24. Pull retrievable bridge plug.

25. If TOC behind 5-1/2" was identified to be above 3045 by CBL, then skip to step 27.

26. Run 5-1/2" casing back in hole and screw back in.

27. Pressure test to 500 psi.

28. Blow well dry with air.

29. Pull retrievable bridge plug set at 4,500'.

30. Rabbit tubing and RIH with 2-3/8" production tubing (with a muleshoe and X-nipple with blanking plug). Fill tubing with KCL water while RIH.

31. Land 2-3/8" production tubing at 5280'.

32. Pressure test tubing to 500 psi with rig pumps.

33. Swab down tubing with sandline.

34. RU SL unit. Run gauge ring for 2-3/8" tubing. Pull plug and set tubing stop for plunger. RD slickline unit.

35. ND BOP's. NU WH. Test well for air.

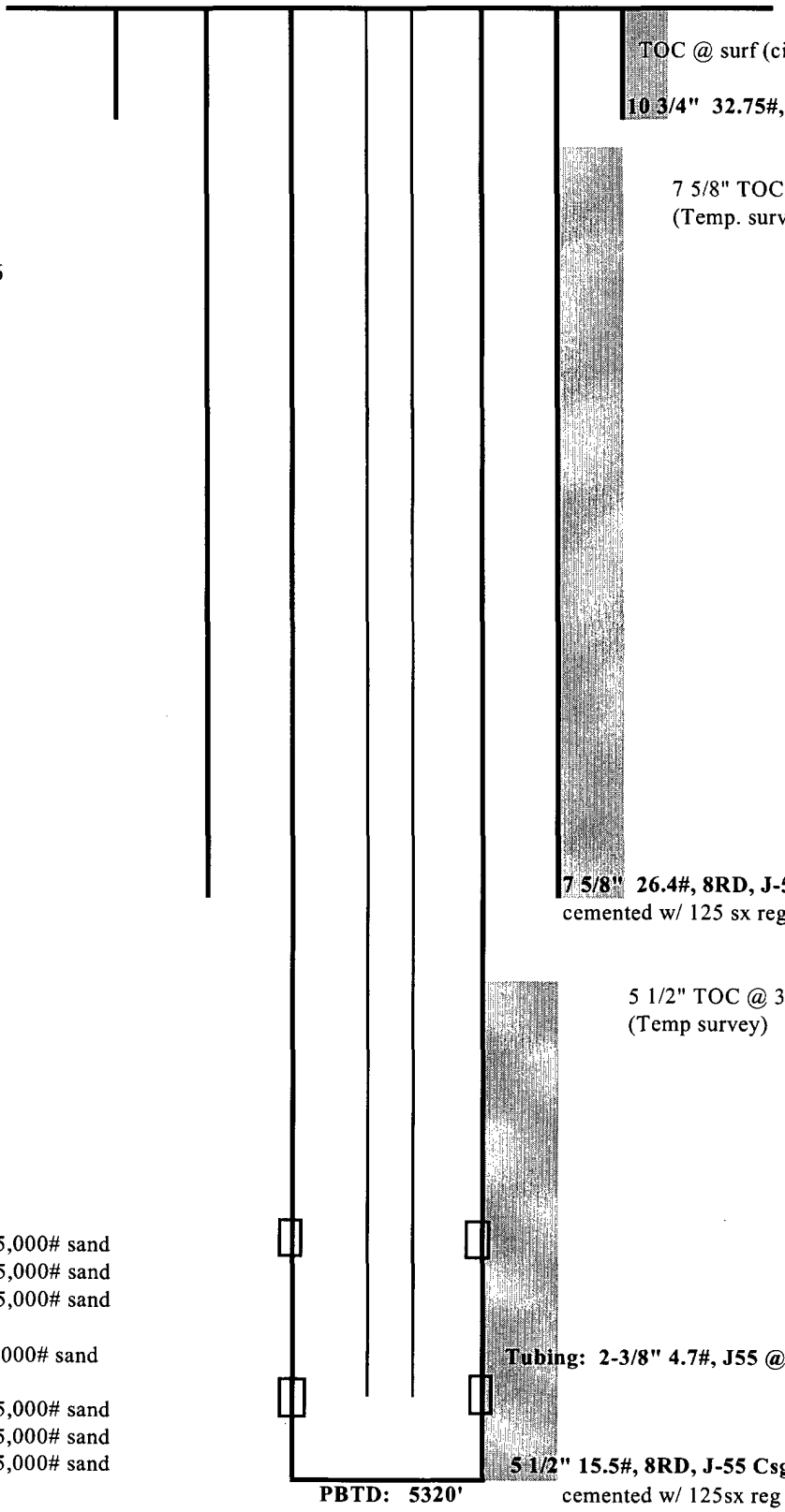
36. Return well to production.

# Jones A LS 4

Sec 13, T28N, R8W

API #: 3004507485

GL: 6390'




History:
- Drilled and completed in 1956

MV perforations
4656' - 4668', 4 spf, frac'd w/ 55,000# sand
4680' - 4690', 4 spf, frac'd w/ 55,000# sand
4744' - 4756', 4 spf, frac'd w/ 55,000# sand

4856'-5140', 2 spf, frac'd w/ 75,000# sand

5221' - 5233', 4 spf, frac'd w/ 55,000# sand
5262' - 5275', 4 spf, frac'd w/ 55,000# sand
5296' - 5313', 4 spf, frac'd w/ 55,000# sand

updated: 07/21/03 CFR