

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM 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.*5. Lease Serial No.
NMSF078194

6. If Indian, Allottee or Tribe Name

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

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

BP AMERICA PRODUCTION CO

Contact: MARY CORLEY

E-Mail: corleyml@bp.com

8. Well Name and No.
LUDWICK LS 1

3a. Address

P. O. BOX 3092
HOUSTON, TX 77253

3b. Phone No. (include area code)

Ph: 281.366.4491

Fx: 281.366.0700

9. API Well No.
30-045-09205-00-S110. Field and Pool, or Exploratory
AZTEC

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 29 T30N R10W SWNW 1650FNL 0935FWL
36.78563 N Lat, 107.91272 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			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> 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 recompleat 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 recompleat 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 respectfully request permission to plug and abandon the subject well as per the attached Plug and Abandonment Procedure.

14. I hereby certify that the foregoing is true and correct.	
Electronic Submission #13820 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 08/28/2002 (02SXM0488SE)	
Name (Printed/Typed) MARY CORLEY	Title AUTHORIZED REPRESENTATIVE
Signature (Electronic Submission)	Date 08/23/2002

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By STEPHEN MASON	Title PETROLEUM ENGINEER	Date 08/28/2002
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

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

Ludwick LS #1 P&A Procedure

Procedure:

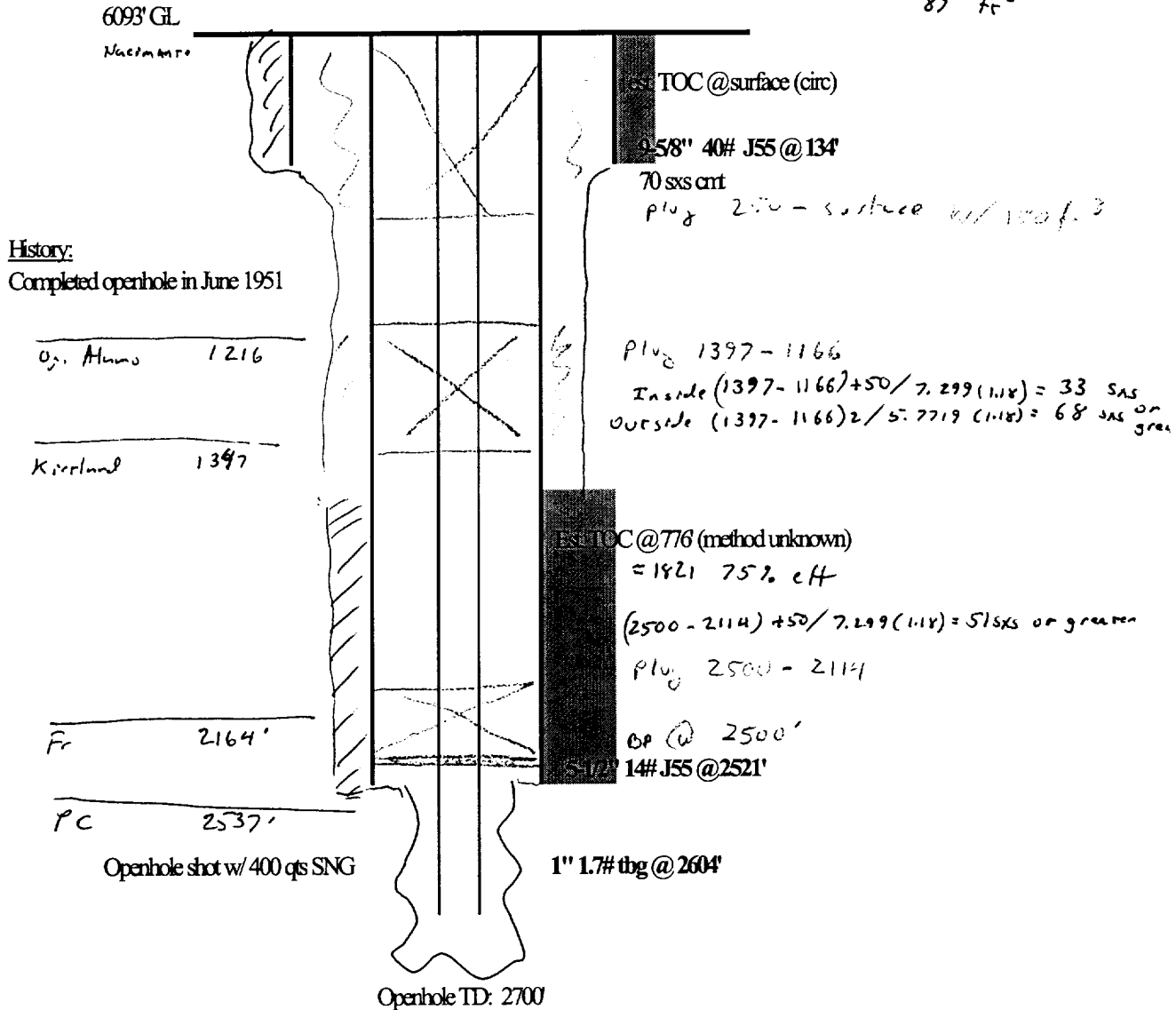
1. Check anchors. MIRU workover rig.
2. Check and record tubing, casing, and bradenhead pressures.
3. Blow down wellhead. Kill with water if necessary.
4. Nipple down WH. NU BOPs.
5. TOH and LD 1" 1.7# production tubing.
6. PU 2-3/8" workstring.
7. TIH with tubing-set 5-1/2" CIBP. Set CIBP at 2500'. PU and spot ^{436'}150' cement plug (⁶⁰21 cu ft) above CIBP from ~~2250'~~2500' to cover Picture Cliffs and Fruitland intervals.
8. TOH to 1400'. Spot ^{2114'}~~200'~~ balance plug (^{281'}27.5 cu ft) from ¹¹⁹1200' - ¹¹⁶⁶1400' across Ojo Alamo. ^{1397'}
TOH. In side or outside 5 1/2" casing.
9. RU WL unit. RIH and perforate squeeze holes at 250'.
10. Pump 150 cu ft cement down casing and circulate to surface. Leave casing full of cement.
11. ND BOP's. Cut off wellhead and install P&A marker.

Ludwick LS #1

Sec 29, T30N, R10W

API: 30-045-09205

$$\begin{aligned} 250 / 7.299 &= 34 \text{ ft}^3 \\ 250 - 134 / 5.7719 &= 20 \text{ ft}^3 \\ 134 / 3.835 &= 35 \text{ ft}^3 \\ \hline &89 \text{ ft}^3 \end{aligned}$$



NOTES:

- 1) Openhole drilled with cable tool rig
- 2) Proposed casing and fracturing well in 11/85. Proposal was cancelled in 3/1987.

updated: 2/1/02 jad