

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.
NMSF078046

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
HUGHES B 2

9. API Well No.
30-045-08089-00-S1

10. Field and Pool, or Exploratory
BLANCO MESAVERDE

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

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

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

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

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

Sec 19 T29N R8W NENE 0990FNL 0800FEL
36.71510 N Lat, 107.70973 W Lon

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 checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Workover Operations
	<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 recomple 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 recomple 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 add pay in the subject well by perforating the Menefee and Lower Lewis Shale formations as per the attached procedure.

Please note: The Lower Lewis Shale formation is considered a portion of the Mesaverde while the Upper Lewis Shale is considered the Charca in this area. Our intent is to perf the Lower Lewis Shale portion of the formation only.

CONDITIONS OF APPROVAL

Adhere to previously issued stipulations.

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

Electronic Submission #15333 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 11/22/2002 (03MXH0191SE)

Name (Printed/Typed) MARY CORLEY

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 10/21/2002

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Jim Lovato

Title

Petr. Eng.

DEC 30 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

BLM - FFO

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 **

Amoco

Hughes B #2 Payadd Procedure

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.
5. Tag for fill and tally OH with 2-3/8" production tubing currently set at 5407'.
6. RU WL unit. Run GR log across Menefee and Lewis Shale from 3800' – 5375' to select perforations.
7. TIH with bit and scraper for 4-1/2" casing to 5350'.
8. RU WL unit. RIH with 4-1/2" CIBP. Set CIBP at 5325'.
8. RIH with 3-1/8" casing guns with Schlumberger's Prospector, select-fire charge. Perforate Menefee formation (correlate to GR log).

Menefee perforations, 2 spf:

To be determined from GR log

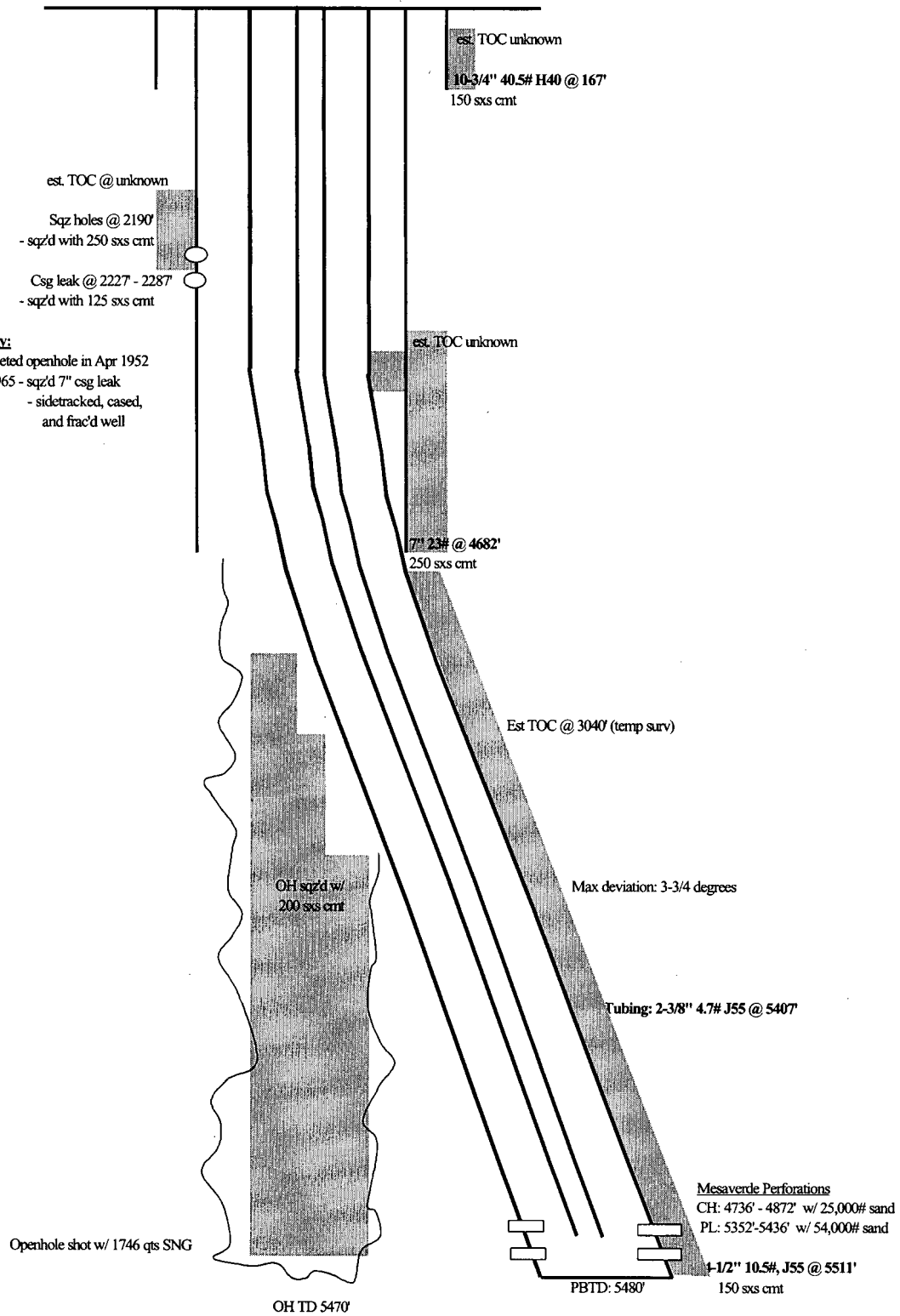
9. RIH with 2-7/8" frac string and 4-1/2" packer. Set packer at 4900'.
10. Spearhead 500 gal 15% HCL, establish injection rate, and proceed with fracture stimulation according to Schlumberger schedule.
11. Flowback frac immediately.
12. Release packer and TOH with frac string and packer. LD frac string.
13. RU WL unit. RIH with 4-1/2" CIBP. Set CIBP at 4700'. Load hole with 2% KCL.
14. Pressure test casing to 2500 psi
16. RIH with 3-1/8" casing guns with Schlumberger's Prospector, select-fire charge. Perforate Lewis Shale formation (correlate to GR log).

Lewis Shale perforations, 2 spf:

To be determined from GR log

17. RU frac equipment and install wellhead isolation tool. Use 2% KCL-N₂ foam in fracture stimulation.
18. Spearhead 500 gal 15% HCL, establish injection rate, and proceed with fracture stimulation according to Schlumberger schedule.
19. Flowback frac immediately.
20. TIH with tubing and bit. Cleanout fill and drill bridge plugs set at 4700' and 5325'. Cleanout fill to PBTD at 5480'. Blow well dry at PBTD.
21. Rabbit tubing and RIH with 2-3/8" production tubing.
22. Land 2-3/8" production tubing at 5400'.
24. ND BOP's. NU WH. Test well for air. Return well to production.

Hughes B #2
Sec 19, T29N, R8W
API#: 30-045-08089



Conditions of Approval:

Notice of Intent: to add pay in subject well

**BP AMERICA PRODUCTION CO
HUGHES B 2
990 FNL & 800 FEL
Sec 19., T29N., R8W.,**

- 1. No perforations may be added in the ~~Lower Lewis~~ Lower Lewis shale interval that will exist:**

Above 4490' in this wellbore.