

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT - " for such proposals

5. Lease Designation and Serial No.

SF-078046

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Hughes B

#4

9. API Well No.

3004507943

10. Field and Pool, or Exploratory Area

Blanco Mesaverde

11. County or Parish, State

SAN JUAN

NEW MEXICO

1. Type of Well



Oil Well



Gas Well



Other

2. Name of Operator

AMOCO PRODUCTION COMPANY

Attention:

Gail M. Jefferson

3. Address and Telephone No.

P.O. BOX 800 DENVER, COLORADO 80201

(303) 830-6157

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

990' FSL

990' FWL

Sec. 20 T 29N R 8W

UNIT M

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION



Notice of Intent



Subsequent Report



Final Abandonment Notice



Abandonment



Recompletion



Plugging Back



Casing Repair



Altering Casing



Other Perf and Frac



Change of Plans



New Construction



Non-Routine Fracturing



Water Shut-Off



Conversion to Injection



Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Amoco Production Company requests permission to perf and frac this well per the attached procedures.

If you have any technical questions please contact Dean Tinsley at (303) 830-6141 or Gail Jefferson for any administrative concerns.

RECEIVED
JAN 15 1999

OIL CON. DIV.
DIST. 8

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

Signed

Gail M. Jefferson

Title

Sr. Admin. Staff Asst.

Date

12-17-1998

(This space for Federal or State office use)

Approved by

1/12/99

Title

Date

1/12/99

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes 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.

* See Instructions on Reverse Side

NMOCD

1. Check anchors. MIRUSU.
2. Check and record tubing, casing and bradenhead pressures.
3. Blow down wellhead, kill if necessary.
4. Nipple down wellhead, nipple up and pressure test BOP.
5. Tag and Tally OH with 2.375" tubing (currently set at 5317'). TIH with Bit X Scraper to PBTD.
6. TIH with composite BP. Set @ +/-5230'.
7. RU DS Wireline Unit and Packoff.
8. Log Mesa Verde (MF) interval (approx. 5230'-4700') with CBL/GR/CCL to ensure zonal isolation across MV (MF). Please fax logs to (303)830-5388.
9. Perforate the following interval 120 deg. phasing using 3 1/8" HSC ported guns (12.5 GM, .34" EHD, 13.13 TTP, Select Fire). Correlate with Schlumberger's Gamma log dated 3/17/53:

5206, 5200, 5195, 5126, 5119, 5113, 5097, 5090, 5071, 5027, 5022, 5017,
5004, 4999, 4960, 4949, 4942, 4916, 4911, 4906
10. TIH with tapered Frac String (2 3/8" tubing across Cliffhouse, 3 1/2" to surface) X Packer. Pressure test RBP. Set packer @ +/-4850'.
11. Break down and balloff perfs with 1.5 X's excess; 1.1 SG RCN balls.
12. TOOH with tbg x pkr.
13. Retrieve balls with WL junk basket. TIH x set packer @ +/-4850'.
14. Fracture Stimulate down tubing according to schedule 'A'.
15. Flow back immediately, until well logs off.
16. TOH with Frac String.
17. TIH with 2 3/8" land at 5310'.
18. Return well to production; alter criteria and run plunger if necessary.

Well Hughes No. 4 (OWO)		Land Office San ta Fe		Lease Number 078046	
Location 990' S, 990'W, Section 20, T-29-N, R-8-W					
				County San Juan	State New Mexico
Formation Mesa Verde				Field Blanco Mesa Verde	

POTENTIAL	1	2	FORMATIONS	TOPS	SCHEMATIC ↓
Formation	Mesa Verde		Ojo Alamo	2000	
Test Date	5-21-62		Kirtland	2150	
AOF	2222		Fruitland	2750	
Ck. Vol.	1584		Pictured Cliffs	3053	
BOPD			Cliff House	4656	
GOR	809		Menefee	4804	
SIPT	809		Point Lookout	5286	
SIPC					
IBHP					
Elev.	6475 G, 6485 DF				<p>7" @ 4607'</p> <p>4670-64; 4692-86; 4748-42 4778-72;</p> <p>5302-5296</p> <p>2 3/8" @ 5317'</p> <p>5328-22;</p> <p>4 1/2" @ 5385'</p> <p>T.D. 5396'</p>
Spud Date	3-2-53				
Completion Date	3-18-53 Recompleted 5-7-62				
Logs and Surveys	Gamma Ray 5340-4600				
	B & R T.C. 4690'				
	Line T.C. 3045				
STIMULATION FORMATION	TYPE				
Mesa Verde	Water Frac				
Mesa Verde Shot					
DRILLING CONTRACTORS					<p>Show csg., cmt. top, tbg., pkrs., plugs, depth, perfs., seating nipples, etc.</p>
Great Western Drilling Company			DST No.		
Young Drilling Company			Cores No.		