

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

RECEIVED
BLM

98 NOV 19 PM 1:47

070 FARMINGTON, NM

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 LS

#1

9. API Well No.

3004507950

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. 19 T 29N R 8W

UNIT N

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

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ 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
DEC 11 1998
OIL CON. DIV.
DIST. 3

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

Signed

Gail M. Jefferson

Title

Sr. Admin. Staff Asst.

Date

11-17-1998

(This space for Federal or State office use)

Approved by

/S/ Duane W. Spencer

Title

Date

DEC - 7 1998

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

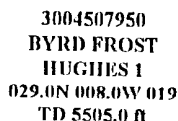
NMOCD

Hughes LS #1

TD = 5488' PBTD = 5460'

Page 2 of 2

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. TOH with 2.375" tubing (curr. set at 5449'). TIH with Bit X Scraper to PBTD.
6. TIH with composite BP to isolate PLO. Set @ +/-5176'.
7. RU DS Wireline Unit and Packoff.
8. Log the top of the Mesa Verde (5170'-4500') interval with CBL/GR/CCL to insure zonal isolation across MF and CH. Please fax logs to (303) 830-5388.
9. Perforate the following MF interval @ 120 deg. phasing using 3 1/8" HSC ported guns (12.5 GM, .34" EHD, 13.13 TTP, Select Fire). Correlate with Lane Wells' Densilog dated 7/7/66:
5150, 5141, 5138, 5135, 5131, 5091, 5087, 5081, 5077, 5047,
5000, 4996, 4992, 4962, 4944, 4924, 4920, 4913, 4908, 4902, 4896
10. TIH with tapered Frac String (2 3/8" tubing across Cliffhouse, 3 1/2" to surface) X Packer. Pressure test BP. 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, untill well logs off.
16. TOH with frac string.
17. DO composite BP; c/o to PBTD.
18. TIH with 2 3/8" land at +/-5310'.
19. Return well to production; optimize criteria and run plunger if necessary.



HUGHES LS 1

PAINE & WEISS Sewdlog

4562-72 (101)
4656-61

menge 4750-4765
4894-4926

4940-50

49 56-64

4990-5004

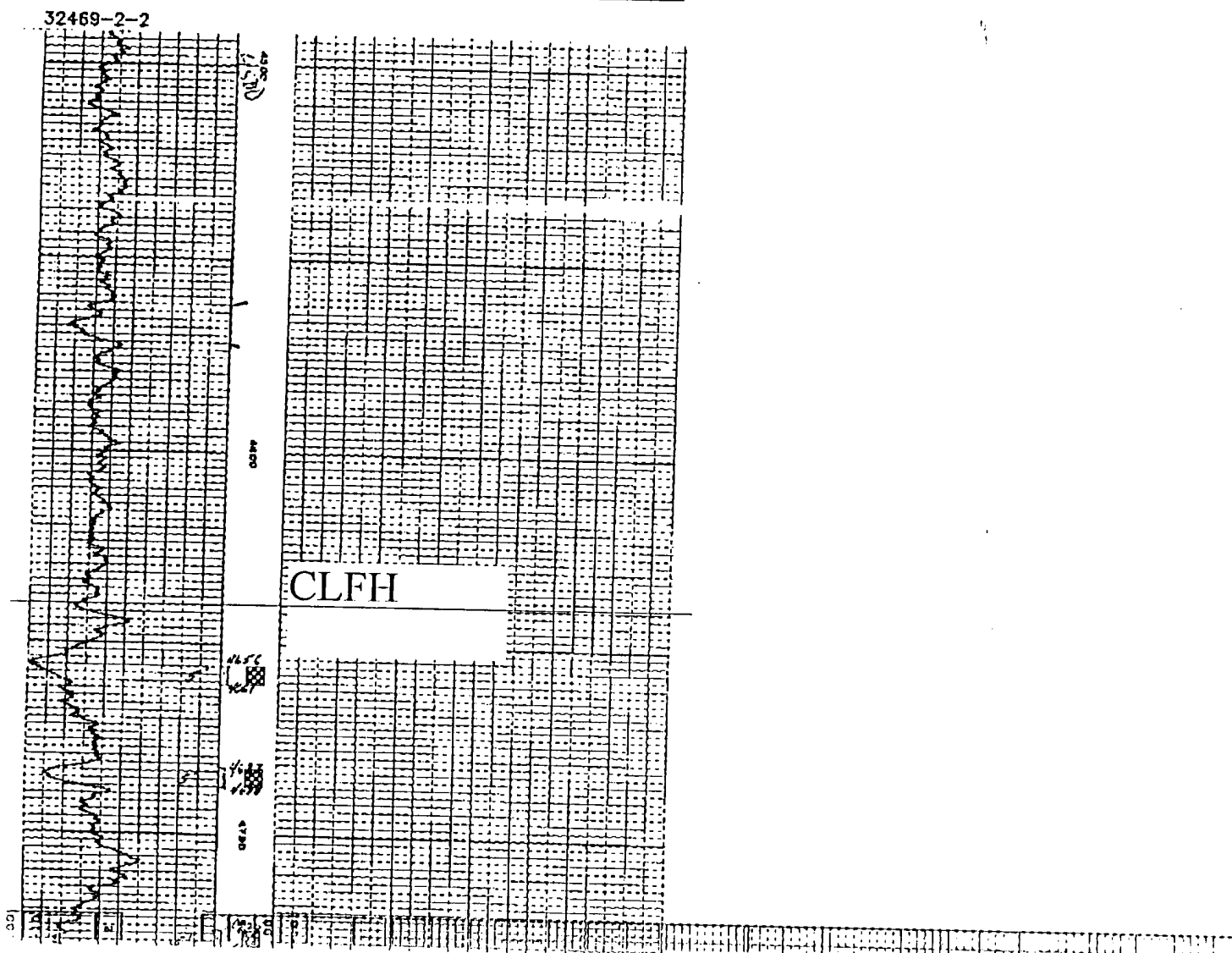
5042-50

5074-96

5128 -54

5260-68 ~~5330-5334~~

NO PERFS IN ABOVE
INTERVALS; CLOSEST
PERFS AS INDICATED



MENF

4800

4900

5

1

1

5000

3

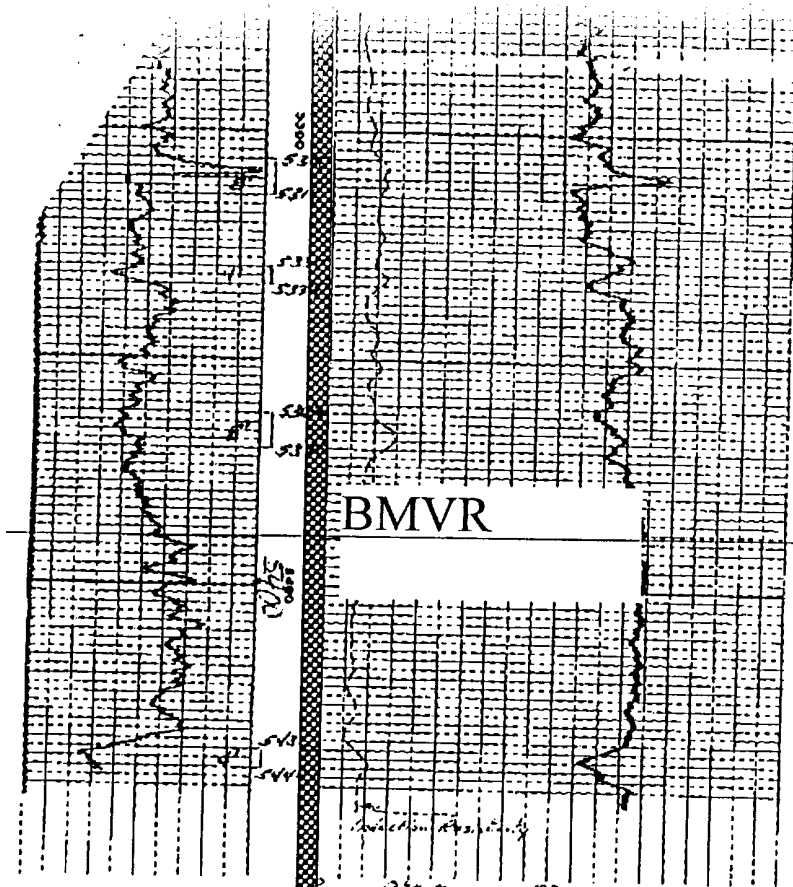
1

4800

5

5200

PNLK



HOLE SIZE - INCHES 7 9 11 13 15 50 100 500 RADIATION INTENSITY INCREASES		DENSITY IN GM/CM³ 2.0 2.5 3.0 3.5 4.0 % Porosity - Gas Sat. Equivalent	
GAMMA RAY & CALIPER		DENSITY	
Company: <i>...</i> Well: <i>...</i> Field: <i>Elanco Mesa 1400</i> County: <i>San Juan</i> State: <i>New Mexico</i>		Drillers T.O.: <i>...</i> Lone-Wells P.R.: <i>...</i> Lone-Wells T.D.: <i>...</i> Elevations: K.B. 2772 D.F. 2772 G.L. 2772	

Densilog Porosity Determination

Well Name: *...*

