Form 3160-5
(June 1990)

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-080424

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.
VAN HOOK LS 1

2. Name of Operator
AMOCO PRODUCTION COMPANY

Attention:
Dallas Kalahar

9. API Well No.
3004511212

3. Address and Telephone No.
P.O. Box 800, Denver, Colorado 80201

(303) 830-5129

10. Field and Pool, or Exploratory Area
Blanco Mesaverde

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
800FSL 1090FWL Sec. 27 T 32N R 11W UNIT M

11. County or Parish, State
San Juan New Mexico

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

TYPE OF SUBMISSION	TYPE OF ACTION	
☒ Notice of Intent	☐ Abandonment	☐ Change of Plans
☐ Subsequent Report	☐ Recompletion	☐ New Construction
☐ Final Abandonment Notice	☐ Plugging Back	☐ Non-Routine Fracturing
	☐ Casing Repair	☐ Water Shut-Off
	☐ Altering Casing	☐ Conversion to Injection
	☒ Other Workover & Bradenhead Rep	☐ 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 intends to perform the attached workover procedure and Bradenhead Repair to eliminate Bradenhead pressure.

See attached for workover procedure.

In addition, Amoco also requests approval to construct a temporary 15'x15'x5' blow pit for return fluids. This pit will be reclaimed is utilized, upon completion of this procedure.

If any questions, please contact Dallas Kalahar a 303-830-5129.

RECEIVED
DEC - 6 1993
OIL CON. DIV.
DIST 3

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

Signed Dallas Kalahar Title Staff Business Analyst Date 11-19-1993

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any:

APPROVED
DEC 01 1993
DISTRICT MANAGER

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

5129

REPAIR PROCEDURE
VAN HOOK LS 1 MV

October 12, 1993 (Original version)

1. Record TP, SICP, and SIBHP.
2. MIRU workover rig.
3. TOH with 2 3/8" tubing.
4. TIH with an EZ drill retainer and set at 4300'.
5. Sting into retainer and pump 200 sacks of 50/50 poz cement w/ 2% Gel - 1% FLA - 10% salt followed by 100 sacks of neat B cement w 2% retarder.
6. Run a GR/CBL from the retainer to surface. Determine TOC.
7. Perforate 2 squeeze holes within 100' of the TOC.
   Note: It is important that the Fruitland Coal has adequate cement across the entire interval from 2400' to 2870'.
8. Conduct cement squeezes and run bond logs until cement is to surface. Because 4 1/2" casing will eventually be set and cemented, pressure testing the squeeze perfs may not be necessary.
9. RDMOSU.
10. MIRURT.
11. Drill out cement and sidetrack the well. A sidetracking procedure will be provided by Frank Seidel.
12. RDMORT.
13. MIRU workover rig.
14. Drill out cement and DV tool to PBTD.
15. Run a CBL , determine if squeeze work will be necessary prior to fracture stimulation.
16. Pressure test casing to 80% of burst rating.
17. Correlate CBL to Schlumberger's Electric, Gamma Ray, Induction Log dated 55/06/02. Also correlate the Fields A 4A Compensated Density Log dated 77/08/16.
18. Swab fluid level down to 4500'.
19. RU lubricator and perforate the Point Lookout, under balanced, with a 3 1/8" casing gun, 4 JSPF, 90 degree phasing, and 15 g charges. Depths are based on Schlumberger's Electric Log, so be sure to adjust these depths according to the correlation log before perforating.

PERFORATE

5126' - 28' 5156' - 59' 5170' - 5206' 5250' - 58' 5273' - 80'

20. Fracture stimulate according to the attached Point Lookout frac schedule.
21. TIH with a RBP and set at 5000'. Cap with sand.
22. Swab fluid level down to 4000'.
23. RU lubricator and perforate the Cliffhouse, under balanced, with a 3 1/8" casing gun, 4 JSPF, 90 degree phasing, and 15 g charges. Depths are based on Schlumberger's Electric Log, so be sure to adjust these depths according to the correlation log before perforating.

PERFORATE

4533' - 37' 4545' - 47' 4622' - 31'
4634' - 43' 4681' - 90' 4698' - 4706'
4715' - 37' 4740' - 48' 4758' - 66'

24. Fracture stimulate according to the attached Cliffhouse frac schedule.
25. Clean out to PBTD with N2, TOH with RBP.
26. Swab/flow back load.
27. Once sand entry has ceased , land tubing at 5250' with a mule shoe on bottom and a seating nipple one joint off bottom.
28. Tie well back into surface equipment and return to production.

Amoco Production Company

ENGINEERING CHART

Sheet No ____ Of ____
File ____
Appn ____
Date ____
By PAE

SUBJECT Van Hook LS 1