

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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MAIL ROOM

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

070 TOWNSEND, NM

5 Lease Designation and Serial No.

SF-078336-B

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Barrett LS

1

9. API Well No.

3004510492

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:

Patty Haeefe

3. Address and Telephone No.

P.O. Box 800, Denver, CO 80201

(303) 830-4988

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

1650' FSL

790' FWL

Sec. 19 T 31N R 9W

Unit 1

12. CHECK APPROPRIATE BOX(s) 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

- ☐ 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 workover this well per the attached procedure.

Wayne Townsend gave verbal approval on 3/25/96.

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APR - 1 1996
OIL CON. DIV.
DIST. 3

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

Signed

Patty Haeefe

Title

Staff Assistant

03-25-1996

(This space for Federal or State office use)

APPROVED

Approved by

Title

Conditions of approval, if any:

MAR 27 1996

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 or fraudulent statement or representation as to any matter within its jurisdiction.

NMOCD

SJOET Well Work Procedure

Barrett LS 1

Version: #1
Date: March 25, 1996
Budget: Well Repair
Repair Type: Menefee Pay Add

Objectives:

1. Check tubing for leaks, recover stuck plunger equipment, lay down perf sub and anchor
 2. Perf and frac the Menefee interval
 3. Land TBG mid-lower perms and place well back on production
-

Pertinent Information:

Location:	1650' FSL x 790' FWL; 19L-T31N, R09W	Horizon:	MV
County:	San Juan	API #:	30-045-10492
State:	New Mexico	Engr:	Kutas
Lease:	Federal SF 078336-B	Phone:	H--(303)840-3700
Well Flac:	97879601		W-(303)830-5159
			P--(303)553-6334

Economic Information:

APC WI:	48.07%	Prod. Before Repair:	330 MCFD
Estimated Cost:	\$84,000	Anticipated Prod.:	660 MCFD
Payout:	11 Months	Uplift: 100 MCFD Exist	
Max Cost -12 Mo. P.O.	\$92M	230 MCFD MNFE	

Note: Economics will be run on all projects that have a payout exceeding ONE year.

Formation Tops: (Estimated formation tops)

Nacimiento:	Menefee:	5322-5715'
Ojo Alamo:	Point Lookout:	5715-TD
Kirtland Shale:	Mancos Shale:	
Fruitland:	Gallup:	
Pictured Cliffs: 3470-3508'	Graneros:	
Lewis Shale: 3508-5154'	Dakota:	
Cliff House 5154-5322'	Morrison:	

Bradenhead Test Information:

Test Date: 8/93 **Tubing:** 130 **Casing:** 192 **BH:** 0 psi

Time	BH	CSG	INT	CSG
5 min				
10 min				
15 min				

Comments: No flow.

Barrett LS 1
Orig. Comp. 5/75
TD = 6128', PBTD = 6112'
Page 2 of 2

1. Check and record tubing, casing and bradenhead pressures. Lower TBG, if possible (2 3/8" TSA 6053' w/plunger equipment, SN, 3' perf sub, and 31' bull plugged anchor on btm), and tag bottom. Tally out of hole. Check for and eliminate holes in tbg string. Attempt to work well hot; use kill fluid only if needed to work well safely.
2. TIH with BxS to PBD, TOH and LD 2 3/8" TBG. RU HES wireline. TIH with GR-CCL and CIBP. Tie into Welex GR-CDL dated 4-21-75 for depth control and set BP at 5720'. TOH. TIH with GR-CCL-3 1/8" HCP (w/0.29-0.30" EHD) csg gun and perforate Menefee with 2 shots @ 5468', 5586', 5688', 5698', and 1shot @ 5420', 5460', 5476', 5499', 5575', 5618', and 5630' (total shots = 15)
3. PU and TIH with 2 7/8" N-80 FJ and 2 3/8" N-80 (enough to spand the existing completed MV intervals) TBG and PKR. Set PKR at 5710' and PRS test BP. Raise and set PKR at 5380'. Break down and ball off perfs with 500 gal 7 1/2% Fe-HCl and 23 1.1 s.g. RCN balls
4. Raise and set PKR at 5050' and PRS test CSG to 500 psi. TOH with TBG and PKR.
5. Retrieve balls with WL junk basket. Set DTTS on wireline at 5380'.
6. TIH with frac string (2 7/8" slim hole N-80 and 200' 2 3/8" N-80 TBG); Sting into DDTS tool at 5380' and ready well for frac..
7. MI frac equipment and frac according to Menefee schedule (75 M# 16/30 Az sand, 22.1 Mgal water, 70.4 Mgal 70Q foam, WHTP = 7100 psi at 25 BPM)
8. Flowback immediately (as soon as frac equipment is rigged down) on a 1/4" choke for thefirst four hours and then on a 1/2" choke overnight.
9. TOH and lay down frac string. TIH with 2 3/8" TBG and BxS and c/o DTTS, sand and CIBP to PBD. TOH with MxS.
10. PU and TIH with 2 3/8" TBG with 1/2 mule shoe on botton and SN 1 jt off bottom. C/O fill to PBD at 6012' (minimum c/o depth = 5900'). Raise and land TBG at 5840-45'. Tie well back intov surface equipment and turn over to production.

If problems are encountered, please contact:

Mike Kutas

(W) (303) 830-5159
(H) (303)840-3700
(P) (303)553-6334