Form 3160-5 (June 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR RECEIVED BUREAU OF LAND MANAGEMENT BLM

FORM APPROVED Budget Bureau No. 1004-0135

Expires: March 31, 1993 5 Lease Designation and Serial No. SUNDRY NOTICES AND REPORT ON WELLS AM Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. β, if Indian, Allottee or Tribe Name Use "APPLICATION FOR PERMIT" - for such proposal 570 FARMINGTON, 7. If Unit or CA, Agreement Designation 1. Type of Well 8. Well Name and No. Well Other Atlantic B LS 5A 2. Name of Operator Attention: 9. API Well No. Amoco Production Company Patty Haefele 3004523378 3. Address and Telephone No. 10. Field and Pool, or Exploratory Area P.O. Box 800, Denver, Colorado 80015 (303) 830-4988 Blanco Mesaverde 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 11. County or Parish, State 1040' FNL 840' FWL Section 5 T30N **R10W** Unit D San Juan, New Mexico 12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION Abandonment ☐ Change of Plans Recompletion Notice of Intent **New Construction** Plugging Back Non-Routine Fracturing ☐ Casing Repair Water Shut-off Subsequent Report Altering Casing Conversion to Injection Other ☐ Dispose Water Final Abandonment Notice (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log Form.) 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 add pay to this well per the attached procedure.



14. I hereby certify that the foregoing is true and correct		ADBROVED
Signed Latty Halfele	Title Staff Assistant	Date
(This space for Federal or State office use)		JUL 1 0 1996
Approved by	Title	Date Date Date Date Date Date Date Date
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and or representations as to any matter within its jurisdiction.	d willfully to make to any department or agency of the	United States any false, lictifious, or fraudulent statement

(2)

SJOET Well Work Procedure

Atlantic B LS 5A

Version:

#1

Date:

July 3, 1996

Budget:

Well Repair

Work Type:

upper-Menefee and CliffHouse

Pay Add

Objectives:

Perf and frac upper-Menefee and CliffHouse intervals

Land TBG mid-lower perfs

Return well to production

Pertinent Information:

Location:

1040'FNLx840'FWL; Sect 5D-T30N, R10W

Horizon:

MV

County:

San Juan

API#:

30-045-23378

State:

New Mexico

Engr:

Kutas H--(303)840-3700

Lease:

Federal--SF 080917

Phone:

W-(303)830-5159

Well Flac:

97950901

P--(303)553-6334

Economic Information:

APC WI:

25%

Prod. Before Repair:

165 MCFD

Estimated Cost:

\$80,000

Pay uplift:

250 MCFD

Payout:

14 Months

Total Antic, Prod

415 MCFD

Max Cost -12 Mo. P.O.:

PV15:

Note:

Max Cost PV15:

Nacimento:

Formation Tops: (Estimated formation tops)

Menefee:

4498-5003'

Oio Alamo: Kirtland Shale:

Point Lookout: Mancos Shale: 5003-5369'

Fruitland:

Gallup:

5369'-TD

Pictured Cliffs:

Graneros:

Cliff House: 4318-4498'

Dakota:

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

Morrison:

Bradenhead Test Information:

BH

Test Date:

8/93

Tubing:

270 psi Casing:

365 psi **BH**: 0 psi

Time

5 min 10 min CSG

INT

CSG

15 min

Comments:

- 1. Check and record tubing, casing and bradenhead pressures. Lower TBG, if possible (2 3/8" TSA 5347' w/SN 1 jt off btm and plunger equipment above SN), and tag bottom. Tally out of hole. Note: Have Billy Mohon surface and remove plunger before MIRUSU. Attempt to work well hot; use kill fluid only if needed to work well safely.
- 2. TIH with BxS to PBD, TOH. RU HES wireline. TIH with GR-CCL and RBP. Tie into GO GR-CDL dated 7-28-79 for depth control and set BP at 4800'. TOH. Pressure test RBP. TIH with GR-CCL-3 1/8" HCP (w/0.29 0.30" EHD) csg gun and perforate the Cliff House and upper-Menefee with 1 shots @ 4320', 4333', 4384', 4390', 4396', 4402', 4408', 4424', 4430', 4436', 4440', 4455', 4480', 4495', 4505', 4510', 4514', 4517', 4522', 4530', 4543', 4551', 4554', 4562', 4567', 4572', 4576', 4584', 4588', 4594', 4631', 4664', 4690', 4701', 4707', 4725', 4733', 4748', 4754', 4765' (total shots = 40)
- 3. Break down and ball off perfs with 1000 gal 7 1/2% Fe-HCl and 62 1.1 s.g. RCN balls
- 4. Retrieve balls with WL junk basket. Prep well for frac
- 5. MI frac equipment and frac according to Menefee- CliffHouse schedule (150 M# 16/30 Az sand, 43 Mgal water, 127 Mgal 70Q foam, WHTP=2200 psi at 25 BPM, MTP=3000 psi))
- 6. Flowback immediately (as soon as frac equipment is rigged down) on a 1/4" choke for the first four hours and then on a 1/2" choke overnight.
- 7. PU and TIH with 2 3/8" TBG and ret head, c/o sand and retrieve RBP, TOH.
- 8. TIH with 2 3/8" TBG with 1/2 mule shoe and SN 1 on bottom. C/O fill to PBD. Raise and land TBG at 5130-40'.
- 9. Tie well back into surface equipment and turn over to production.
- 10. After producing well for a week, RU Protechnics and run through-tbg tracer log across the MV section.

If problems are encountered, please contact:

Mike Kutas

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