Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
SUNDRY NOTICES AND REPORT 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.

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

5. Lease Designation and Serial No.
NM-013686

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.
Pritchard C #1

2. Name of Operator
Amoco Production Company

Attention:
Patty Haefele

9. API Well No.
3004528622

3. Address and Telephone No.
P.O. Box 800, Denver, Colorado 80201 (303) 830-4988

10. Field and Pool, or Exploratory Area
Basin Fruitland Coal

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1430' FNL & 1540' FEL Section 34 T31N R9W Unit G

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 ☐ Recompletion ☐ Plugging Back ☐ Casing Repair ☐ Altering Casing ☒ Other Liner
☐ Subsequent Report	☐ Change of Plans ☐ New Construction ☐ Non-Routine Fracturing ☐ Water Shut-off ☐ Conversion to Injection ☐ Dispose Water
☐ Final Abandonment Notice	(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 perform liner work per the attached procedure.

RECEIVED
OCT 18 1996
OIL CON. DIV.
DIST. 3

070 FARMINGTON, NM
96 OCT -9 AM 10:37
RECEIVED

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

Signed Patty Haefele Title Staff Assistant Date 09/30/96

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

APPROVED
OCT 11 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, fictitious, or fraudulent statement or representations as to any matter within its jurisdiction..

* See Instructions on Reverse Side

NMOCD

SJOET Well Work Procedure

Pritchard C 1
Version: #1
Date: September 30, 1996
Budget: Well Repair
Repair Type: Clean Out and Run Liner

Objectives:
1. Clean out fill and underream openhole section
2. Run and perf 5 1/2" liner
3. Run 2 7/8" TBG and place well back on production

Pertinent Information:

Location:	1430' FNL x 1540' FEL; 34G-T31N, R09W	Horizon:	FT
County:	San Juan	API #:	30-045-28622
State:	New Mexico	Engr:	Kutas
Lease:	Federal; NM-013686	Phone:	H--(303)840-3700
Well Flac:	70651801		W-(303)830-5159
			P--(303)553-6334

Economic Information:

APC WI:	50%	Prod. Before Repair:	4200MCFD
Estimated Cost:	$95,000	Anticipated Prod.:	5200MCFD
Payout:	2.5 Months		
Max Cost -12 Mo. P.O.	$492,500		
PV15:			
Max Cost PV15:			

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

Formation Tops: (Estimated formation tops)

Nacimento:		Menefee:	
Ojo Alamo:		Point Lookout:	
Kirtland Shale:		Mancos Shale:	
Fruitland:	2648-TD	Gallup:	
Pictured Cliffs:		Graneros:	
Lewis Shale:		Dakota:	
Mesaverde:		Morrison:	

Bradenhead Test Information:
Test Date: 7/92 **Tubing:** 380 **Casing:** 800 **BH:** 0 psi

Time	BH	CSG	INT	CSG
5 min				
10 min				
15 min				

Comments:

Pritchard C 1
Orig. Comp. 2/92
TD= 2852', PBTD = 2852'

NOTE: TD/PBD corrected from 2823 to 2852' on 12/5/92 based on SLM; therefore, coal seam
depths may vary from mudlog depths

Current wellbore info: 7" CSA 2447', OH at 2447-2852', 4 1/2" TSA 2691', fill at approx 2725-30'
Current flow info: 4200 MCFD, FTP/CP=153/196 psi, LP=135 psi
General observations: 1. Well video shows significant fill in cavity-restricting production, as well as severe corrosion from the wellhead to the bottom of the tubing string.
Short term plans: 1. Clean out fill and underream OH section
2. Run and perf liner; run 2 7/8" tubing

1. MIRURT--. (Based on rig availability, AWS #56 will be used)
2. ND tree, rig up BOP's w/cavitation capability. Test BOE. TOH w/4.5" tubing laying it down. **Note: TBG is severely corroded and should be handled with care. Sections of the tubing string will be set aside for inspection.**
3. Pick up 4.750" drill collars and 3.500" drill pipe with 6.250" bit and clean out fill from 2,730' to total depth (2,852') using air and foam. Underream well to 9 1/4-1/2"prior to running liner. Stabilize hole as quickly as possible to allow running liner (after reaching TD, trip out to casing shoe and wait for 4-6 hours and check to determine amount of fill and how difficult it is to clean up.
4. Run a blank 5.500" flush joint liner (Hydril 511) from TD back to approx. 2,300'. Install a tri-cone bit on bottom with a float immediately above bit and a Baker Model SLR-P Liner Hanger Packer. Strip in hole and drill to bottom with power swivel if necessary. Hang liner, lay down drill pipe
5. RU HES, RUN GR-CCL to identify correct coal seam depth; TIH and Perforate as follows:

COAL ZONES		PERFORATIONS		
Ignacio	2,632 to 2,638'	2,632 to 2,638'	4 jspf	24 holes
	2,648 to 2,651'	2,648 to 2,651'	4 jspf	12 holes
	2,659 to 2,669'	2,659 to 2,669'	4 jspf	40 holes
Cottonwood	2,699 to 2,719'	2,699 to 2,719'	4 jspf	80 holes
Cahn #1	2,744 to 2,751'	2,744 to 2,751'	4 jspf	28 holes
Cahn #2	2,791 to 2,819'	2,791 to 2,819'	4 jspf	112 holes
		Total		**296 holes**

6. Pick up and run 2 7/8"TBG as follows: 1) 1/2 mule shoe
2) 2 7/8" std. SN with retrievable plug in place
3) remainder 2 7/8" TBG

Land bottom of TBG at approximately 2810' or at the mid-lower bottom Cahn seam (depth may vary from mud log). Pull retrievable plung. RDMODU. **Turn well over to production. Note: bring well on slowly, well may need swabbing in order to RTP.**

Dependent on speed of hole stabilization, I estimate this procedure to require approximately 5 days and to cost approximately $95,000 (see attached AFE form

If problems are encountered, please contact:

Mike Kutas

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