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.
SF-080876

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.
Trigg Federal Gas Com C #1

2. Name of Operator
Amoco Production Company

Attention:
Patty Haefele

9. API Well No.
3004528157

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)
2240' FSL & 865' FWL Section 25 T31N R9W Unit L

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 Liner	☐ 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 run and perf liner per the attached procedure.

Received verbal approval from Steve Mason on 8/14/96.

RECEIVED
AUG 21 1996
OIL CON. DIV.
DIST. 3

RECEIVED
BLM
96 AUG 16 PM 12:33
070 FARMINGTON, NM

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

Signed Patty Haefele Title Staff Assistant Date 08/14/96

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
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 statement or representations as to any matter within its jurisdiction..

* See Instructions on Reverse Side

APPROVED
AUG 16 1996
/s/ Duane Spencer

NMOCD

SJOET Well Work Procedure

Trigg Fed. GC 1
C
Version: #1
Date: August 14, 1996
Budget: Well Repair/Investment
Work Type: **Run liner and rod up well**

Objectives:
1. C/O fill, run and perf 5 1/2" liner
2. Rerun 2 7/8" TBG and rods and pump
3. Place well back on production

Pertinent Information:

Location:	2240'FSLx865'FWL; Sect 25L-T31N, R09W	Horizon:	FT
County:	San Juan	API #:	30-045-28157
State:	New Mexico	Engr:	Kutas
Lease:	Federal; SF-080876	Phone:	H--(303)840-3700
Well Flac:	70475801		W-(303)830-5159
			P--(303)553-6334

Economic Information:

APC WI:	49.603%	Prod. Before Repair:	6.5MMCFD
Estimated Cost:	$95,000	Anticipated Prod.:	8.5MMCFD
Payout:	1.5 Months		
Max Cost -12 Mo. P.O.	> $1.0 MM		
Pump jack cost:	$45,000		
Total Cost	$140,000		

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:	2458-2838'	Gallup:	
Pictured Cliffs:	2838-TD	Graneros:	
Lewis Shale:		Dakota:	
Mesaverde:		Morrison:	

Bradenhead Test Information:
Test Date: None **Tubing:** **Casing:** **BH:**

Time	BH	CSG	INT	CSG
5 min				
10 min				
15 min				

Comments:

Trigg Federal GC C 1:

Current wellbore info: 7", CSA 2529' OH at 2529-2839', 2 7/8" TSA 2661', fill at 2701'
Current flow info: 6500 MCFD, FTP/CP=154/157 psi, LP=145 psi
General observations: 1. Well currently not producing the same water or gas volumes as 1-2 month ago-the compressor is having problems returning well to production and keeping well unloaded following production interuptions
Short term plans: 1. Run and perf liner
2. Add artificial lift
Long term plans: 1. Electrify location to eliminate water trucking

1. MIRURT--for this initial attempt, a drilling rig is recommended because of its greater versatility and capability. (Based on rig availability and on recommendations made by Baker Oil Tools, AWS #376 is proposed instead of AWS #301.)
2. ND tree, rig up BOP's w/cavitation capability. Test BOE. TOH w/2.875" tubing laying it down.
3. Pick up 4.750" drill collars and 3.500" drill pipe with 6.250" bit and clean out fill from 2,358' to total depth (2,839') 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. RDxMODU
5. . RU HES, TIH and Perforate as follows:

COAL ZONES		PERFORATIONS		
Ignacio	2,587 to 2,589	2,587 to 2,589	4 jspf	8 holes
	2,598 to 2,602	2,598 to 2,602	4 jspf	16 holes
	2,637 to 2,639	2,637 to 2,639	4 jspf	8 holes
	2,653 to 2,672	2653 to 2672	4 jspf	76 holes
Cottonwood	2,709 to 2,729	2,709 to 2,729	4 jspf	80 holes
Cahn #1	2,749 to 2,757	2,749 to 2,757	4 jspf	32 holes
Cahn #2	2,801 to 2,826	2,801 to 2,826	4 jspf	100 holes
		Total		**320 holes**

6. Pick up and run 2 7/8" as follows: 1) 2 7/8" purge valve
2) One Jt 2 7/8" TBG
3) 2 7/8" x 4' perf sub--may reuse exist. 10' perf sub.
4) 2 7/8 std. pump SN with retrievable plug in place

Land bottom of TBG at approximately 2800'. Pull retrievable plung. RDMODU. Turn well over to production. Note: bring well on slowly, well may need swabbing
7. MIRU service; Run rods (3/4") and pump (1 3/4"), set pump in SN; load TBG and pressure test pump
8. RDMOSU and turn well over to production, Note: bring well on slowly, beginning with a slow SPM

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). The pump jack installation is estimated at $45,000.

If problems are encountered, please contact:

Mike Kutas

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