

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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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

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070 FARMINGTON, NM

6. Lease Designation and Serial No.	SF-078209
8. If Indian, Allottee or Tribe Name	
7. If Unit or CA, Agreement Designation	
8. Well Name and No.	Gallegos Canyon Unit 28
9. API Well No.	3004507931
10. Field and Pool, or Exploratory Area	N. Pinon Fruitland Sand
11. County or Parish, State	San Juan New Mexico

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	2. Name of Operator Amoco Production Company	Attention: Patty Haefele
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) 400' FNL 770' FEL Sec. 30 T 29N R 12W Unit A		

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other Bradenhead Remediation	<input type="checkbox"/> 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 perform bradenhead work on this well per the attached procedure.

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OIL CON. DIV.
DIST. 3

14. I hereby certify that the foregoing is true and correct	
Signed <u>Patty Haefele</u>	Title <u>Staff Assistant</u>
(This space for Federal or State office use)	
Approved by _____	Title _____
Conditions of approval, if any:	

APPROVED
MAY 31 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 statements or representations as to any matter within its jurisdiction.

NMOCD

SJOET Well Work Procedure

Wellname: GALLEGOS CANYON UNIT #028
Version: 1
Date: May 29, 1996
Budget: DRA/Repair Well Expense
Repair Type: Bradenhead Remediation

Objectives:

1. Remediate steady flow of gas to insure zonal isolation behind casing
2. Place well back on production
- 3.

Pertinent Information:

Location: A30 29N 12W, 400 FNL; 770 FEL
County: San Juan
State: New Mexico
Lease:
Well FLAC: 886635

FM: FT
API: 3004507931
Engr: Mark Yamasaki
Phone: H--(303)202-0361
W--(303)830-5841

TD: 1227 PBTID: 1223

Economic Information:

APC WI: .4675
Estimated Cost: \$35,000

Prod. Before Work: MCFD MCFD
Anticipated Prod.:

Payout:
Max Cost-12 Mo. P.O.:
PV 15: \$M
Max Cost PV 15: \$M

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

Formation Tops:

Nacimiento:		Menefee:
Ojo Alamo:		Pt Lookout:
Kirtland Shale:		Mancos Shale:
Fruitland:	930-1172	Gallup:
Pictured	1178-1227	Granceros:
Lewis Shale:		Dakota:
Cliff House:		Morrison:

Bradenhead Test Information:

Test Date: 4/08/96 Tubing: 71 Casing: 98 BH: 62

Time	BH	CSG	INT	CSG
5 min:		98		
10 min:		98		
15 min:		98		

Comments: Steady flow of gas.

Well Name: GALLEGOS CANYON UNIT Number: 028
Date: May 29, 1996
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SUGGESTED PROCEDURE:

1. Contact Federal or State agency prior to starting repair work.
2. Catch gas and/or water sample off of bradenhead and casing, and have analyzed.
3. Install and/or test anchors on location.
4. MIRUSU. Check and record tubing, casing and bradenhead pressures.
5. Blow down well and kill well, if necessary, with 2% KCL water.
6. ND wellhead. NU and pressure test BOP's.
7. TIH and tag PBTD, check for fill. Trip and tally out of hole with tubing, checking condition of tubing.
8. TIH with bit and scraper to top of perforations. A seating nipple and standing valve may be run in order to pressure test tubing. TOH.
9. TIH with RBP and packer. Set RBP 50-100 ft. above perforations. TOH one joint and set packer. Pressure test RBP to 1500 psi.
10. Pressure test casing above packer. Isolate leak, if any, by moving packer up the hole and repeating pressure test.

NOTE: If this can not be accomplished, contact Mark Yamasaki in Denver at (303) 830-5841.
11. Establish injection rate into leak, if found, and attempt to circulate to surface.
12. Release packer, spot sand on RBP and TOH with packer.
13. Run, if necessary, a CBL and CCL to determine cement top.
14. Perforate casing above cement top, if necessary, with 4 JSPF and circulate dye to determine cement volume.
15. Depending on depth of hole and circulating pressure, a packer or cement retainer may be needed.
16. Mix and pump sufficient cement (Class B or equivalent, with a setting time of 2 hours) to circulate to surface. Shut bradenhead valve and attempt to walk squeeze to obtain a 1000 psi squeeze pressure. WOC.
17. TIH with bit and scraper and drill out cement. Pressure test casing to 1000 psi. TOH with bit and scraper.
18. TIH with retrieving head for RBP. Circulate sand off of RBP and TOH with RBP.
19. TIH with sawtooth collar and/or bailer and clean out hole to PBTD, if fill was found in step 7. TOH.
20. TIH with production string (1/2 mule shoe on bottom and seating nipple one joint off bottom) and land tubing to original depth. NDBOP. NU wellhead.
21. Swab well in and put on production.

22. RDMOSU.

23. Take final bradenhead pressures and log date/pressures in CRWS.

STATE OF NEW MEXICO
ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE

1000 RIO BRAZOS ROAD
AZTEC, NEW MEXICO 87410
(505) 334-6178

BRADENHEAD TEST REPORT

(Submit 2 copies to above address)

Date of Test 4/8/96 Operator BHP PETROLEUM (AMERICAS) INC.

Lease Name Gallegos Canyon Unit Well No. 28 Location: Unit A Section 30 Township 29N Range 12W

Pressure (Shut-in or Flowing) Tubing 71 Intermediate _____ Casing 98 Bradenhead 62

OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

TIME	PRESSURES:			BRADENHEAD FLOWED	INTERMEDIATE FLOWED
	INTERMEDIATE	CASING			
5 min.		98	Steady Flow	XX	
10 min.		98	Surges		
15 min.		98	Down to Nothing		
20 min.			Nothing		
25 min.			Gas	XX	
30 min.			Gas & Water		
			Water		

If Bradenhead flowed water, check description below:

CLEAR _____ **FRESH** _____ **SALTY** _____ **SULFUR** _____ **BLACK** _____

REMARKS:

By E. E. Martin Witness _____

Position Production Foreman