

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000**SUNDRY NOTICES AND REPORTS ON WELLS****Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.**5. Lease Serial No.
NMSF - 079907

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other8. Well Name and No.
GALLEGOS CANYON UNIT 145E2. Name of Operator
AMOCO PRODUCTION COMPANYContact: CHERRY HLAVALA
E-Mail: corleym@blm.com9. API Well No.
30-045-242913a. Address
P.O. BOX 3092
HOUSTON, TX 772533b. Phone No. (include area code)
Ph: 281.366.4081
Fx: 281.366.070010. Field and Pool, or Exploratory
BASIN DAKOTA

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

Sec 26 T29N R12W NWNW 790FNL 990FWL

11. County or Parish, and State
SAN JUAN COUNTY, NM

12. CHECK APPROPRIATE BOX(ES) 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"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Amoco Production Company requests permission to do a bradenhead repair on the above well per the attached procedure.

14. I hereby certify that the foregoing is true and correct. Electronic Submission #8367 verified by the BLM Well Information System For AMOCO PRODUCTION COMPANY, sent to the Farmington Committed to AFMSS for processing by Lucy Bee on 11/01/2001 ()	
Name (Printed/Typed) CHERRY HLAVALA	Title AUTHORIZED REPRESENTATIVE
Signature (Electronic Submission)	Date 10/31/2001

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <i>Adrian Hlava</i>	Title <i>PE</i>	Date <i>11/15/01</i>
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office <i>FFO</i>

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ******NMOCD**

Bradenhead Repair Procedure - Type 1 (2 strings of casing)

1. Contact Federal and State agencies prior to starting repair work (NMOCD Charlie Perrin, 505-334-6178 X16, BLM 505-599-8907).
2. Check location for anchors. Install if necessary. Test anchors.
3. Catch fluid sample off of bradenhead for analysis.
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 6194' 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 feet above perforations. Pressure test csg to 500 psi.
10. Swab fluid off of RBP. Re-set RBP at +/- 2000'. Re-test csg to 500 psi. Dump sand on top of RBP.
11. Log CBL/CCL from 1500' to 250' to determine cement top.
12. Perforate casing above cement top with 4 JSPF. Attempt to circulate to surface. If successful, determine cement volume.
13. 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 1,000 psi squeeze pressure. WOC.
14. TIH with bit and scraper and drill out cement. Pressure test casing to 500 psi. TOH with bit and scraper.
15. TIH with retrieving head for RBP. Circulate sand off of RBP. Swab fluid off of RBP and retrieve RBP.
16. TIH with sawtooth collar and/or bailer and clean out hole to PBTD, if fill was found in step 7. TOH.
17. TIH with production string and land tubing at +/- 6050'. NDBOP. NU wellhead.
18. Swab well in and put on production.
19. RDMOSU.

San Juan Basin Well Work Procedure

Objectives:

- Pertinent Information:**

Economic Information:

Formation Tops: (Estimated formation tops)**Bradenhead Test Information:**

Time	BH	CSG	INT	CSG
5 min	0			
10 min				
15 min				

Comments: BH blew down in 3 minutes. Made approximately 3 gallons of oil and water mix (mostly oil). PSI after 5 minute shut-in was 3 psi.