

Submit 3 Copies  
to Appropriate  
District Office

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-103  
Revised 1-1-89

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

OIL CONSERVATION DIVISION  
P.O. Box 2088

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

Santa Fe, New Mexico 87504-2088

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

WELL API NO.  
3004507814

5. Indicate Type of Lease  
STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS  
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A  
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT"  
(FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:  
OIL WELL ☐ GAS WELL ☒ OTHER

7. Lease Name or Unit Agreement Name  
Gallegos Canyon Unit Com H

2. Name of Operator  
Amoco Production Company

Attention:  
Lori Arnold

8. Well No.  
180

3. Address of Operator  
P.O. Box 800 Denver Colorado 80201 (303) 830-5651

9. Pool name or Wildcat  
Basin Dakota

4. Well Location  
Unit Letter J : 1550 Feet From The South Line and 2130 Feet From The East Line  
Section 28 Township 29N Range 12W NMPM San Juan County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)  
5338 KB'

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐  
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
PULL OR ALTER CASING ☐  
OTHER: BRADENHEAD REPAIR ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐  
CASING TEST AND CEMENT JOB ☐  
OTHER: ☐

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Amoco Production Company requests to perform bradenhead remediation work over to eliminate bradenhead pressure. See attached procedures.

If you have any questions, please contact Lori Arnold at the number listed above.

RECEIVED  
AUG - 9 1993  
OIL CON. DIV  
DIST. 3

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Lori Arnold TITLE Business Analyst DATE 08-04-1993

TYPE OR PRINT NAME Lori Arnold TELEPHONE NO.

(This space for State Use)

APPROVED BY Original Signed by CHARLES GHOLSON TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE AUG 09 1993

CONDITIONS OF APPROVAL, IF ANY:

Workover Procedure  
Gallegos Canyon Unit Com H #180  
Sec.28-T29N-R12W  
San Juan County, NM

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 Emily Miller in Denver at (303) 830-4214. If no leak is found, it may be necessary to perforate the casing below surface casing depth or above the top of cement in order to circulate cement to surface.

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.



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

14045

BRADENHEAD TEST REPORT  
(Submit 2 copies to above address)

Date of Test 6-3-92 Operator Amoco Production, 200 Amoco Court, Farmington, NM  
Lease Name G.C.U. 180 Well No.        Location: Unit        Section        Township        N Range        W  
Pressure (Shut-in or Flowing) Perm H 180 Tubing 370 Intermediate        Casing 410 Bradenhead 125

OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

TIME	PRESSURES:		BRADENHEAD FLOWED	INTERMEDIATE FLOWED
	INTERMEDIATE	CASING		
5 min.		<u>410</u>	Steady Flow <u>      </u>	
10 min.		<u>410</u>	Surges <u>      </u>	
15 min.		<u>410</u>	Down to Nothing <u>✓</u>	
20 min.		<u>↓</u>	Nothing <u>      </u>	
25 min.		<u>↓</u>	Gas <u>✓</u>	
30 min.		<u>↓</u>	Gas & Water <u>      </u>	
			Water <u>      </u>	

If Bradenhead flowed water, check description below:

CLEAR        FRESH        SALTY        SULFUR        BLACK       

REMARKS:

Perm 67

By

Brent Elledge

Witness

GL - 5325  
KB - 5338

8-5/8" 24# CSA 358 x 200 sx

DV SA 4089

5717  
Pkr. SA ~~5817~~

2-3/8" TSA ~~5825~~  
5900

5794-5802 x 6 spf

5870-5900 x 2 spf

PBD - 5924  
TD - 5965

4-1/2" 10.5# CSA 5961 x 1315 sx

Amoco Production Company

Gallegos Canyon Unit Com H #180

SCALE

DRG.