

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

**DISTRICT II**

P.O. Drawer DD, Artesia, NM 88210

**DISTRICT III**

1000 Rio Brazos Rd., Aztec, NM

**OIL CONSERVATION DIVISION**

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

WELL API NO. 30-045-24169

Indicate Type of Lease  
STATE ☐ FEE ☒

State Oil & Gas Lease No.

Lease Name or Unit Agreement Name

Gallegos Canyon Unit

1. Type of Well:

OIL  
WELL ☐

GAS  
WELL ☒

OTHER

2. Name of Operator

AMOCO PRODUCTION COMPANY

Attention:

Mary Corley

8. Well No.

173E

P.O. Box 3092 Houston TX 77253

9. Pool name or Wildcat

Basin Dakota

4. Well Location

Unit Letter E : 1925' Feet From The NORTH Line and 635' Feet From The WEST Line

Section 29 Township 29N Rang 12W NMPM ' San Juan County

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

5303' GL

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)

Amoco Production Company request permission to perform bradenhead repair on the subject well as per the attached well work procedure.

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

SIGNATURE Mary Corley TITLE Sr. Regulatory Analyst DATE 11-28-2000

TYPE OR PRINT NAME Mary Corley TELEPHONE NO. 281-366-4491

(This space for State Use)

**SPECIAL SIGNED BY CHARLIE T. PETER**

**DEPUTY OIL & GAS INSPECTOR, DIST. DEC - 1 2000**

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

San Juan Basin Bradenhead Well Work Procedure  
Gallegos Canyon Unit 173E

1. Contact Federal or State agency prior to starting repair work.
2. Check location for anchors. Install if necessary. Test anchors.
3. Catch gas and/or water sample off of bradenhead and casing for analysis.
4. Install and/or test anchors on location.
5. MIRUSU. Check and record tubing, casing and bradenhead pressures.
6. Blow down well and kill well, if necessary, with 2% KCL water.
7. ND wellhead. NU and pressure test BOP's.
8. TIH and tag PBTD, check for fill. Trip and tally out of hole with tubing, checking condition of tubing.
9. 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.
10. TIH with RBP and packer. Set RBP 50 - 100 feet above perforations. TOH one joint and set packer. Pressure test RBP to 1,500 psi.
11. 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 Engineering. 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 to surface. Establish injection rate into leak, if found, and attempt to circulate to surface.

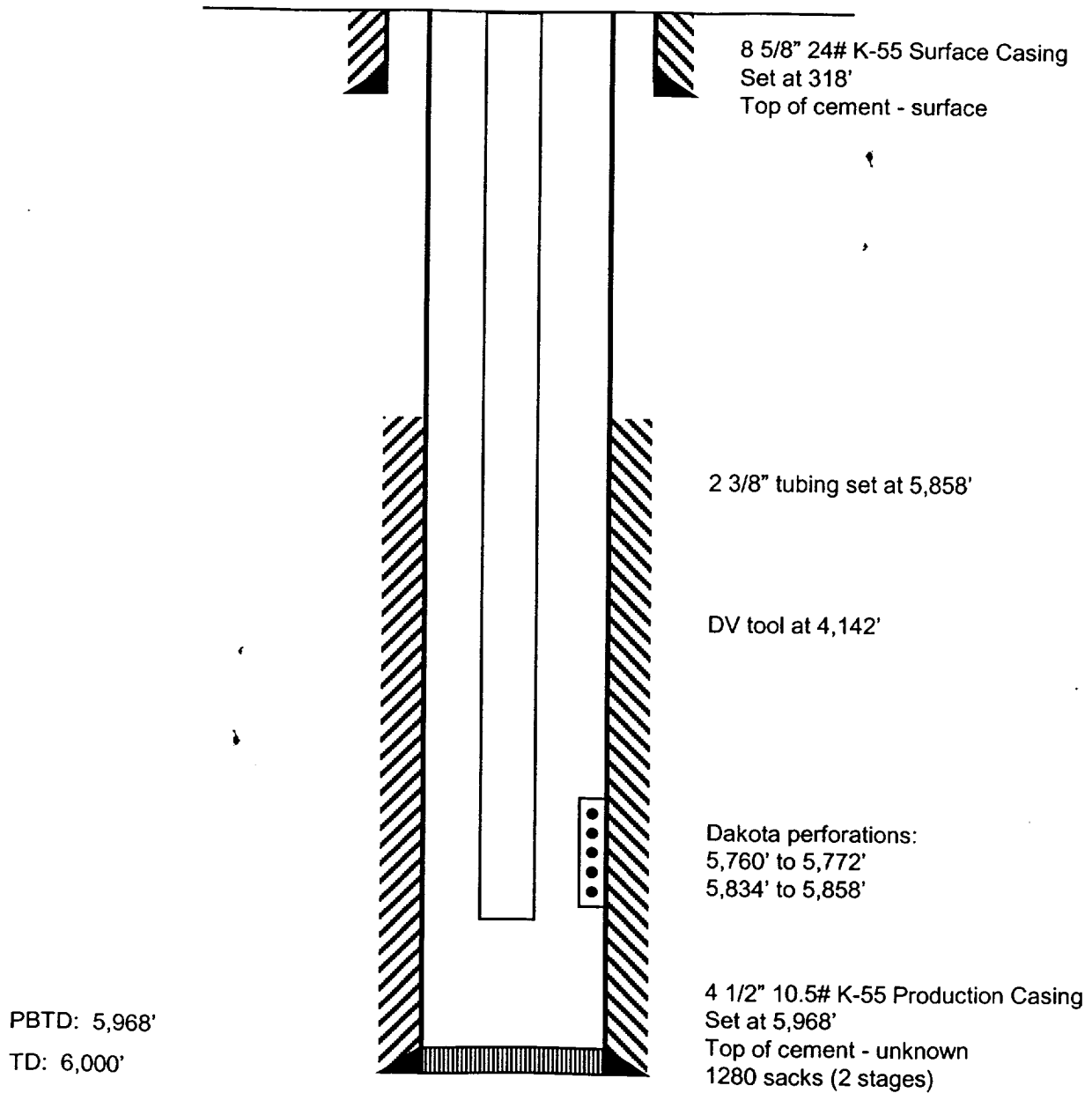
12. Establish injection rate into leak, if found, and attempt to circulate to surface.
13. Release packer, spot sand on RBP and TOH with packer.
14. Run, if necessary, a CBL and CCL to determine cement top.
15. Perforate casing above cement top, if necessary, with 4 JSPF and determine cement volume.
16. Depending on depth of hole and circulating pressure, a packer or cement retainer may be needed.
17. 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.
18. TIH with bit and scraper and drill out cement. Pressure test casing to 1,000 psi. TOH with bit and scraper.
19. TIH with retrieving head for RBP. Circulate sand off of RBP and TOH RBP.
20. TIH with sawtooth collar and/or bailer and clean out hole to PBTD, if fill was found in step 7. TOH.
21. TIH with production string and land tubing at depth specified by engineering. NDBOP. NU wellhead.
22. Swab well in and put on production.
23. RDMOSU.

# Gallegos Canyon Unit 173E (DK)

E29-T29N-R12W

API 3004524169

## Wellbore Schematic



Not to scale

9/15/00  
jkr