

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

5. Lease Designation and Serial No.

SF - 078903 - A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

GALLEGOS CANYON UNIT # 11

9. API Well No.

3004513354

10. Field and Pool, or Exploratory Area

WEST KUTZ PICTURED CLIFFS

11. County or Parish, State

San Juan

New Mexico

1. Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

AMOCO PRODUCTION COMPANY

Attention:

Nancy I. Whitaker

3. Address and Telephone No.

P.O. BOX 800 DENVER, COLORADO 80201

303-830-5039

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

660 FSL

660FWL

Sec. 34 T 28N R 12W

UNIT M

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other RE FRAC PC FORMATION  
☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ 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 REPAIR THE ABOVE WELL ACCORDING TO THE ATTACHED PROCEDURES.

FOR TECHNICAL QUESTIONS CONTACT MARK YAMASAKI 303-830-5841

RECEIVED  
APR 25 1997  
OIL CON. DIV.  
DML 3

RECEIVED  
BLM  
97 APR 18 PM 1:36  
070 FARMINGTON, NM

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

Signed

*Nancy I. Whitaker*

Title

Staff Assistant

Date

04-15-1997

(This space for Federal or State office use)

Approved by

*/s/ Duane W. Spencer*

Title

Date

APR 23 1997

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 statements or representations as to any matter within its jurisdiction.

\* See Instructions on Reverse Side

NMOOD

# SJOET Well Work Procedure

**GCU #11**

**Version:** Final  
**Date:** 3/28/97  
**Budget:** Repair/PC Refrac  
**Repair Type:** PC Restimulation

---

**Objectives: Stimulate Pictured Cliffs**

1. Laydown 1" Tubing
2. Pick Up 2 7/8" work string
3. Circulate Sand to Bottom
4. Frac Well
5. Cleanout put on production

---

**Pertinent Information:**

|  |                                 |
|--|---------------------------------|
| <b>Location:</b> 34 - T28N - R12W NW/4 | <b>Horizon:</b> Pictured Cliffs |
| <b>County:</b> San Juan                | <b>API #:</b> 30-045-13354      |
| <b>State:</b> New Mexico               | <b>Engr:</b> Yamasaki           |
| <b>Lease:</b> Federal SF-078903        | <b>Phone:</b> H--(303)202-0361  |
| <b>Well Flac:</b> 886555               | W-(303)830-5841                 |
|  | P--(303)553-6437                |

---

**Economic Information:**

|                                 |                                    |
|---------------------------------|------------------------------------|
| <b>APC WI:</b> 52 %             | <b>PC Anticipated IP:</b> 200 MCFD |
| <b>Estimated Cost:</b> \$ 50 M  |                                    |
| <b>Payout:</b> Years            |                                    |
| <b>Max Cost -12 Mo. P.O.</b> \$ |                                    |
| <b>PV15:</b> \$ 5 M             |                                    |
| <b>Max Cost PV1:</b> \$ 55 M    |                                    |

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

---

**Formation Tops: (Estimated formation tops)**

|                         |                       |
|-------------------------|-----------------------|
| <b>Nacimiento:</b>      | <b>Menefee:</b>       |
| <b>Ojo Alamo:</b>       | <b>Point Lookout:</b> |
| <b>Kirtland Shale:</b>  | <b>Mancos Shale:</b>  |
| <b>Fruitland:</b>       | <b>Gallup:</b>        |
| <b>Pictured Cliffs:</b> | <b>Graneros:</b>      |
| <b>Lewis Shale:</b>     | <b>Dakota:</b>        |
| <b>Cliff House:</b>     | <b>Morrison:</b>      |

---

**Bradenhead Test Information:**

**Test Date:** 4/6/96    **Tubing:** 123    **Casing:** 123    **BH:** 0

| Time   | BH | CSG | INT | CSG |
|--------|----|-----|-----|-----|
| 5 min  |    |     |     |     |
| 10 min |    |     |     |     |
| 15 min |    |     |     |     |

---

**Comments:**

1. Check anchors. MIRUSU.
2. Check and record tubing, casing and bradenhead pressures.
3. Test through 1/4" choke for 2 hours. Recording tubing and casing pressures. Blow down wellhead, kill if necessary.
4. Nipple down wellhead, nipple up and pressure test BOP.
5. TOH and laydown 1" tubing.
6. Pickup work string 2 7/8", N-80 and TIH with Bit x Scraper pass through perfs several times and from 1300-1450' (Packer will be set here).
7. TOH with with Bit x Scraper and laydown.
8. TIH with 2 7/8". Circulate 10 sks of sand down tubing. PBTD should be approximately 1,515'. Report PBTD to Denver.
9. TOH with 2 7/8". PU packer and set 1300-1450'.
10. Pressure test backside to 250 psi (Note: This is a 1952 wellbore!!! DO NOT be aggressive with pressure test.
11. RU frac equipment. Fracture Stimulate down casing with approximately 50 Mlbs, 70 Qal foam, Schedule A.
12. Flow back well immediately after frac is shut down.
13. TOH with Frac string and laydown.
14. Pickup 2 3/8" Production string (BHA: Mule shoe, SN). Land at 1490'. Cleanout to PBTD.
15. Flow test well reporting Gas and Water to Denver
16. Put well on production and make money.