

Submit 3 Copies To Appropriate District  
Office  
District I  
1c 25 N. French Dr., Hobbs, NM 88240  
District II  
811 South First, Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM  
87505

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
Revised March 25, 1999

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

WELL API NO. <b>30-045-22234</b>
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/> State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name: <b>Gallegos Canyon Unit</b> (Federal Well I-149-IND-8476 also filed on OSM Form 3160-3)
8. Well No. <b>274</b>
9. Pool name or Wildcat <b>Wildcat Farmington Sand &amp; Kutz PC West</b>

SUNDRY NOTICES AND REPORTS ON WELL  
(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

2. Name of Operator  
**Amoco Production Company** Attn: **Mary Corley**

3. Address of Operator  
**P.O. Box 3092 Houston, TX 77253**

4. Well Location

Unit Letter **P** **990** feet from the **South** line and **990** feet from the **East** line

Section **20** Township **28N** Range **12W** NMPM **San Juan** County

10. Elevation (Show whether DR, RKB, RT, GR, etc.)  
**5503'**

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 ☐ MULTIPLE COMPLETION ☐

OTHER: **Complete Pictured Cliffs & DHC** ☒

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. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

**Amoco Production Company request permission to complete the subject well into the Kutz Pictured Cliffs West and commingle production downhole with the existing Farmington Sand as per the attached procedure.**

**The Wildcat Farmington Sand (96521) & the Kutz Pictured Cliffs (79680) Pools are Pre-Approved for Downhole Commingling per NMOC CASE NO. 12520, ORDER NO. R-11567 effective 04/26/2001. Although the interest owners are not identical between these two Pools, this same order, established approval for subsequent applications for the downhole commingling of production in wellbores within the Gallegos Canyon Unit without notice to the unit interest owners, therefore, no additional notification is required prior to downhole commingling approval**

**Production is proposed to be allocated based on the subtraction method using the projected future decline for production from the Farmington Sand Pool. That production shall serve as a base for production subtracted from the total production for the commingled well. The balance of the production will be attributed to the Pictured Cliffs. Attached is the future production decline estimates for the Farmington Sand. Commingling Production Downhole in the subject well from the proposed pools with not reduce the value of the total remaining production.**

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 05/07/2001

Type or print name Mary Corley Telephone No. 281-366-4491

(This space for State use)

APPROVED BY Original Signed by STEVEN N. HAYDEN DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE MAY 17 2001

Conditions of approval, if any:

DHC 406A2

x

**DISTRICT I**

P.O. Box 1980, Hobbs, NM 88240

**DISTRICT II**

311 South First., Artesia, NM 88210

**DISTRICT III**

1000 Rio Brazos Rd., Aztec, NM 87410

**DISTRICT IV**

2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources Department**OIL CONSERVATION DIVISION**2040 South Pacheco  
Santa Fe, New Mexico 87505**Form C-102****Revised October 18, 1994**  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number 30-045-22234	Pool Code 96521 & 79680	Pool Name <i>28N/12W/20P</i> Wildcat Farmington Sand & Kutz Pictured Cliffs, West
Property Code 000570	Property Name Gallegos Canyon Unit	Well Number 274
GRID No. 000778	Operator Name AMOCO PRODUCTION COMPANY	Elevation 5503'

**Surface Location**

UL or lot no. UNIT P	Section 20	Township 28N	Range 12W	Lot. Idn	Feet from the 990'	North/South Line SOUTH	Feet from the 990'	East/West Line EAST	County San Juan
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**Bottom Hole Location If Different From Surface**

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
Dedicated Acreage: 160	Joint or Infill	Consolidation Code	Order No.						

**NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION**

	<b>OPERATOR CERTIFICATION</b>	
	I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief	
	Signature <i>Mary Corley</i>	
	Printed Name Mary Corley	
	Position Sr. Regulatory Analyst	
	Date 05/02/2001	
	<b>SURVEY CERTIFICATION</b>	
	I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.	
	09/28/1976	
	Date of Survey	
	Signature & Seal of Professional Surveyor	
	E.L. Poteet	
	Certificate No. 3084	

## **Gallegos Canyon Unit # 274**

### **Well Work Procedure**

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**Objective:**

Re-enter in Pictured Cliffs and downhole commingle with Farmington Sand. Original completion attempt in PC was ineffective in exploiting PC potential in this wellbore.

**Note: Prior to scheduling rig, confirm that surface facility modifications have been initiated.**

1. Check anchors. MIRU.
2. Check and record tubing, casing and bradenhead pressures.
3. Blow down wellhead, kill if necessary with 2% KCL water.
4. Nipple down wellhead, nipple up and pressure test BOP.
5. Tag PBTD. Tally out of hole and LD tubing.
6. RIH with bit and drill collars. Drill out cement retainer at 911' and CIBP at 1180'. Clean out to PBTD of 1331'. Make bit and scraper run to PBTD.
7. RU electric line and log GR/CCL strip from PBTD to 1100'. Correlate to Birdwell Induction Electric Log dated 1/14/77.
8. PU 2-7/8" frac string and tension packer. Set at 1200'.
9. RU frac equipment and frac well with 500 gal 15% spearhead acid, 3300 gallons 70 quality nitrogen foam and 60,000 lbs 20/40 sand according to attached pumping schedule. Flush to perfs. Do not overdisplace.
10. Flow back frac load immediately until well logs off.
11. Release packer. POOH and LD frac string and packer.
12. RIH w/ bit and DC on 2-3/8" tubing. RU air package and CO to PBTD.
13. TIH 2 3/8 tubing, rods and pump. Land tubing in PC perforations at 1240'.
14. RDMO. Hook up to pumping unit and well head compressor. Pump to unload and test.

# GCU #274

## Wellbore Diagram

990' FSL x 990' FEL  
Sec. 20, T28N, R12W  
San Juan Co., NM

### Current Configuration

### Proposed

GL: 5503'  
KB: 5512'

Surface Csg: 7", 23#  
@ 94'

Tubing:  
2 3/8" 4.7# J-55Tbg  
@ 652'

Farmington Sand  
Perfs (1spf)

614-22  
627-33  
638-44

Howco E-Z drill SV cmt retainer  
@911' w/ cmt above and below

Fruitland Sand Perfs (1spf)  
962-971'

CIBP @ 1180' w/ 5sx on top

Pictured Cliffs Perforations:

1246-56 (4spf)  
1264-74 (1spf)  
1280-90 (4spf)

Prod Csg: 4 1/2" @ 1449'  
10.5# CW-55 @ 922'-TD  
9.5# J-55 @ 0-922'

PBTD: 1331'  
TD: 1500'

Farmington Sand  
Perfs (1spf)

614-22  
627-33  
638-44

Fruitland Sand Perfs  
962-971'

Pictured Cliffs Perfs: