

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM 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.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well ☐ Oil Well ☒ Gas Well ☐ Other		5. Lease Serial No. I-149-IND-8476	
2. Name of Operator AMOCO PRODUCTION COMPANY		6. If Indian, Allottee or Tribe Name	
3a. Address P.O. BOX 3092 HOUSTON, TX 77253		7. If Unit or CA/Agreement, Name and/or No. GALLEGOS CANYON UNIT 274	
3b. Phone No. (include area code) Ph: 281.366.4491 Fx: 281.366.0700		9. API Well No. 30-045-22234	
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 20 T28N R12W Mer SESE		10. Field and Pool, or Exploratory WILDCAT F S & KUTZ PC, WEST	
		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			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ SUBCOM
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ 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 recompleate 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 recompleation 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 request permission to complete the subject well into the Kutz Pictured Cliffs, West Pool and commingle production downhole with the existing Wildcat Farmington Sand Pool as per the attached procedure. The Wildcat Farmington Sand (96521) & the Kutz Pictured Cliffs Pools (79680) Pools are Pre-Approved for Downhole Commingling per NMOCDCASE 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, 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. 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.

DIFC 406 A2, 5-21-1

14. I hereby certify that the foregoing is true and correct. Electronic Submission #4255 verified by the BLM Well Information System For AMOCO PRODUCTION COMPANY, sent to the Farmington Committed to AFMSS for processing by Maurice Johnson on 05/18/2001 ()	
Name (Printed/Typed) MARY CORLEY	Title AUTHORIZED REPRESENTATIVE
Signature	Date 05/15/2001

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <u>/s/ Jim Lovato</u>	Title	Date <u>MAY 24 2001</u>
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

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.

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AMOCO

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Gallegos Canyon Unit 274

Future Production Decline Estimate

(Monthly Factor .294%)

$\ln(Q_i/Q_j) = -dt$
 $Q_i = 13 \text{ MCFD } (06/2000)$
 $Q_j = 11 \text{ MCFD } (11/2000)$
 $t = 6 \text{ months } (.41666 \text{ yrs})$
 $d = 0.32 \text{ annual decline}$
 $0.027 \text{ monthly decline } (0.32/12)$

Corrected Volumes
 $11/13 = 0.84615$
 $.846 * .41666 = .35256$
 0.02938

Month	Gas Volume
Jan-2000	17
Feb-2000	17
Mar-2000	14
Apr-2000	13
May-2000	14
Jun-2000	13
Jul-2000	14
Aug-2000	10
Sep-2000	8
Oct-2000	8
Nov-2000	11
Dec-2000	13
Jan-2001	14
Feb-2001	17
Mar-2001	15
Apr-2001	16
May-2001	16
Jun-2001	16
Jul-2001	16
Aug-2001	16
Sep-2001	16
Oct-2001	16
Nov-2001	16
Dec-2001	16
Jan-2002	16
Feb-2002	16
Mar-2002	16
Apr-2002	15
May-2002	15
Jun-2002	15
Jul-2002	15
Aug-2002	15
Sep-2002	15
Oct-2002	15
Nov-2002	15
Dec-2002	15

Month	Gas Volume
Jan-2003	15
Feb-2003	15
Mar-2003	15
Apr-2003	15
May-2003	15
Jun-2003	15
Jul-2003	15
Aug-2003	15
Sep-2003	15
Oct-2003	15
Nov-2003	15
Dec-2003	15
Jan-2004	15
Feb-2004	15
Mar-2004	15
Apr-2004	15
May-2004	15
Jun-2004	14
Jul-2004	14
Aug-2004	14
Sep-2004	14
Oct-2004	14
Nov-2004	14
Dec-2004	14
Jan-2005	14
Feb-2005	14
Mar-2005	14
Apr-2005	14
May-2005	14
Jun-2005	14
Jul-2005	14
Aug-2005	14
Sep-2005	14
Oct-2005	14
Nov-2005	14
Dec-2005	14

Month	Gas Volume
Jan-2006	14
Feb-2006	14
Mar-2006	14
Apr-2006	14
May-2006	14
Jun-2006	14
Jul-2006	13
Aug-2006	13
Sep-2006	13
Oct-2006	13
Nov-2006	13
Dec-2006	13
Jan-2007	13
Feb-2007	13
Mar-2007	13
Apr-2007	13
May-2007	13
Jun-2007	13
Jul-2007	13
Aug-2007	13
Sep-2007	13
Oct-2007	13
Nov-2007	13
Dec-2007	13
Jan-2008	13
Feb-2008	13
Mar-2008	13
Apr-2008	13
May-2008	12
Jun-2008	12
Jul-2008	12
Aug-2008	12
Sep-2008	12
Oct-2008	12
Nov-2008	12
Dec-2008	12

Gallegos Canyon Unit - 274
Future Production Decline Estimate
(Monthly Factor .294%)

Month	Gas Volume
Jan-2009	12
Feb-2009	12
Mar-2009	12
Apr-2009	12
May-2009	12
Jun-2009	12
Jul-2009	12
Aug-2009	12
Sep-2009	12
Oct-2009	12
Nov-2009	12
Dec-2009	12
Jan-2010	12
Feb-2010	12
Mar-2010	12
Apr-2010	12
May-2010	11
Jun-2010	11
Jul-2010	11
Aug-2010	11
Sep-2010	11
Oct-2010	11
Nov-2010	11
Dec-2010	11
Jan-2011	11
Feb-2011	11
Mar-2011	11
Apr-2011	11
May-2011	11
Jun-2011	11
Jul-2011	11
Aug-2011	11
Sep-2011	11
Oct-2011	11
Nov-2011	11
Dec-2011	11

Month	Gas Volume
Jan-2012	11
Feb-2012	11
Mar-2012	11
Apr-2012	11
May-2012	11
Jun-2012	11
Jul-2012	11
Aug-2012	11
Sep-2012	10
Oct-2012	10
Nov-2012	10
Dec-2012	10
Jan-2013	10
Feb-2013	10
Mar-2013	10
Apr-2013	10
May-2013	10
Jun-2013	10
Jul-2013	10
Aug-2013	10
Sep-2013	10
Oct-2013	10
Nov-2013	10
Dec-2013	10
Jan-2014	10
Feb-2014	10
Mar-2014	10
Apr-2014	10
May-2014	10
Jun-2014	10
Jul-2014	10
Aug-2014	10
Sep-2014	10
Oct-2014	10
Nov-2014	10
Dec-2014	10

Month	Gas Volume
Jan-2015	10
Feb-2015	10
Mar-2015	10
Apr-2015	10
May-2015	10
Jun-2015	9
Jul-2015	9
Aug-2015	9
Sep-2015	9
Oct-2015	9
Nov-2015	9
Dec-2015	9
Jan-2016	9
Feb-2016	9
Mar-2016	9
Apr-2016	9
May-2016	9
Jun-2016	9
Jul-2016	9
Aug-2016	9
Sep-2016	9
Oct-2016	9
Nov-2016	9
Dec-2016	9
Jan-2017	9
Feb-2017	9
Mar-2017	9
Apr-2017	9
May-2017	9
Jun-2017	9
Jul-2017	9
Aug-2017	9
Sep-2017	9
Oct-2017	9
Nov-2017	9
Dec-2017	9

Month	Gas Volume
Jan-2018	9
Feb-2018	9
Mar-2018	9
Apr-2018	8
May-2018	8
Jun-2018	8
Jul-2018	8
Aug-2018	8
Sep-2018	8
Oct-2018	8
Nov-2018	8
Dec-2018	8
Jan-2019	8
Feb-2019	8
Mar-2019	8
Apr-2019	8
May-2019	8
Jun-2019	8
Jul-2019	8
Aug-2019	8
Sep-2019	8
Oct-2019	8
Nov-2019	8
Dec-2019	8
Jan-2020	8
Feb-2020	8
Mar-2020	8
Apr-2020	8
May-2020	7
Jun-2020	7
Jul-2020	7
Aug-2020	7
Sep-2020	7
Oct-2020	7
Nov-2020	7
Dec-2020	7

Gallegos Canyon Unit 274
Future Production Decline Estimate
(Monthly Factor .294%)

Month	Gas Volume
Jan-2021	7
Feb-2021	7
Mar-2021	7
Apr-2021	7
May-2021	7
Jun-2021	7
Jul-2021	7
Aug-2021	7
Sep-2021	7
Oct-2021	7
Nov-2021	7
Dec-2021	7
Jan-2022	7
Feb-2022	7
Mar-2022	7
Apr-2022	7
May-2022	7
Jun-2022	7
Jul-2022	7
Aug-2022	7
Sep-2022	7
Oct-2022	6
Nov-2022	6
Dec-2022	6
Jan-2023	6
Feb-2023	6
Mar-2023	6
Apr-2023	6
May-2023	6
Jun-2023	6
Jul-2023	6
Aug-2023	6
Sep-2023	6
Oct-2023	6
Nov-2023	6
Dec-2023	6

Month	Gas Volume
Jan-2024	6
Feb-2024	6
Mar-2024	6
Apr-2024	6
May-2024	6
Jun-2024	6
Jul-2024	6
Aug-2024	6
Sep-2024	6
Oct-2024	6
Nov-2024	6
Dec-2024	6
Jan-2025	6
Feb-2025	6
Mar-2025	6
Apr-2025	6
May-2025	6
Jun-2025	6
Jul-2025	5
Aug-2025	5
Sep-2025	5
Oct-2025	5
Nov-2025	5
Dec-2025	5
Jan-2026	5
Feb-2026	5
Mar-2026	5
Apr-2026	5
May-2026	5
Jun-2026	5
Jul-2026	5
Aug-2026	5
Sep-2026	5
Oct-2026	5
Nov-2026	5
Dec-2026	5

Month	Gas Volume
Jan-2027	5
Feb-2027	5
Mar-2027	5
Apr-2027	5
May-2027	5
Jun-2027	5
Jul-2027	5
Aug-2027	5
Sep-2027	5
Oct-2027	5
Nov-2027	5
Dec-2027	5
Jan-2028	5
Feb-2028	5
Mar-2028	5
Apr-2028	5
May-2028	5
Jun-2028	5
Jul-2028	5
Aug-2028	5
Sep-2028	5
Oct-2028	5
Nov-2028	4
Dec-2028	4
Jan-2029	4
Feb-2029	4
Mar-2029	4
Apr-2029	4
May-2029	4
Jun-2029	4
Jul-2029	4
Aug-2029	4
Sep-2029	4
Oct-2029	4
Nov-2029	4
Dec-2029	4

Month	Gas Volume
Jan-2030	4
Feb-2030	4
Mar-2030	4
Apr-2030	4
May-2030	4
Jun-2030	4
Jul-2030	4
Aug-2030	4
Sep-2030	4
Oct-2030	4
Nov-2030	4
Dec-2030	4
Jan-2031	4
Feb-2031	4
Mar-2031	4
Apr-2031	4
May-2031	4
Jun-2031	4
Jul-2031	4
Aug-2031	4
Sep-2031	4
Oct-2031	4
Nov-2031	4
Dec-2031	4
Jan-2032	4
Feb-2032	4
Mar-2032	4
Apr-2032	4
May-2032	4
Jun-2032	4
Jul-2032	4
Aug-2032	4
Sep-2032	4
Oct-2032	4
Nov-2032	4
Dec-2032	4

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 Wildcat Farmington Sand & Kutz Pictured Cliffs, West
Property Code 000570	Property Name Gallegos Canyon Unit	Well Number 274
OGRID No. 000778	Operator Name AMOCO PRODUCTION COMPANY	Elevation 5503'

Surface Location

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

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				
<table border="1"> <tr> <td>Dedicated Acreage: 160</td> <td>Joint or Infill</td> <td>Consolidation Code</td> <td>Order No.</td> </tr> </table>										Dedicated Acreage: 160	Joint or Infill	Consolidation Code	Order No.
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**

	OPERATOR CERTIFICATION	
	<i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</i>	
	Signature <i>Mary Corley</i>	
	Printed Name Mary Corley	
	Position Sr. Regulatory Analyst	
	Date 05/02/2001	
	SURVEY CERTIFICATION	
	<i>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.</i>	
	Date of Survey 09/28/1976	
	Signature & Seal of Professional Surveyor E.L. Poteet	
Certificate No. 3084		

Gallegos Canyon Unit # 274

Well Work Procedure

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 perms. 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

