

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

5. Lease Serial No.
NMSF - 080491

6. If Indian, Allottee or Tribe Name

If Unit or CA/Agreement, Name and/or No.

Well Name and No.
GALLEGOS CANYON UNIT 134E

API Well No.
30-045-25222

10. Field and Pool, or Exploratory
BASIN DAKOTA/OTERA CHACRA

11. County or Parish, and State
SAN JUAN COUNTY, NM

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

2. Name of Operator
AMOCO PRODUCTION COMPANY

Contact: **MARY CORLEY**
E-Mail: **corleyml@bp.com**

3a. Address
**P.O. BOX 3092
HOUSTON, TX 77253**

3b. Phone No. (include area code)
Ph: **281.366.4491**
Fx: **281.366.0700**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 17 T29N R12W Mer NESE 1570FSL 840FEL

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 recompleat 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 recompleat 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 Otero Chacra Pool and commingle production downhole with the existing Basin Dakota Pool as per the attached procedure. The Basin Dakota (71599) & the Otera Chacra Pools (82329) Pools are Pre-Approved for Downhole Commingling per NMOCD 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, 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 Basin Dakota. 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 Otera Chacra. Attached is the future production decline estimates for the Dakota. Commingling Production Downhole in the subject well from the proposed pools with not reduce the value of the total remaining production.

DAFC436A2

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

**Electronic Submission #4922 verified by the BLM Well Information System
For AMOCO PRODUCTION COMPANY, sent to the Farmington
Committed to AFMSS for processing by Maurice Johnson on 06/14/2001 ()**

Name (Printed/Typed) **MARY CORLEY**

Title **AUTHORIZED REPRESENTATIVE**

Signature

Date **06/12/2001**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By **/s/ Jim Lovato**

Title

Date **JUN 27**

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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NMOCD

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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 30-045-25222	Pool Code 71599 & 82329	Pool Name Basin Dakota & Otero Chacra
Property Code 000570	Property Name Gallegos Canyon Unit	Well Number 134E
OGRID No. 000778	Operator Name AMOCO PRODUCTION COMPANY	5694'

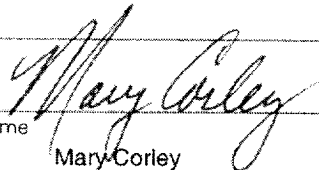
Surface Location

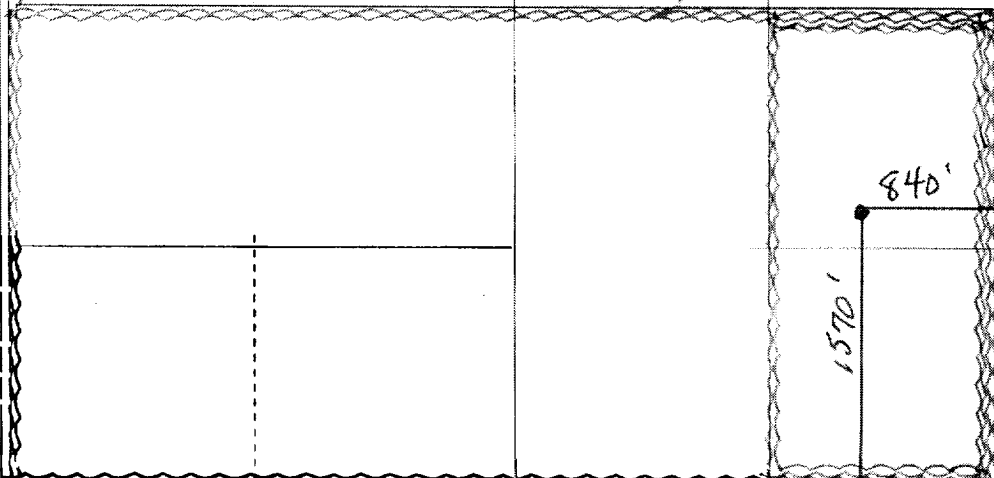
UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
UNIT I	17	29N	12W		1570'	SOUTH	840'	EAST	San Juan

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
Dedicated Acreage: 320 DK 79.36 CH		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  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> 01/15/1980 Date of Survey Signature & Seal of Professional Surveyor  Certificate No. 3950



Gallegos Canyon Unit 134E Well Work Procedure

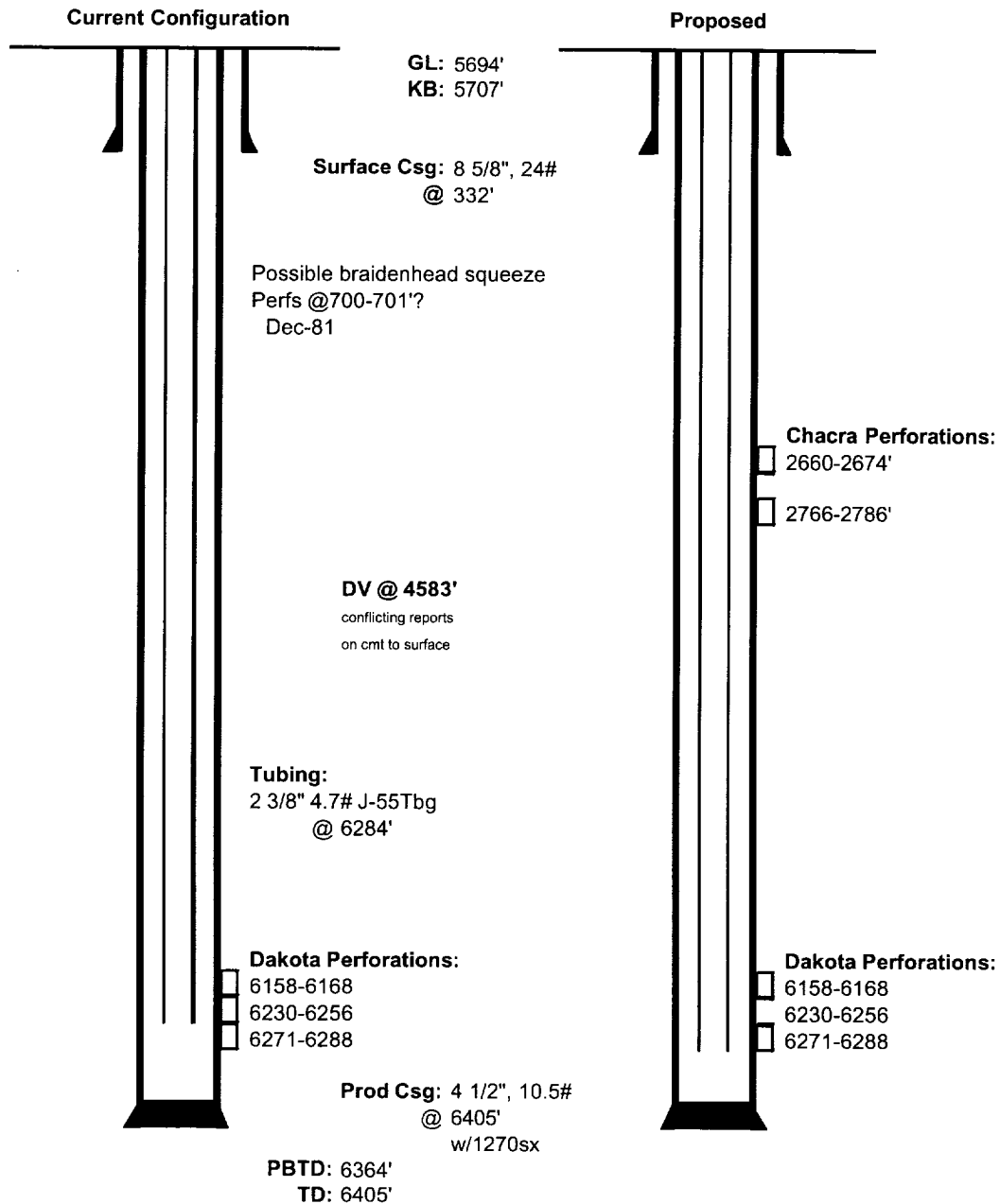
Note: Prior to scheduling rig, confirm that surface facility modifications have been initiated.

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 for fill. Tally out of hole with tubing. Visually inspect. Replace tubing as required.
6. RIH with bit and scraper. Clean out to PBTD as necessary.
7. Set CIBP via tubing at approximately 6050'. Load hole with 2%KCL and pressure test to 500#.
8. Run CBL/GR/CCL across Chacra interval to verify zonal isolation. (Note DV tool at 4583") Fax results to John Papageorge @ 281-366-7099.
9. Set RBP approximately 150' below bottom of proposed perforations and pressure test.
10. Perforate the following interval with 4JSPF, 120 deg. phasing: **Chacra 2660-2674, 2766-2786'**.
11. RU frac equipment and install WH isolation tool. Fracture stimulate down casing according to schedule 'A'.
12. Flow back frac load until well dies.
13. RIH with bit and tubing. Clean out fill. Pull RBP and drill out CIBP to commingle with Dakota.
14. TIH with 2 3/8" tbg, rods, and pump. Land 1 joint below Dakota perfs if possible.
15. RDMO. Hook up to pumping unit and well head compressor.
16. Pump to recover load and test.

GCU 134E

Wellbore Diagram

1570' FSL x 840' FEL
Sec. 17, T29N, R12W
San Juan Co., NM



Gallegos Canyon Unit 134E

Future Production Decline Estimate Dakota

(Monthly Factor .306%)

Month	Gas Volume
Jan-2000	44
Feb-2000	36
Mar-2000	41
Apr-2000	37
May-2000	37
Jun-2000	38
Jul-2000	34
Aug-2000	34
Sep-2000	32
Oct-2000	33
Nov-2000	43
Dec-2000	30
Jan-2001	26
Feb-2001	50
Mar-2001	47
Apr-2001	34
May-2001	34
Jun-2001	34
Jul-2001	34
Aug-2001	34
Sep-2001	34
Oct-2001	34
Nov-2001	33
Dec-2001	33
Jan-2002	33
Feb-2002	33
Mar-2002	33
Apr-2002	33
May-2002	33
Jun-2002	33
Jul-2002	33
Aug-2002	33
Sep-2002	33
Oct-2002	32
Nov-2002	32
Dec-2002	32

$$\ln(Q_f/Q_i) = -dt$$

$$Q_i = 34 \text{ MCFD (07/2000)}$$

$$Q_f = 30 \text{ MCFD (12/2000)}$$

$$t = 5 \text{ months (.41666 yrs)}$$

$$d = 0.32 \text{ annual decline}$$

$$0.027 \text{ monthly decline (0.32/12)}$$

Corrected Volumes

$$30/34 = 0.88235$$

$$.88 * .41666 = .36764$$

$$0.030636667$$

Month	Gas Volume
Jan-2003	32
Feb-2003	32
Mar-2003	32
Apr-2003	32
May-2003	32
Jun-2003	32
Jul-2003	32
Aug-2003	32
Sep-2003	32
Oct-2003	31
Nov-2003	31
Dec-2003	31
Jan-2004	31
Feb-2004	31
Mar-2004	31
Apr-2004	31
May-2004	31
Jun-2004	31
Jul-2004	31
Aug-2004	31
Sep-2004	31
Oct-2004	31
Nov-2004	30
Dec-2004	30
Jan-2005	30
Feb-2005	30
Mar-2005	30
Apr-2005	30
May-2005	30
Jun-2005	30
Jul-2005	30
Aug-2005	30
Sep-2005	30
Oct-2005	30
Nov-2005	29
Dec-2005	29

Month	Gas Volume
Jan-2006	29
Feb-2006	29
Mar-2006	29
Apr-2006	29
May-2006	29
Jun-2006	29
Jul-2006	29
Aug-2006	29
Sep-2006	28
Oct-2006	28
Nov-2006	28
Dec-2006	28
Jan-2007	28
Feb-2007	28
Mar-2007	28
Apr-2007	28
May-2007	28
Jun-2007	28
Jul-2007	28
Aug-2007	27
Sep-2007	27
Oct-2007	27
Nov-2007	27
Dec-2007	27
Jan-2008	27
Feb-2008	27
Mar-2008	27
Apr-2008	27
May-2008	27
Jun-2008	26
Jul-2008	26
Aug-2008	26
Sep-2008	26
Oct-2008	26
Nov-2008	26
Dec-2008	26

Gallegos Canyon Unit 134E
Future Production Decline Estimate Dakota
(Monthly Factor .306%)

Month	Gas Volume
Jan-2009	26
Feb-2009	26
Mar-2009	26
Apr-2009	26
May-2009	26
Jun-2009	25
Jul-2009	25
Aug-2009	25
Sep-2009	25
Oct-2009	25
Nov-2009	25
Dec-2009	25
Jan-2010	25
Feb-2010	25
Mar-2010	25
Apr-2010	25
May-2010	24
Jun-2010	24
Jul-2010	24
Aug-2010	24
Sep-2010	24
Oct-2010	24
Nov-2010	24
Dec-2010	24
Jan-2011	24
Feb-2011	24
Mar-2011	24
Apr-2011	24
May-2011	23
Jun-2011	23
Jul-2011	23
Aug-2011	23
Sep-2011	23
Oct-2011	23
Nov-2011	23
Dec-2011	23

Month	Gas Volume
Jan-2012	23
Feb-2012	23
Mar-2012	23
Apr-2012	23
May-2012	23
Jun-2012	23
Jul-2012	22
Aug-2012	22
Sep-2012	22
Oct-2012	22
Nov-2012	22
Dec-2012	22
Jan-2013	22
Feb-2013	22
Mar-2013	22
Apr-2013	22
May-2013	22
Jun-2013	22
Jul-2013	22
Aug-2013	22
Sep-2013	22
Oct-2013	21
Nov-2013	21
Dec-2013	21
Jan-2014	21
Feb-2014	21
Mar-2014	21
Apr-2014	21
May-2014	21
Jun-2014	21
Jul-2014	21
Aug-2014	21
Sep-2014	21
Oct-2014	21
Nov-2014	21
Dec-2014	21

Month	Gas Volume
Jan-2015	21
Feb-2015	20
Mar-2015	20
Apr-2015	20
May-2015	20
Jun-2015	20
Jul-2015	20
Aug-2015	20
Sep-2015	20
Oct-2015	20
Nov-2015	20
Dec-2015	20
Jan-2016	20
Feb-2016	20
Mar-2016	20
Apr-2016	20
May-2016	20
Jun-2016	19
Jul-2016	19
Aug-2016	19
Sep-2016	19
Oct-2016	19
Nov-2016	19
Dec-2016	19
Jan-2017	19
Feb-2017	19
Mar-2017	19
Apr-2017	19
May-2017	19
Jun-2017	19
Jul-2017	19
Aug-2017	19
Sep-2017	19
Oct-2017	19
Nov-2017	19
Dec-2017	18

Month	Gas Volume
Jan-2018	18
Feb-2018	18
Mar-2018	18
Apr-2018	18
May-2018	18
Jun-2018	18
Jul-2018	18
Aug-2018	18
Sep-2018	18
Oct-2018	18
Nov-2018	17
Dec-2018	17
Jan-2019	17
Feb-2019	17
Mar-2019	17
Apr-2019	17
May-2019	17
Jun-2019	17
Jul-2019	17
Aug-2019	17
Sep-2019	17
Oct-2019	17
Nov-2019	16
Dec-2019	16
Jan-2020	16
Feb-2020	16
Mar-2020	16
Apr-2020	16
May-2020	16
Jun-2020	16
Jul-2020	16
Aug-2020	16
Sep-2020	16
Oct-2020	16
Nov-2020	15
Dec-2020	15

Gallegos Canyon Unit 134E
Future Production Decline Estimate Dakota
(Monthly Factor .306%)

06/12/2001

Month	Gas Volume
Jan-2021	15
Feb-2021	15
Mar-2021	15
Apr-2021	15
May-2021	15
Jun-2021	15
Jul-2021	15
Aug-2021	15
Sep-2021	15
Oct-2021	15
Nov-2021	15
Dec-2021	15
Jan-2022	14
Feb-2022	14
Mar-2022	14
Apr-2022	14
May-2022	14
Jun-2022	14
Jul-2022	14
Aug-2022	14
Sep-2022	14
Oct-2022	14
Nov-2022	14
Dec-2022	14
Jan-2023	14
Feb-2023	14
Mar-2023	13
Apr-2023	13
May-2023	13
Jun-2023	13
Jul-2023	13
Aug-2023	13
Sep-2023	13
Oct-2023	13
Nov-2023	13
Dec-2023	13

Month	Gas Volume
Jan-2024	13
Feb-2024	13
Mar-2024	13
Apr-2024	13
May-2024	13
Jun-2024	12
Jul-2024	12
Aug-2024	12
Sep-2024	12
Oct-2024	12
Nov-2024	12
Dec-2024	12
Jan-2025	12
Feb-2025	12
Mar-2025	12
Apr-2025	12
May-2025	12
Jun-2025	12
Jul-2025	12
Aug-2025	12
Sep-2025	12
Oct-2025	12
Nov-2025	11
Dec-2025	11
Jan-2026	11
Feb-2026	11
Mar-2026	11
Apr-2026	11
May-2026	11
Jun-2026	11
Jul-2026	11
Aug-2026	11
Sep-2026	11
Oct-2026	11
Nov-2026	11
Dec-2026	11

Month	Gas Volume
Jan-2027	11
Feb-2027	11
Mar-2027	11
Apr-2027	11
May-2027	10
Jun-2027	10
Jul-2027	10
Aug-2027	10
Sep-2027	10
Oct-2027	10
Nov-2027	10
Dec-2027	10
Jan-2028	10
Feb-2028	10
Mar-2028	10
Apr-2028	10
May-2028	10
Jun-2028	10
Jul-2028	10
Aug-2028	10
Sep-2028	10
Oct-2028	10
Nov-2028	10
Dec-2028	10
Jan-2029	9
Feb-2029	9
Mar-2029	9
Apr-2029	9
May-2029	9
Jun-2029	9
Jul-2029	9
Aug-2029	9
Sep-2029	9
Oct-2029	9
Nov-2029	9
Dec-2029	9

Month	Gas Volume
Jan-2030	9
Feb-2030	9
Mar-2030	9
Apr-2030	9
May-2030	9
Jun-2030	9
Jul-2030	9
Aug-2030	9
Sep-2030	9
Oct-2030	8
Nov-2030	8
Dec-2030	8
Jan-2031	8
Feb-2031	8
Mar-2031	8
Apr-2031	8
May-2031	8
Jun-2031	8
Jul-2031	8
Aug-2031	8
Sep-2031	8
Oct-2031	8
Nov-2031	8
Dec-2031	8
Jan-2032	8
Feb-2032	8
Mar-2032	8
Apr-2032	8
May-2032	8
Jun-2032	8
Jul-2032	8
Aug-2032	8
Sep-2032	8
Oct-2032	8
Nov-2032	7
Dec-2032	7