

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.

5. Lease Serial No.
NMSF078209B

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
NMNM073868

8. Well Name and No.
GCU 180E

9. API Well No.
30-045-24869-00-D1

10. Field and Pool, or Exploratory
UNDESIGNATED

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

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator
AMOCO PRODUCTION COMPANY

Contact: (None Specified)

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

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

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

Sec 28 T29N R12W Mer SESW 0810FSL 1530FWL
36.69250 N Lat, 108.10783 W Lon

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 recomplete 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 recompletion 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 Basin Fruitland Coal and commingle production downhole with the existing Basin Dakota & Gallup Pools as per the attached procedure. Application for state approval of this trimingle application is being submitted to the NMOCD on Form C-107A. Although the interest owners are not identical between these Pools, NMOCD CASE NO. 12520, ORDER NO. R-11567 effective 04/26/2001, 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 Dakota and Gallup Pools. This 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 Fruitland Coal. Attached is the future production decline estimates for the Dakota & Gallup Pools. Commingling Production Downhole in the subject well from the proposed pools with not reduce the value of the total remaining production.

DHC 405A2, 5-21-1

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

**Electronic Submission #4174 verified by the BLM Well Information System
For AMOCO PRODUCTION COMPANY, sent to the Farmington
Committed to AFMSS for processing by Maurice Johnson on 05/16/2001 (01MXJ1859SE)**

Name (Printed/Typed) (None Specified)

Title

Signature

Date 05/10/2001

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <i>Joe Ham</i>	Title <i>Geologist</i>	Date <i>5-29-01</i>
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 <i>FFO - BLM</i>

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.

**** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ****

Gallegos Canyon Unit Com H 180E Dakota Future Production Decline Estimate

Month	Gas Volume	Month	Gas Volume	Month	Gas Volume
Jan-2000		Jan-2003	24	Jan-2006	19
Feb-2000		Feb-2003	24	Feb-2006	19
Mar-2000		Mar-2003	24	Mar-2006	19
Apr-2000		Apr-2003	24	Apr-2006	19
May-2000		May-2003	23	May-2006	19
Jun-2000		Jun-2003	23	Jun-2006	19
Jul-2000		Jul-2003	23	Jul-2006	18
Aug-2000		Aug-2003	23	Aug-2006	18
Sep-2000		Sep-2003	23	Sep-2006	18
Oct-2000		Oct-2003	23	Oct-2006	18
Nov-2000		Nov-2003	22	Nov-2006	18
Dec-2000		Dec-2003	22	Dec-2006	18
Jan-2001		Jan-2004	22	Jan-2007	18
Feb-2001		Feb-2004	22	Feb-2007	18
Mar-2001		Mar-2004	22	Mar-2007	18
Apr-2001		Apr-2004	22	Apr-2007	18
May-2001	28	May-2004	21	May-2007	17
Jun-2001	28	Jun-2004	21	Jun-2007	17
Jul-2001	28	Jul-2004	21	Jul-2007	17
Aug-2001	27	Aug-2004	21	Aug-2007	17
Sep-2001	27	Sep-2004	21	Sep-2007	17
Oct-2001	27	Oct-2004	21	Oct-2007	17
Nov-2001	27	Nov-2004	21	Nov-2007	17
Dec-2001	27	Dec-2004	21	Dec-2007	17
Jan-2002	26	Jan-2005	20	Jan-2008	17
Feb-2002	26	Feb-2005	20	Feb-2008	17
Mar-2002	26	Mar-2005	20	Mar-2008	17
Apr-2002	26	Apr-2005	20	Apr-2008	16
May-2002	26	May-2005	20	May-2008	16
Jun-2002	25	Jun-2005	20	Jun-2008	16
Jul-2002	25	Jul-2005	20	Jul-2008	16
Aug-2002	25	Aug-2005	20	Aug-2008	16
Sep-2002	25	Sep-2005	20	Sep-2008	16
Oct-2002	25	Oct-2005	20	Oct-2008	16
Nov-2002	24	Nov-2005	19	Nov-2008	16
Dec-2002	24	Dec-2005	19	Dec-2008	16

Nom Fit Decline - Hyper, 0.3264
 Forecast Decline - Hyper, 0.9500
 Beginning Date Rate 05/01/2001
 Volume 28.01MCFD
 Cum @ Beginning - 318416
 Remaining - 169270.21
 Total Reserves - 487686.21

Prior production has been limited by having packer for dual completion which has not allowed us to lift the liquids off the Gallup formation. The higher pressure caused by having these liquids in the wellbore have reduced the producing rate for the past several years.

Decline Stream has been determined utilizing Normalized fit decline, beginning cumulative reserves, remaining reserves & total reserves.

Gallegos Canyon Unit Com H 180E

Dakota Future Production Decline Estimate

Month	Gas Volume
Jan-2009	16
Feb-2009	16
Mar-2009	16
Apr-2009	16
May-2009	15
Jun-2009	15
Jul-2009	15
Aug-2009	15
Sep-2009	15
Oct-2009	15
Nov-2009	15
Dec-2009	15
Jan-2010	15
Feb-2010	15
Mar-2010	15
Apr-2010	15
May-2010	15
Jun-2010	15
Jul-2010	15
Aug-2010	14
Sep-2010	14
Oct-2010	14
Nov-2010	14
Dec-2010	14
Jan-2011	14
Feb-2011	14
Mar-2011	14
Apr-2011	14
May-2011	14
Jun-2011	14
Jul-2011	13
Aug-2011	13
Sep-2011	13
Oct-2011	13
Nov-2011	13
Dec-2011	13

Month	Gas Volume
Jan-2012	13
Feb-2012	13
Mar-2012	13
Apr-2012	13
May-2012	13
Jun-2012	13
Jul-2012	13
Aug-2012	13
Sep-2012	13
Oct-2012	13
Nov-2012	13
Dec-2012	13
Jan-2013	13
Feb-2013	13
Mar-2013	13
Apr-2013	13
May-2013	13
Jun-2013	13
Jul-2013	13
Aug-2013	12
Sep-2013	12
Oct-2013	12
Nov-2013	12
Dec-2013	12
Jan-2014	12
Feb-2014	12
Mar-2014	12
Apr-2014	12
May-2014	12
Jun-2014	12
Jul-2014	12
Aug-2014	12
Sep-2014	12
Oct-2014	12
Nov-2014	12
Dec-2014	12

Month	Gas Volume
Jan-2015	12
Feb-2015	12
Mar-2015	12
Apr-2015	12
May-2015	12
Jun-2015	12
Jul-2015	11
Aug-2015	11
Sep-2015	11
Oct-2015	11
Nov-2015	11
Dec-2015	11
Jan-2016	11
Feb-2016	11
Mar-2016	11
Apr-2016	11
May-2016	11
Jun-2016	11
Jul-2016	11
Aug-2016	11
Sep-2016	11
Oct-2016	11
Nov-2016	11
Dec-2016	11
Jan-2017	11
Feb-2017	11
Mar-2017	11
Apr-2017	11
May-2017	11
Jun-2017	11
Jul-2017	11
Aug-2017	11
Sep-2017	11
Oct-2017	10
Nov-2017	10
Dec-2017	10

Month	Gas Volume
Jan-2018	10
Feb-2018	10
Mar-2018	10
Apr-2018	10
May-2018	10
Jun-2018	10
Jul-2018	10
Aug-2018	10
Sep-2018	10
Oct-2018	10
Nov-2018	10
Dec-2018	10
Jan-2019	10
Feb-2019	10
Mar-2019	10
Apr-2019	10
May-2019	10
Jun-2019	10
Jul-2019	10
Aug-2019	10
Sep-2019	10
Oct-2019	10
Nov-2019	10
Dec-2019	10
Jan-2020	10
Feb-2020	10
Mar-2020	10
Apr-2020	10
May-2020	9
Jun-2020	9
Jul-2020	9
Aug-2020	9
Sep-2020	9
Oct-2020	9
Nov-2020	9
Dec-2020	9

Gallegos Canyon Unit Com H 180E

Dakota Future Production Decline Estimate

Month	Gas Volume
Jan-2021	9
Feb-2021	9
Mar-2021	9
Apr-2021	9
May-2021	9
Jun-2021	9
Jul-2021	9
Aug-2021	9
Sep-2021	9
Oct-2021	9
Nov-2021	9
Dec-2021	9
Jan-2022	9
Feb-2022	9
Mar-2022	9
Apr-2022	9
May-2022	9
Jun-2022	9
Jul-2022	9
Aug-2022	9
Sep-2022	9
Oct-2022	9
Nov-2022	9
Dec-2022	9
Jan-2023	9
Feb-2023	9
Mar-2023	9
Apr-2023	9
May-2023	8
Jun-2023	8
Jul-2023	8
Aug-2023	8
Sep-2023	8
Oct-2023	8
Nov-2023	8
Dec-2023	8

Month	Gas Volume
Jan-2024	8
Feb-2024	8
Mar-2024	8
Apr-2024	8
May-2024	8
Jun-2024	8
Jul-2024	7
Aug-2024	7
Sep-2024	7
Oct-2024	7
Nov-2024	7
Dec-2024	7
Jan-2025	7
Feb-2025	7
Mar-2025	7
Apr-2025	7
May-2025	7
Jun-2025	7
Jul-2025	7
Aug-2025	7
Sep-2025	7
Oct-2025	7
Nov-2025	7
Dec-2025	7
Jan-2026	7
Feb-2026	7
Mar-2026	7
Apr-2026	7
May-2026	7
Jun-2026	7
Jul-2026	7
Aug-2026	7
Sep-2026	7
Oct-2026	7
Nov-2026	7
Dec-2026	6

Month	Gas Volume
Jan-2027	6
Feb-2027	6
Mar-2027	6
Apr-2027	6
May-2027	6
Jun-2027	6
Jul-2027	6
Aug-2027	6
Sep-2027	6
Oct-2027	6
Nov-2027	6
Dec-2027	6
Jan-2028	6
Feb-2028	6
Mar-2028	6
Apr-2028	6
May-2028	6
Jun-2028	6
Jul-2028	6
Aug-2028	6
Sep-2028	6
Oct-2028	6
Nov-2028	6
Dec-2028	6
Jan-2029	6
Feb-2029	6
Mar-2029	6
Apr-2029	6
May-2029	6
Jun-2029	6
Jul-2029	6
Aug-2029	6
Sep-2029	5
Oct-2029	5
Nov-2029	5
Dec-2029	5

Month	Gas Volume
Jan-2030	5
Feb-2030	5
Mar-2030	5
Apr-2030	5
May-2030	5
Jun-2030	5
Jul-2030	5
Aug-2030	5
Sep-2030	5
Oct-2030	5
Nov-2030	5
Dec-2030	5
Jan-2031	5
Feb-2031	5
Mar-2031	5
Apr-2031	5
May-2031	5
Jun-2031	5
Jul-2031	5
Aug-2031	5
Sep-2031	5
Oct-2031	5
Nov-2031	5
Dec-2031	5
Jan-2032	5
Feb-2032	5
Mar-2032	5
Apr-2032	5
May-2032	5
Jun-2032	5
Jul-2032	5
Aug-2032	5
Sep-2032	5
Oct-2032	5
Nov-2032	5
Dec-2032	4

Gallegos Canyon Unit Com H 180E Future Production Decline Estimate

Month	Gas Volume		Month	Gas Volume		Month	Gas Volume
Jan-2000		Nom Fit Decline - Hyper,	Jan-2003	9		Jan-2006	7
Feb-2000		0.5549	Feb-2003	9		Feb-2006	6
Mar-2000		Forecast Decline - Hyper.	Mar-2003	9		Mar-2006	6
Apr-2000		0.1709	Apr-2003	9		Apr-2006	6
May-2000		Beginning Date Rate 05/01/2001	May-2003	9		May-2006	6
Jun-2000		Volume 11.84MCFD	Jun-2003	9		Jun-2006	6
Jul-2000		Cum @ Beginning - 4633	Jul-2003	9		Jul-2006	6
Aug-2000		Remaining - 21339.55	Aug-2003	9		Aug-2006	6
Sep-2000		Total Reserves - 25972.55	Sep-2003	8		Sep-2006	6
Oct-2000			Oct-2003	8		Oct-2006	6
Nov-2000			Nov-2003	8		Nov-2006	6
Dec-2000			Dec-2003	8		Dec-2006	6
Jan-2001			Jan-2004	8		Jan-2007	6
Feb-2001			Feb-2004	8		Feb-2007	6
Mar-2001			Mar-2004	8		Mar-2007	6
Apr-2001			Apr-2004	8		Apr-2007	6
May-2001	12		May-2004	8		May-2007	6
Jun-2001	12		Jun-2004	8		Jun-2007	6
Jul-2001	12		Jul-2004	8		Jul-2007	6
Aug-2001	11		Aug-2004	8		Aug-2007	6
Sep-2001	11		Sep-2004	8		Sep-2007	6
Oct-2001	11		Oct-2004	7		Oct-2007	6
Nov-2001	11		Nov-2004	7		Nov-2007	6
Dec-2001	11		Dec-2004	7		Dec-2007	6
Jan-2002	11		Jan-2005	7		Jan-2008	5
Feb-2002	11		Feb-2005	7		Feb-2008	5
Mar-2002	10		Mar-2005	7		Mar-2008	5
Apr-2002	10		Apr-2005	7		Apr-2008	5
May-2002	10		May-2005	7		May-2008	5
Jun-2002	10		Jun-2005	7		Jun-2008	5
Jul-2002	10		Jul-2005	7		Jul-2008	5
Aug-2002	10		Aug-2005	7		Aug-2008	5
Sep-2002	10		Sep-2005	7		Sep-2008	5
Oct-2002	10		Oct-2005	7		Oct-2008	5
Nov-2002	9		Nov-2005	7		Nov-2008	5
Dec-2002	9		Dec-2005	7		Dec-2008	5

Prior production has been limited by having packer for dual completion which has not allowed us to lift the liquids off the Gallup formation. The higher pressure caused by having these liquids in the wellbore have reduced the producing rate for the past several years.

Decline Stream has been determined utilizing Normalized fit decline, beginning cumulative reserves, remaining reserves & total reserves.

Gallegos Canyon Unit Com H 180E Future Production Decline Estimate

Month	Gas Volume
Jan-2009	5
Feb-2009	5
Mar-2009	5
Apr-2009	5
May-2009	5
Jun-2009	5
Jul-2009	5
Aug-2009	5
Sep-2009	5
Oct-2009	5
Nov-2009	5
Dec-2009	5
Jan-2010	5
Feb-2010	5
Mar-2010	5
Apr-2010	5
May-2010	5
Jun-2010	5
Jul-2010	5
Aug-2010	4
Sep-2010	4
Oct-2010	4
Nov-2010	4
Dec-2010	4
Jan-2011	4
Feb-2011	4
Mar-2011	4
Apr-2011	4
May-2011	4
Jun-2011	4
Jul-2011	4
Aug-2011	4
Sep-2011	4
Oct-2011	4
Nov-2011	4
Dec-2011	4

Month	Gas Volume
Jan-2012	4
Feb-2012	4
Mar-2012	4
Apr-2012	4
May-2012	4
Jun-2012	4
Jul-2012	4
Aug-2012	4
Sep-2012	4
Oct-2012	4
Nov-2012	4
Dec-2012	4
Jan-2013	4
Feb-2013	4
Mar-2013	4
Apr-2013	4
May-2013	4
Jun-2013	4
Jul-2013	4
Aug-2013	4
Sep-2013	4
Oct-2013	4
Nov-2013	4
Dec-2013	4
Jan-2014	4
Feb-2014	4
Mar-2014	4
Apr-2014	4
May-2014	4
Jun-2014	4
Jul-2014	4
Aug-2014	4
Sep-2014	4
Oct-2014	4
Nov-2014	4
Dec-2014	4

Month	Gas Volume
Jan-2015	4
Feb-2015	4
Mar-2015	4
Apr-2015	4
May-2015	4
Jun-2015	4
Jul-2015	4
Aug-2015	4
Sep-2015	4
Oct-2015	4
Nov-2015	4
Dec-2015	4
Jan-2016	4
Feb-2016	4
Mar-2016	4
Apr-2016	4
May-2016	4
Jun-2016	4
Jul-2016	4
Aug-2016	4
Sep-2016	4
Oct-2016	4
Nov-2016	4
Dec-2016	4
Jan-2017	4
Feb-2017	4
Mar-2017	4
Apr-2017	4
May-2017	3
Jun-2017	3
Jul-2017	3
Aug-2017	3
Sep-2017	3
Oct-2017	3
Nov-2017	3
Dec-2017	3

Month	Gas Volume
Jan-2018	3
Feb-2018	3
Mar-2018	3
Apr-2018	3
May-2018	3
Jun-2018	3
Jul-2018	3
Aug-2018	3
Sep-2018	3
Oct-2018	3
Nov-2018	3
Dec-2018	3
Jan-2019	3
Feb-2019	3
Mar-2019	3
Apr-2019	3
May-2019	3
Jun-2019	3
Jul-2019	3
Aug-2019	3
Sep-2019	3
Oct-2019	3
Nov-2019	3
Dec-2019	3
Jan-2020	3
Feb-2020	3
Mar-2020	3
Apr-2020	3
May-2020	3
Jun-2020	3
Jul-2020	3
Aug-2020	3
Sep-2020	3
Oct-2020	3
Nov-2020	3
Dec-2020	3

Gallegos Canyon Unit Com H 180E Future Production Decline Estimate

Month	Gas Volume
Jan-2021	3
Feb-2021	3
Mar-2021	3
Apr-2021	3
May-2021	3
Jun-2021	3
Jul-2021	3
Aug-2021	3
Sep-2021	3
Oct-2021	3
Nov-2021	3
Dec-2021	3
Jan-2022	3
Feb-2022	3
Mar-2022	3
Apr-2022	3
May-2022	3
Jun-2022	3
Jul-2022	3
Aug-2022	3
Sep-2022	3
Oct-2022	3
Nov-2022	3
Dec-2022	3
Jan-2023	3
Feb-2023	3
Mar-2023	2
Apr-2023	2
May-2023	2
Jun-2023	2
Jul-2023	2
Aug-2023	2
Sep-2023	2
Oct-2023	2
Nov-2023	2
Dec-2023	2

Month	Gas Volume
Jan-2024	2
Feb-2024	2
Mar-2024	2
Apr-2024	2
May-2024	2
Jun-2024	2
Jul-2024	2
Aug-2024	2
Sep-2024	2
Oct-2024	2
Nov-2024	2
Dec-2024	2
Jan-2025	2
Feb-2025	2
Mar-2025	2
Apr-2025	2
May-2025	2
Jun-2025	2
Jul-2025	2
Aug-2025	2
Sep-2025	2
Oct-2025	2
Nov-2025	2
Dec-2025	2
Jan-2026	2
Feb-2026	2
Mar-2026	2
Apr-2026	2
May-2026	2
Jun-2026	2
Jul-2026	2
Aug-2026	2
Sep-2026	2
Oct-2026	2
Nov-2026	2
Dec-2026	2

Month	Gas Volume
Jan-2027	2
Feb-2027	2
Mar-2027	2
Apr-2027	2
May-2027	2
Jun-2027	2
Jul-2027	2
Aug-2027	2
Sep-2027	2
Oct-2027	2
Nov-2027	2
Dec-2027	2
Jan-2028	2
Feb-2028	2
Mar-2028	2
Apr-2028	2
May-2028	2
Jun-2028	2
Jul-2028	2
Aug-2028	2
Sep-2028	2
Oct-2028	2
Nov-2028	2
Dec-2028	2
Jan-2029	2
Feb-2029	2
Mar-2029	2
Apr-2029	2
May-2029	2
Jun-2029	2
Jul-2029	2
Aug-2029	2
Sep-2029	2
Oct-2029	2
Nov-2029	2
Dec-2029	2

Month	Gas Volume
Jan-2030	2
Feb-2030	2
Mar-2030	2
Apr-2030	2
May-2030	2
Jun-2030	2
Jul-2030	2
Aug-2030	2
Sep-2030	2
Oct-2030	2
Nov-2030	2
Dec-2030	2
Jan-2031	2
Feb-2031	2
Mar-2031	2
Apr-2031	2
May-2031	2
Jun-2031	2
Jul-2031	2
Aug-2031	1
Sep-2031	1
Oct-2031	1
Nov-2031	1
Dec-2031	1
Jan-2032	1
Feb-2032	1
Mar-2032	1
Apr-2032	1
May-2032	1
Jun-2032	1
Jul-2032	1
Aug-2032	1
Sep-2032	1
Oct-2032	1
Nov-2032	1
Dec-2032	1

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 87505Form 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 30-045-24869	Pool Code 71599, 96525 & 71629	Pool Name Basin Dakota, Gallup & Basin Fruitland Coal
Property Code 000579	Property Name Gallegos Canyon Unit Com H	Well Number 180E
OGRID No. 000778	Operator Name AMOCO PRODUCTION COMPANY	Elevation 5322'

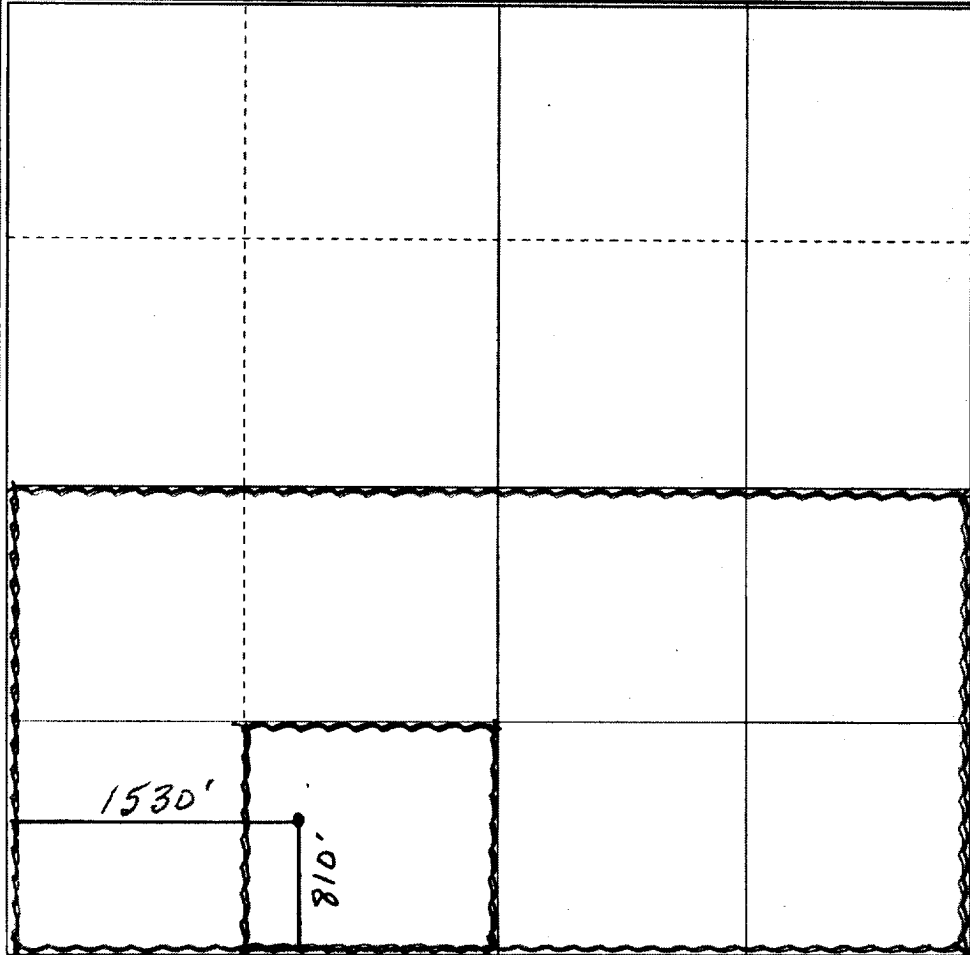
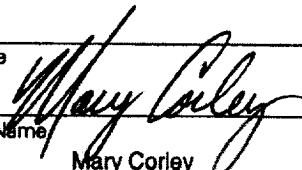
Surface Location

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
UNIT N	28	29N	12W		810'	SOUTH	1530'	WEST	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 & FC 40.22 GP		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> 11-21-1980 Date of Survey Signature & Seal of Professional Surveyor Fred B Kerr Jr. Certificate No. 3950

GCU Well Work Procedure

Well Name: **GCU Com H 180E**

Objective: Pull dual tubing strings and cleanout wellbore. Recomplete in Fruitland Coal and downhole commingle with Dakota/Gallup.

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. POH and LD both tubing strings. RU air unit and power swivel. RIH w/ packer picker and drill collars. Mill out and retrieve packer.
6. RIH with bit and scraper. Clean out to PBTD as necessary.
7. Set CIBP via tubing at approximately 4800'. Load hole with 2%KCL and pressure test to 500#.
8. Run CBL/GR/CCL across Fruitland Coal interval to verify zonal isolation. (Note:DV tool at 4131') 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: **FRLD 1176-1180', 1194-1198', 1232-1247'**.
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 DK/GP.
14. TIH with 2 3/8" tbg, rods, and pump. Land 1 joint below Dakota perms if possible.
15. RDMO. Hook up to pumping unit and well head compressor.
16. Pump to recover load and test.

GCU Com H 180E

Wellbore Diagram

810' FSL x 1530' FWL
Sec. 28, T29N, R12W
San Juan Co., NM

