

Submit 3 Copies to
Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

DISTRICT I

P.O. Box 1980, Hobbs, NM

DISTRICT II

P.O. Drawer DD, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

WELL API NO. 30-045-23561

5. Indicate Type of Lease
STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

Heath Gas Com H

1. Type of Well:

OIL
WELL ☐

GAS
WELL ☒

OTHER

2. Name of Operator

AMOCO PRODUCTION COMPANY

Attention:

Mary Corley

8. Well No.

1E

P.O. Box 3092 Houston TX 77253

9. Pool name or Wildcat

Basin Dakota & Blanco Mesaverde

4. Well Location

Unit Letter

H

1750'

Feet From The

NORTH

Line and

840'

Feet From The

EAST

Line

Secio

8

Township

29N

Rang

09W

NMPM

San Juan

County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)

5685'

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 ☐

OTHER: Add Mesaverde & 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)

Amoco Production Company request permission to complete the subject well into the Blanco Mesaverde and commingle production downhole with the existing Basin Dakota Pool as per the attached procedure.

The Basin Dakota (71599) & the Blanco Mesaverde (72319) Pools are Pre-Approved for Downhole Commingling per NMOCD Order R - 11363.

The working interest in the proposed commingled pools are identical, however, the royalty interest owners are not and are being notified of this application by certified mail (return receipt) on September 28, 2000. A listing of these owners is attached.

Production is proposed to be allocated based on the subtraction method using the projected future decline for production from the 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 Blanco Mesaverde. 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.

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

09-28-2000

TYPE OR PRINT NAME

Mary Corley

TELEPHONE NO.

281-366-4491

(This space for State Use)

APPROVED BY

[Signature]

TITLE

DEPUTY OIL & GAS INSPECTOR, DIST. 25

DATE

SEP 29 2000

CONDITIONS OF APPROVAL, IF ANY:

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 30-045-23561	Pool Code 71599 & 72319	Pool Name Basin Dakota & Blanco Mesaverde
Property Code 000657	Property Name Heath Gas Com H	Well Number 1E
OGRID No. 000778	Operator Name AMOCO PRODUCTION COMPANY	Elevation

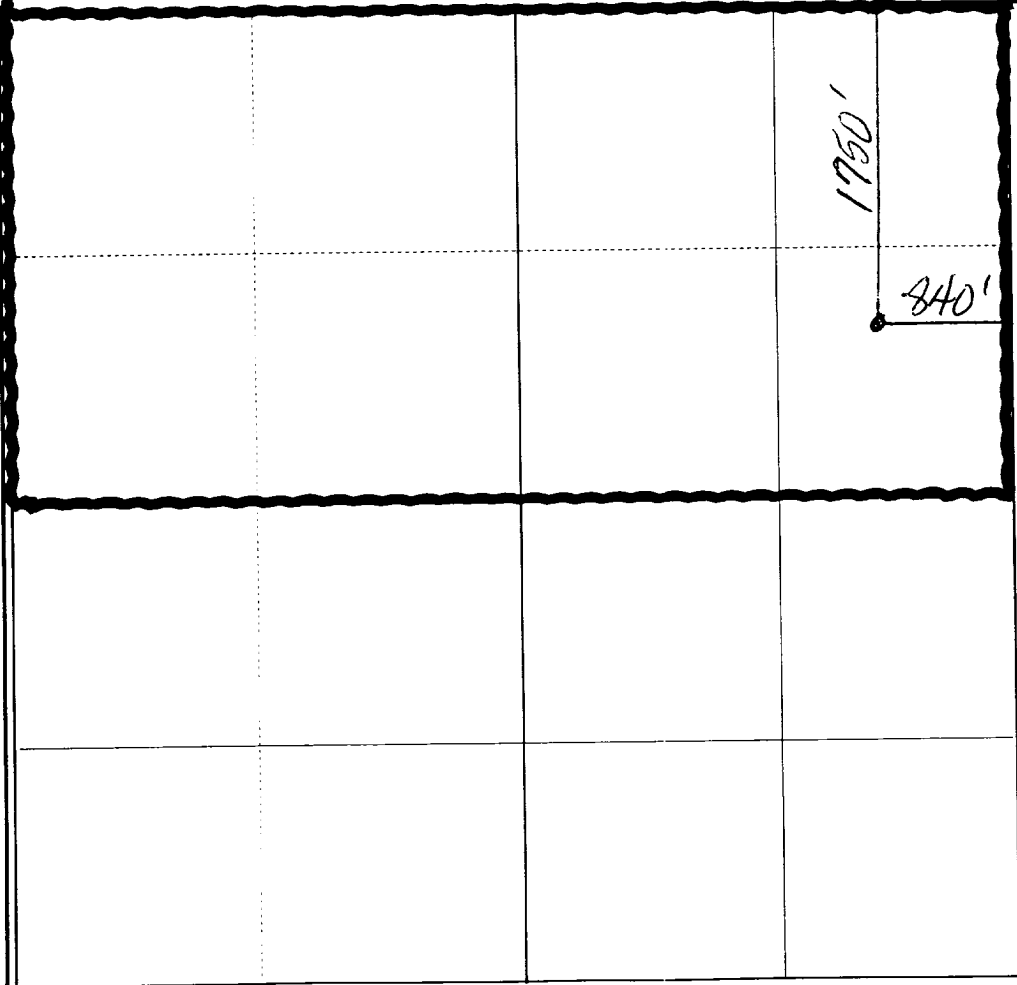
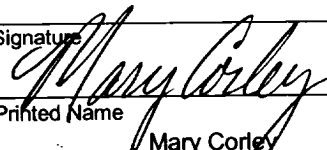
Surface Location

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
UNIT H	8	29N	9W		1750'	NORTH	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	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: 09/28/2000
	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 Signature & Seal of Professional Surveyor Fred B Kerr Jr Certificate No. 3950

Heath GC H #1E Recompletion Procedure

Procedure:

1. Check anchors. MIRU.
2. Check and record tubing, casing, and bradenhead pressures.
3. Blow down well. If necessary, kill with 2% KCL water.
4. Nipple down WH. NU BOPs.
5. Tag and tally OH with 2-3/8" production tubing set at 6841'.
6. TIH with bit and scraper for 4-1/2" casing to 4700'.
7. TIH with tubing-set CIBP. Set CIBP at 4700'. Load hole with 2% KCL.
8. RU WL. Run CBL over MV interval (3750' - 4650') to ensure zonal isolation across the MV
9. Pressure test casing to 2500 psi.
10. RIH with 3-1/8" casing guns. Perforate Lower Menefee/Point Lookout formation.
4211', 4227', 4251', 4305', 4320', 4338', 4367', 4395', 4438', 4450', 4455',
4480', 4490', 4505', 4518', 4530', 4545', 4562'
11. RU frac equipment and install wellhead isolation tool. Use 2% KCL/N2 foam in fracture stimulation.
12. Spearhead 500 gal 15% HCL, establish injection rate, and proceed with fracture stimulation according to Schlumberger schedule.
13. Immediately after frac job, RU WL unit and lubricator.
14. RIH and set CIBP between Cliffhouse and Menefee at 4100'.
15. RIH with 3-1/8" casing guns. Perforate Cliffhouse/Upper Menefee formation.
3845', 3865', 3873', 3882', 3890', 3912', 3923', 3943', 3952', 3965', 3975',
3990', 3995', 4025', 4065'
16. RU frac equipment and install wellhead isolation tool. Use 2% KCL/N2 foam in fracture stimulation.
17. Spearhead 500 gal 15% HCL, establish injection rate, and proceed with fracture stimulation according to Schlumberger schedule
18. Flowback frac immediately.
19. TIH with tubing and bit. Cleanout fill and drill bridge plugs set at 4100' and 4700'. Cleanout fill to PBTD at 6894'.
20. TIH with 2-3/8" production tubing. Land production tubing at 6700'.
21. ND BOP's. NU WH. Return well to production and downhole commingle MV and DK production.

Heath Gas Com H 1E Future Production Decline Estimate Daily Rates (Monthly Factor .0036)

Month	Gas Volume
Jan-2000	126
Feb-2000	95
Mar-2000	85
Apr-2000	81
May-2000	86
Jun-2000	85
Jul-2000	82
Aug-2000	76
Sep-2000	76
Oct-2000	76
Nov-2000	75
Dec-2000	75
Jan-2001	75
Feb-2001	75
Mar-2001	74
Apr-2001	74
May-2001	74
Jun-2001	74
Jul-2001	74
Aug-2001	73
Sep-2001	73
Oct-2001	73
Nov-2001	73
Dec-2001	72
Jan-2002	72
Feb-2002	72
Mar-2002	72
Apr-2002	72
May-2002	71
Jun-2002	71
Jul-2002	71
Aug-2002	71
Sep-2002	71
Oct-2002	70
Nov-2002	70
Dec-2002	70

Month	Gas Volume
Jan-2003	70
Feb-2003	70
Mar-2003	69
Apr-2003	69
May-2003	69
Jun-2003	69
Jul-2003	69
Aug-2003	69
Sep-2003	69
Oct-2003	68
Nov-2003	68
Dec-2003	68
Jan-2004	68
Feb-2004	68
Mar-2004	68
Apr-2004	68
May-2004	68
Jun-2004	67
Jul-2004	67
Aug-2004	67
Sep-2004	67
Oct-2004	67
Nov-2004	67
Dec-2004	67
Jan-2005	66
Feb-2005	66
Mar-2005	66
Apr-2005	66
May-2005	66
Jun-2005	66
Jul-2005	66
Aug-2005	66
Sep-2005	65
Oct-2005	65
Nov-2005	65
Dec-2005	65

Month	Gas Volume
Jan-2006	65
Feb-2006	65
Mar-2006	64
Apr-2006	64
May-2006	64
Jun-2006	64
Jul-2006	64
Aug-2006	63
Sep-2006	63
Oct-2006	63
Nov-2006	63
Dec-2006	63
Jan-2007	63
Feb-2007	62
Mar-2007	62
Apr-2007	62
May-2007	62
Jun-2007	62
Jul-2007	61
Aug-2007	61
Sep-2007	61
Oct-2007	61
Nov-2007	61
Dec-2007	60
Jan-2008	60
Feb-2008	60
Mar-2008	60
Apr-2008	60
May-2008	60
Jun-2008	59
Jul-2008	59
Aug-2008	59
Sep-2008	59
Oct-2008	59
Nov-2008	59
Dec-2008	58

Month	Gas Volume
Jan-2009	58
Feb-2009	58
Mar-2009	58
Apr-2009	58
May-2009	57
Jun-2009	57
Jul-2009	57
Aug-2009	57
Sep-2009	57
Oct-2009	57
Nov-2009	56
Dec-2009	56
Jan-2010	56
Feb-2010	56
Mar-2010	56
Apr-2010	56
May-2010	55
Jun-2010	55
Jul-2010	55
Aug-2010	55
Sep-2010	55
Oct-2010	55
Nov-2010	54
Dec-2010	54
Jan-2011	54
Feb-2011	54
Mar-2011	54
Apr-2011	54
May-2011	53
Jun-2011	53
Jul-2011	53
Aug-2011	53
Sep-2011	53
Oct-2011	53
Nov-2011	53
Dec-2011	52

Heath Gas Com H 1E

Future Production Decline Estimate Daily Rates (Monthly Factor .0036)

Month	Gas Volume
Jan-2012	52
Feb-2012	52
Mar-2012	52
Apr-2012	52
May-2012	52
Jun-2012	51
Jul-2012	51
Aug-2012	51
Sep-2012	51
Oct-2012	51
Nov-2012	51
Dec-2012	51
Jan-2013	50
Feb-2013	50
Mar-2013	50
Apr-2013	50
May-2013	50
Jun-2013	50
Jul-2013	49
Aug-2013	49
Sep-2013	49
Oct-2013	49
Nov-2013	49
Dec-2013	49
Jan-2014	49
Feb-2014	48
Mar-2014	48
Apr-2014	48
May-2014	48
Jun-2014	48
Jul-2014	48
Aug-2014	48
Sep-2014	47
Oct-2014	47
Nov-2014	47
Dec-2014	47

Month	Gas Volume
Jan-2015	47
Feb-2015	47
Mar-2015	47
Apr-2015	46
May-2015	46
Jun-2015	46
Jul-2015	46
Aug-2015	46
Sep-2015	46
Oct-2015	46
Nov-2015	45
Dec-2015	45
Jan-2016	45
Feb-2016	45
Mar-2016	45
Apr-2016	45
May-2016	45
Jun-2016	45
Jul-2016	44
Aug-2016	44
Sep-2016	44
Oct-2016	44
Nov-2016	44
Dec-2016	44
Jan-2017	44
Feb-2017	43
Mar-2017	43
Apr-2017	43
May-2017	43
Jun-2017	43
Jul-2017	43
Aug-2017	43
Sep-2017	43
Oct-2017	42
Nov-2017	42
Dec-2017	42

Month	Gas Volume
Jan-2018	42
Feb-2018	42
Mar-2018	42
Apr-2018	41
May-2018	41
Jun-2018	41
Jul-2018	41
Aug-2018	41
Sep-2018	40
Oct-2018	40
Nov-2018	40
Dec-2018	40
Jan-2019	40
Feb-2019	39
Mar-2019	39
Apr-2019	39
May-2019	39
Jun-2019	39
Jul-2019	38
Aug-2019	38
Sep-2019	38
Oct-2019	38
Nov-2019	38
Dec-2019	37
Jan-2020	37
Feb-2020	37
Mar-2020	37
Apr-2020	37
May-2020	36
Jun-2020	36
Jul-2020	36
Aug-2020	36
Sep-2020	36
Oct-2020	36
Nov-2020	35
Dec-2020	35

Month	Gas Volume
Jan-2021	35
Feb-2021	35
Mar-2021	35
Apr-2021	35
May-2021	34
Jun-2021	34
Jul-2021	34
Aug-2021	34
Sep-2021	34
Oct-2021	33
Nov-2021	33
Dec-2021	33
Jan-2022	33
Feb-2022	33
Mar-2022	33
Apr-2022	32
May-2022	32
Jun-2022	32
Jul-2022	32
Aug-2022	32
Sep-2022	32
Oct-2022	32
Nov-2022	31
Dec-2022	31
Jan-2023	31
Feb-2023	31
Mar-2023	31
Apr-2023	31
May-2023	30
Jun-2023	30
Jul-2023	30
Aug-2023	30
Sep-2023	30
Oct-2023	30
Nov-2023	30
Dec-2023	29

Heath Gas Com H 1E Future Production Decline Estimate Daily Rates (Monthly Factor .0036)

Month	Gas Volume
Jan-2024	29
Feb-2024	29
Mar-2024	29
Apr-2024	29
May-2024	29
Jun-2024	29
Jul-2024	28
Aug-2024	28
Sep-2024	28
Oct-2024	28
Nov-2024	28
Dec-2024	28
Jan-2025	28
Feb-2025	27
Mar-2025	27
Apr-2025	27
May-2025	27
Jun-2025	27
Jul-2025	27
Aug-2025	27
Sep-2025	26
Oct-2025	26
Nov-2025	26
Dec-2025	26
Jan-2026	26
Feb-2026	26
Mar-2026	26
Apr-2026	26
May-2026	25
Jun-2026	25
Jul-2026	25
Aug-2026	25
Sep-2026	25
Oct-2026	25
Nov-2026	25
Dec-2026	25

Month	Gas Volume
Jan-2027	24
Feb-2027	24
Mar-2027	24
Apr-2027	24
May-2027	24
Jun-2027	24
Jul-2027	24
Aug-2027	24
Sep-2027	23
Oct-2027	23
Nov-2027	23
Dec-2027	23
Jan-2028	23
Feb-2028	23
Mar-2028	23
Apr-2028	23
May-2028	23
Jun-2028	22
Jul-2028	22
Aug-2028	22
Sep-2028	22
Oct-2028	22
Nov-2028	22
Dec-2028	22
Jan-2029	22
Feb-2029	22
Mar-2029	21
Apr-2029	21
May-2029	21
Jun-2029	21
Jul-2029	21
Aug-2029	21
Sep-2029	21
Oct-2029	21
Nov-2029	21
Dec-2029	20

Month	Gas Volume
Jan-2030	20
Feb-2030	20
Mar-2030	20
Apr-2030	20
May-2030	20
Jun-2030	20
Jul-2030	20
Aug-2030	20
Sep-2030	20
Oct-2030	19
Nov-2030	19
Dec-2030	19
Jan-2031	19
Feb-2031	19
Mar-2031	19
Apr-2031	19
May-2031	19
Jun-2031	19
Jul-2031	19
Aug-2031	18
Sep-2031	18
Oct-2031	18
Nov-2031	18
Dec-2031	18
Jan-2032	18
Feb-2032	18
Mar-2032	18
Apr-2032	18
May-2032	18
Jun-2032	18
Jul-2032	17
Aug-2032	17
Sep-2032	17
Oct-2032	17
Nov-2032	17
Dec-2032	17

Month	Gas Volume
Jan-2033	17
Feb-2033	17
Mar-2033	17
Apr-2033	17
May-2033	17
Jun-2033	17
Jul-2033	16
Aug-2033	16
Sep-2033	16
Oct-2033	16
Nov-2033	16
Dec-2033	16
Jan-2034	16
Feb-2034	16
Mar-2034	16
Apr-2034	16
May-2034	16
Jun-2034	16
Jul-2034	15
Aug-2034	15
Sep-2034	15
Oct-2034	15
Nov-2034	15
Dec-2034	15
Jan-2035	15
Feb-2035	15
Mar-2035	15
Apr-2035	15
May-2035	15
Jun-2035	15
Jul-2035	15
Aug-2035	15
Sep-2035	14
Oct-2035	14
Nov-2035	14
Dec-2035	14