Submit 3 Copies To Appropriate District Office
District I
1625 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

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

Form C-103
Revised March 25, 1999

WELL API NO. 30-045-23442

5. Indicate Type of Lease STATE FEE [X]

6. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

(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.)

7. Lease Name or Unit Agreement Name: Heaton A

1. Type of Well: Oil Well [ ] Gas Well [X] Other

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

8. Well No. 1

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

9. Pool name or Wildcat: Basin Dakota & Blanco Mesaverde

4. Well Location

Unit Letter M 1070 feet from the South line and 1180 feet from the West line

Section 30 Township 31N Range 11W NMPM San Juan County

10. Elevation *(Show whether DR, RKB, RT, GR, etc.)* 5934'

11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK [ ]	PLUG AND ABANDON [ ]	REMEDIAL WORK [ ]	ALTERING CASING [ ]
TEMPORARILY ABANDON [ ]	CHANGE PLANS [ ]	COMMENCE DRILLING OPNS. [ ]	PLUG AND ABANDONMENT [ ]
PULL OR ALTER CASING [ ]	MULTIPLE COMPLETION [ ]	CASING TEST AND CEMENT JOB [ ]	
OTHER: Complete Mesaverde & Downhole Commingle [X]		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 recompilation.

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 and overriding royalty interest owners in the proposed commingled pools are not identical, and are, therefore being notification of this application via certified mail (return receipt).

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 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. DHC 528 AZ

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 09/06/2001

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

(This space for State use)

APPPROVED BY Original Signed by STEVEN N. HAYDEN TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE SEP 10 2001

Conditions of approval, if any:

District I
1625 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
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-102
Revised August 15, 2000

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

[1] API Number	[2] Pool Code	[3] Pool Name
30-045-23442	72319	Blanco Mesaverde

[4] Property Code	[5] Property Name	[6] Well Number
000668	Heaton A	1

[7] OGRID No.	[8] Operator Name	[9] Elevation
000778	Amoco Production Company	5934'

[10] Surface Location

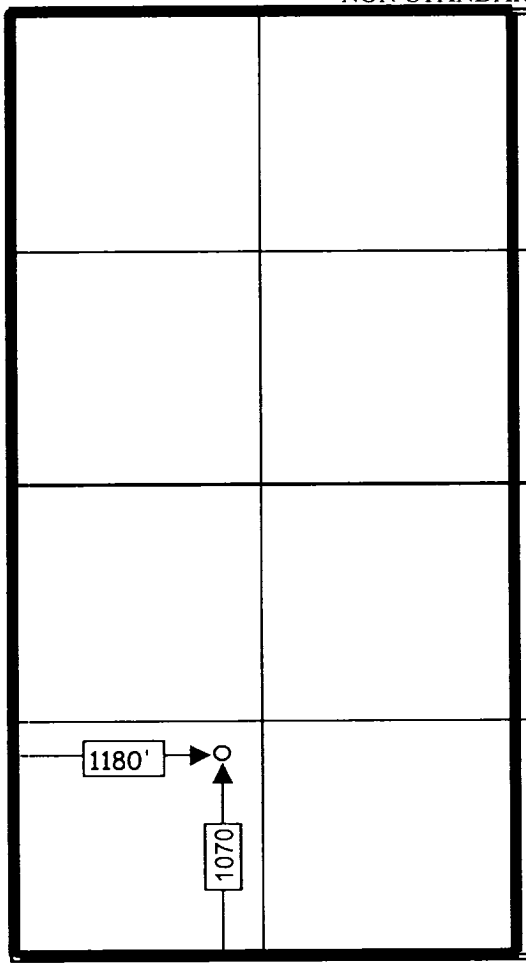
UL or lot no.	Section	Township	Range	Lot Idn	Feet from	North/South	Feet from	East/West	County
Unit B	30	31N	11W		1070'	South	1180'	West	San Juan

[11] Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from	North/South	Feet	East/West	County

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
323.4			

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



[17] OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Mary Corley

Signature

Mary Corley

Printed Name

Sr. Regulatory Analyst

Title

08/08/2001

Date

[18] SURVEYOR CERTIFICATION

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 belief.

11/6/1978

Date of Survey

Signature and Seal of Professional Surveyor:

Fred B Kerr Jr 3950

Certificate Number

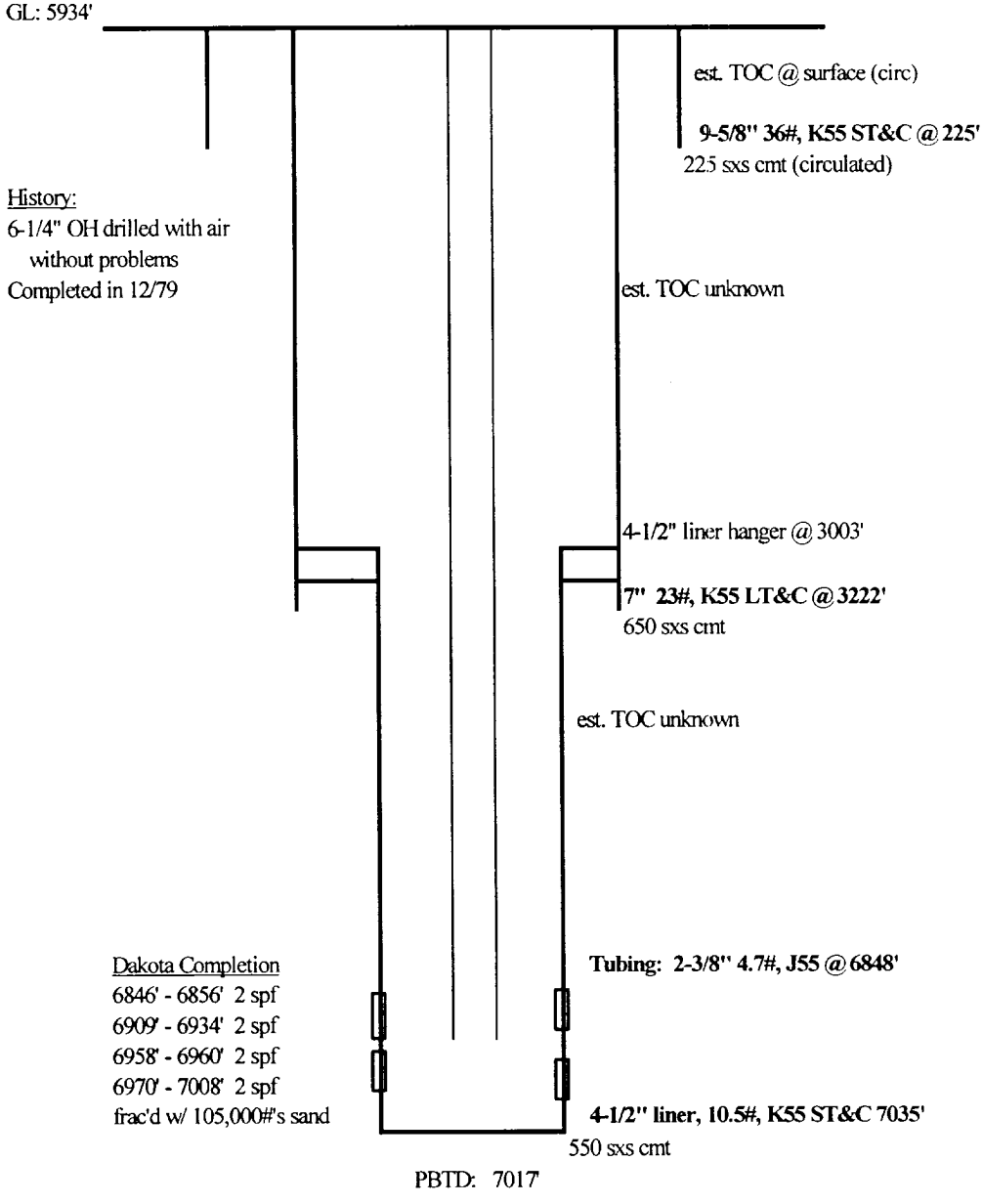
Heaton A #1 Recompletion Procedure

1. Check anchors. MIRU workover rig.
2. Check and record tubing, casing, and bradenhead pressures.
3. Blow down well. Kill with 2% KCL water ONLY if necessary.
4. Nipple down WH. NU BOPs.
5. Tag for fill and tally OH with 2-3/8" production tubing currently set at 6848'.
6. TIH with bit and scraper for 4-1/2" casing to 5150'.
7. TIH with tubing-set CIBP. Set CIBP at 5150'. Load hole with 2% KCL.
8. RU WL. Run CBL over MV interval (4000' - 5150') to ensure zonal isolation across the MV.
9. Pressure test casing to 2500 psi
10. RIH with 3-1/8" casing guns. Perforate Point Lookout formation.
    4626', 4644', 4650', 4662', 4690', 4696', 4710', 4716', 4720', 4730', 4736', 4742', 4748', 4758', 4766', 4772', 4776', 4792', 4796', 4810', 4826', 4834', 4877', 4891', 4924', 4940', 4947', 4970', 4995', 5005'
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 Point Lookout and Menefee at 4570'.
15. RIH with 3-1/8" casing guns. Perforate Menefee formation.
    4336', 4352', 4377', 4383', 4391', 4411', 4416', 4452', 4456', 4460', 4466'
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 4570' and 5150'. Cleanout fill to PBTD at 7017'. Blow well dry at PBTD.
20. RIH with 2-3/8" production tubing. Land 2-3/8" production tubing at 6850'.
21. ND BOP's. NU WH. Return well to production and downhole commingle MV and DK production.

Heaton A #1

Sec 30, T31N R11W

API: 30-045-23442



Notes:

1) 4-1/2" cmt job locked up 30 bbls short during the displacement
2) 10 bbls preflush (no cmt) was reversed off the 4-1/2" liner top

updated: 8/2/00 jad

Heaton A #1

Future Production Decline Estimate Dakota

(Monthly Factor .309%)

Month	Gas Volume
Jan-2000	**8**
Feb-2000	**25**
Mar-2000	**17**
Apr-2000	**17**
May-2000	**3**
Jun-2000	**20**
Jul-2000	**7**
Aug-2000	**0**
Sep-2000	**24**
Oct-2000	**8**
Nov-2000	**10**
Dec-2000	**13**
Jan-2001	**14**
Feb-2001	**12**
Mar-2001	**0**
Apr-2001	**5**
May-2001	**3**
Jun-2001	**6**
Jul-2001	**10**
Aug-2001	10
Sep-2001	10
Oct-2001	10
Nov-2001	10
Dec-2001	10
Jan-2002	10
Feb-2002	10
Mar-2002	10
Apr-2002	10
May-2002	10
Jun-2002	10
Jul-2002	10
Aug-2002	10
Sep-2002	10
Oct-2002	10
Nov-2002	10
Dec-2002	10

ln(Qf/Qi) = -dt
Qi = 12 MCFD (02/2001)
Qf = 10 MCFD (07/2001)
t = 5 months (.41666 yrs)
d = 0.32 annual decline
0.027 monthly decline (0.32/12)

Corrected Volumes
10/12 = 0.833333
.92 * .41666 = .37083
0.03090225

Month	Gas Volume
Jan-2003	10
Feb-2003	10
Mar-2003	9
Apr-2003	9
May-2003	9
Jun-2003	9
Jul-2003	9
Aug-2003	9
Sep-2003	9
Oct-2003	9
Nov-2003	9
Dec-2003	9
Jan-2004	9
Feb-2004	9
Mar-2004	9
Apr-2004	9
May-2004	9
Jun-2004	9
Jul-2004	9
Aug-2004	9
Sep-2004	9
Oct-2004	9
Nov-2004	9
Dec-2004	9
Jan-2005	9
Feb-2005	9
Mar-2005	9
Apr-2005	9
May-2005	9
Jun-2005	9
Jul-2005	9
Aug-2005	9
Sep-2005	9
Oct-2005	9
Nov-2005	9
Dec-2005	9

Month	Gas Volume
Jan-2006	9
Feb-2006	9
Mar-2006	9
Apr-2006	9
May-2006	9
Jun-2006	9
Jul-2006	8
Aug-2006	8
Sep-2006	8
Oct-2006	8
Nov-2006	8
Dec-2006	8
Jan-2007	8
Feb-2007	8
Mar-2007	8
Apr-2007	8
May-2007	8
Jun-2007	8
Jul-2007	8
Aug-2007	8
Sep-2007	8
Oct-2007	8
Nov-2007	8
Dec-2007	8
Jan-2008	8
Feb-2008	8
Mar-2008	8
Apr-2008	8
May-2008	8
Jun-2008	8
Jul-2008	8
Aug-2008	8
Sep-2008	8
Oct-2008	8
Nov-2008	8
Dec-2008	8

Heaton A #1

Future Production Decline Estimate Dakota

(Monthly Factor .309%)

Month	Gas Volume
Jan-2009	8
Feb-2009	8
Mar-2009	8
Apr-2009	8
May-2009	8
Jun-2009	8
Jul-2009	7
Aug-2009	7
Sep-2009	7
Oct-2009	7
Nov-2009	7
Dec-2009	7
Jan-2010	7
Feb-2010	7
Mar-2010	7
Apr-2010	7
May-2010	7
Jun-2010	7
Jul-2010	7
Aug-2010	7
Sep-2010	7
Oct-2010	7
Nov-2010	7
Dec-2010	7
Jan-2011	7
Feb-2011	7
Mar-2011	7
Apr-2011	7
May-2011	7
Jun-2011	7
Jul-2011	7
Aug-2011	7
Sep-2011	7
Oct-2011	7
Nov-2011	7
Dec-2011	7

Month	Gas Volume
Jan-2012	7
Feb-2012	7
Mar-2012	7
Apr-2012	7
May-2012	7
Jun-2012	7
Jul-2012	7
Aug-2012	7
Sep-2012	7
Oct-2012	7
Nov-2012	7
Dec-2012	7
Jan-2013	7
Feb-2013	6
Mar-2013	6
Apr-2013	6
May-2013	6
Jun-2013	6
Jul-2013	6
Aug-2013	6
Sep-2013	6
Oct-2013	6
Nov-2013	6
Dec-2013	6
Jan-2014	6
Feb-2014	6
Mar-2014	6
Apr-2014	6
May-2014	6
Jun-2014	6
Jul-2014	6
Aug-2014	6
Sep-2014	6
Oct-2014	6
Nov-2014	6
Dec-2014	6

Month	Gas Volume
Jan-2015	6
Feb-2015	6
Mar-2015	6
Apr-2015	6
May-2015	6
Jun-2015	6
Jul-2015	6
Aug-2015	6
Sep-2015	6
Oct-2015	6
Nov-2015	6
Dec-2015	6
Jan-2016	6
Feb-2016	6
Mar-2016	6
Apr-2016	6
May-2016	6
Jun-2016	6
Jul-2016	6
Aug-2016	6
Sep-2016	6
Oct-2016	6
Nov-2016	6
Dec-2016	6
Jan-2017	6
Feb-2017	6
Mar-2017	6
Apr-2017	6
May-2017	6
Jun-2017	6
Jul-2017	6
Aug-2017	6
Sep-2017	6
Oct-2017	5
Nov-2017	5
Dec-2017	5

Month	Gas Volume
Jan-2018	5
Feb-2018	5
Mar-2018	5
Apr-2018	5
May-2018	5
Jun-2018	5
Jul-2018	5
Aug-2018	5
Sep-2018	5
Oct-2018	5
Nov-2018	5
Dec-2018	5
Jan-2019	5
Feb-2019	5
Mar-2019	5
Apr-2019	5
May-2019	5
Jun-2019	5
Jul-2019	5
Aug-2019	5
Sep-2019	5
Oct-2019	5
Nov-2019	5
Dec-2019	5
Jan-2020	5
Feb-2020	5
Mar-2020	5
Apr-2020	5
May-2020	5
Jun-2020	5
Jul-2020	5
Aug-2020	5
Sep-2020	5
Oct-2020	5
Nov-2020	5
Dec-2020	5

Heaton A #1

Future Production Decline Estimate Dakota

(Monthly Factor .309%)

Month	Gas Volume
Jan-2021	5
Feb-2021	5
Mar-2021	4
Apr-2021	4
May-2021	4
Jun-2021	4
Jul-2021	4
Aug-2021	4
Sep-2021	4
Oct-2021	4
Nov-2021	4
Dec-2021	4
Jan-2022	4
Feb-2022	4
Mar-2022	4
Apr-2022	4
May-2022	4
Jun-2022	4
Jul-2022	4
Aug-2022	4
Sep-2022	4
Oct-2022	4
Nov-2022	4
Dec-2022	4
Jan-2023	4
Feb-2023	4
Mar-2023	4
Apr-2023	4
May-2023	4
Jun-2023	4
Jul-2023	4
Aug-2023	4
Sep-2023	4
Oct-2023	4
Nov-2023	4
Dec-2023	4

Month	Gas Volume
Jan-2024	4
Feb-2024	4
Mar-2024	4
Apr-2024	4
May-2024	4
Jun-2024	4
Jul-2024	4
Aug-2024	4
Sep-2024	4
Oct-2024	4
Nov-2024	4
Dec-2024	4
Jan-2025	4
Feb-2025	4
Mar-2025	4
Apr-2025	4
May-2025	3
Jun-2025	3
Jul-2025	3
Aug-2025	3
Sep-2025	3
Oct-2025	3
Nov-2025	3
Dec-2025	3
Jan-2026	3
Feb-2026	3
Mar-2026	3
Apr-2026	3
May-2026	3
Jun-2026	3
Jul-2026	3
Aug-2026	3
Sep-2026	3
Oct-2026	3
Nov-2026	3
Dec-2026	3

Month	Gas Volume
Jan-2027	3
Feb-2027	3
Mar-2027	3
Apr-2027	3
May-2027	3
Jun-2027	3
Jul-2027	3
Aug-2027	3
Sep-2027	3
Oct-2027	3
Nov-2027	3
Dec-2027	3
Jan-2028	3
Feb-2028	3
Mar-2028	3
Apr-2028	3
May-2028	3
Jun-2028	3
Jul-2028	3
Aug-2028	3
Sep-2028	3
Oct-2028	3
Nov-2028	3
Dec-2028	3
Jan-2029	3
Feb-2029	3
Mar-2029	3
Apr-2029	3
May-2029	3
Jun-2029	3
Jul-2029	3
Aug-2029	3
Sep-2029	3
Oct-2029	3
Nov-2029	3
Dec-2029	3

Month	Gas Volume
Jan-2030	3
Feb-2030	3
Mar-2030	3
Apr-2030	3
May-2030	3
Jun-2030	3
Jul-2030	3
Aug-2030	3
Sep-2030	3
Oct-2030	3
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	2
Sep-2031	2
Oct-2031	2
Nov-2031	2
Dec-2031	2
Jan-2032	2
Feb-2032	2
Mar-2032	2
Apr-2032	2
May-2032	2
Jun-2032	2
Jul-2032	2
Aug-2032	2
Sep-2032	2
Oct-2032	2
Nov-2032	2
Dec-2032	2