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.
30-045-23458

5. Indicate Type of Lease
STATE FEE

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:
Case A
(Federal # USA-SF-078095 also submitted on BLM Form 3160-3)

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

OCT 2001
RECEIVED
OIL CON. DIV
DIST. 3

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 D 950 feet from the North line and 1070 feet from the West line

Section 19 Township 31N Range 11W NMPM San Juan County

10. Elevation *(Show whether DR, RKB, RT, GR, etc.)*
6056'

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 ☒		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 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. DHC557AZ

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 10/17/2001

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

(This space for State use)

APPPROVED BY Original Signed by STEVEN N. HAYDEN DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE OCT 22 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
30-045-23458	72319	Blanco Mesaverde

[4] Property Code	[5] Property Name	[6] Well Number
000361	Case A	1

[7] OGRID No.	[8] Operator Name	[9] Elevation
000778	Amoco Production Company	6056'

[10] Surface Location

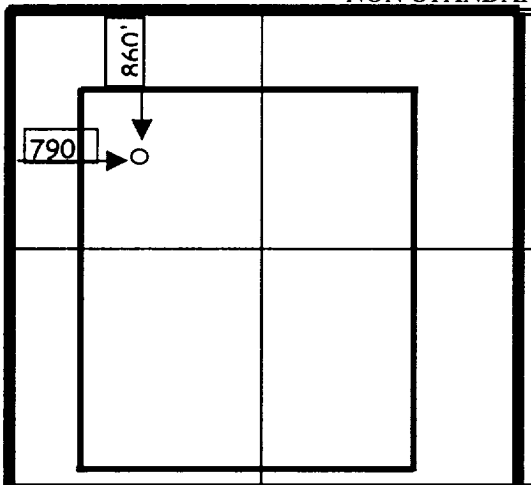
UL or lot no.	Section	Township	Range	Lot Idn	Feet from	North/South	Feet from	East/West	County
Unit D	19	31N	11W		860'	North	790'	West	San Juan

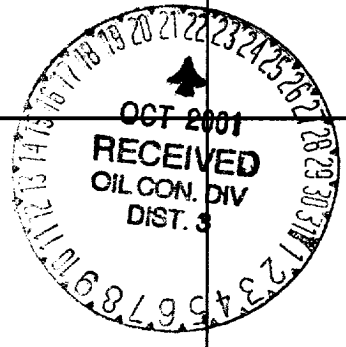
[11] Bottom Hole Location If Different From Surface

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.
321.4			

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

10/17/2001

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.

10/7/1978

Date of Survey

Signature and Seal of Professional Surveyor:

Fred B Kerr, Jr. 3950

Certificate Number

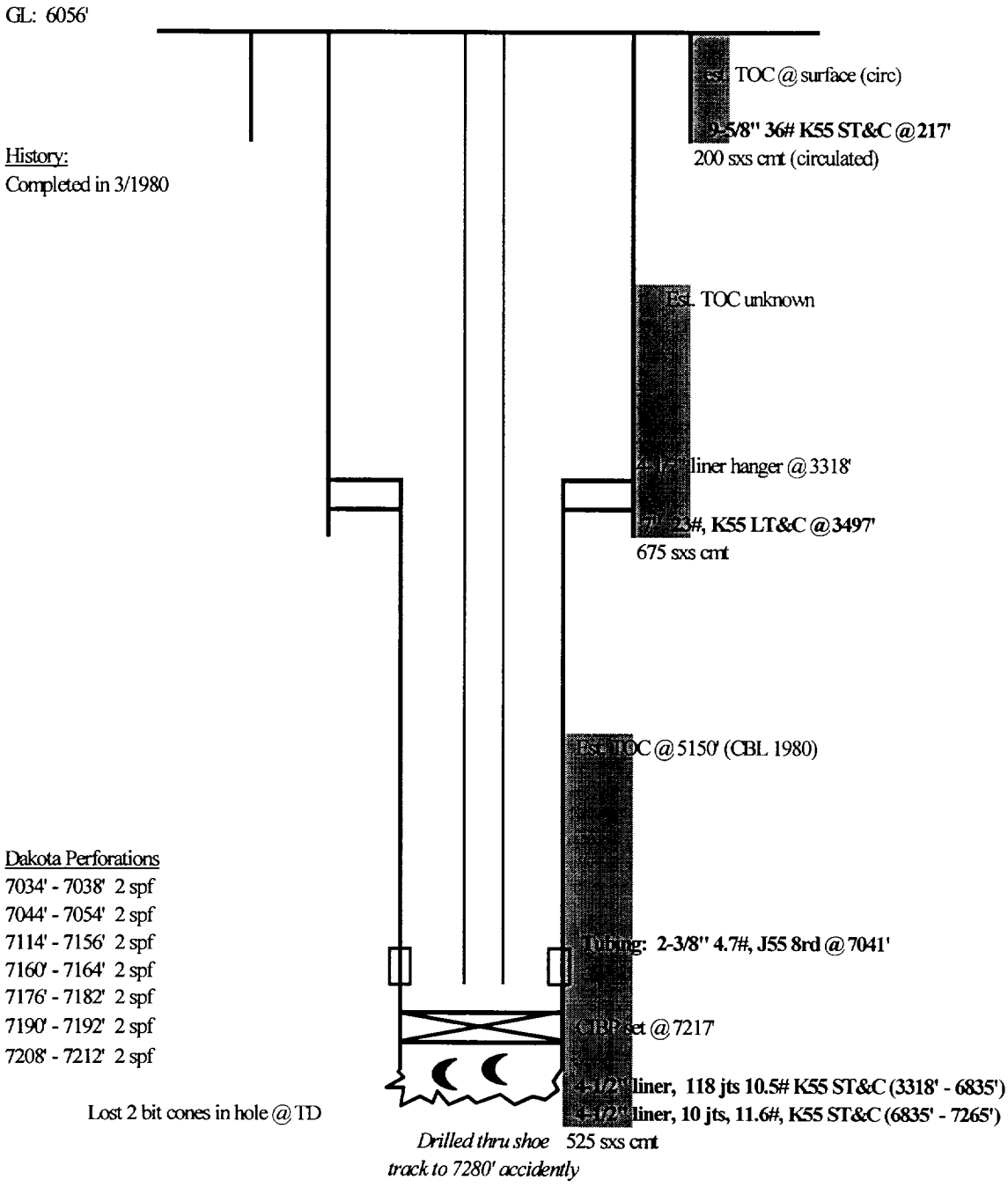
Case A #1 Recompletion Procedure

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 7041'.
6. TIH with bit and scraper for 4-1/2" casing to 5250'.
7. RU WL unit. RIH with 4-1/2" wireline-set CIBP. Set CIBP @ 5250'. Load hole with 2% KCL.
8. Run CBL over MV interval (4300' - 5250') to ensure zonal isolation across the MV.
9. Pressure test casing to 1500 psi
10. RIH with 3-1/8" casing guns. Perforate Point Lookout formation.
    4720', 4730', 4736', 4750', 4787', 4794', 4800', 4842', 4854', 4894', 4900', 4906', 4918', 4936', 4942', 4946', 4952', 4964', 4968', 4974', 4992', 5005', 5022', 5088', 5110', 5124', 5133', 5138'
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 Menefee stages at 4650'.
15. RIH with 3-1/8" casing guns. Perforate Menefee formation.
    4430', 4446', 4450', 4500', 4509', 4555', 4597', 4604', 4614', 4632'
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 4650' and 5250'. Cleanout fill to PBTD at 7217'. Blow well dry at PBTD.
20. Rabbit tubing and RIH with 2-3/8" production tubing. Land production tubing at 7030'.
21. ND BOP's. NU WH. Test well for air. Return well to production and downhole commingle MV and DK production.

Case A #1

Sec 19, T31N, R11W

API # 30-045-23458



NOTES:

1) 4-1/2" primary cement job had poor circulation and no cmt was reversed off liner top.

updated: 9/25/01 jad

Case A #1

Future Production Decline Estimate Dakota

(Monthly Factor .296%)

Month	Gas Volume
Jan-2001	**61**
Feb-2001	**64**
Mar-2001	**50**
Apr-2001	**59**
May-2001	**52**
Jun-2001	**34**
Jul-2001	**55**
Aug-2001	**54**
Sep-2001	**46**
Oct-2001	46
Nov-2001	46
Dec-2001	46
Jan-2002	46
Feb-2002	46
Mar-2002	46
Apr-2002	46
May-2002	46
Jun-2002	46
Jul-2002	46
Aug-2002	46
Sep-2002	46
Oct-2002	46
Nov-2002	45
Dec-2002	45
Jan-2003	45
Feb-2003	45
Mar-2003	45
Apr-2003	45
May-2003	45
Jun-2003	45
Jul-2003	45
Aug-2003	44
Sep-2003	44
Oct-2003	44
Nov-2003	44
Dec-2003	44

ln(Qf/Qi) = -dt
Qi = 59 MCFD (04/2001)
Qf = 46 MCFD (09/2001)
t = 5 months (.41666 yrs)
d = 0.32 annual decline
0.027 monthly decline (0.32/12)

Corrected Volumes
46/54 = 0.85185
.85 * .41666 = .35493
0.0295775

Month	Gas Volume
Jan-2004	44
Feb-2004	44
Mar-2004	44
Apr-2004	43
May-2004	43
Jun-2004	43
Jul-2004	43
Aug-2004	43
Sep-2004	43
Oct-2004	43
Nov-2004	43
Dec-2004	43
Jan-2005	42
Feb-2005	42
Mar-2005	42
Apr-2005	42
May-2005	42
Jun-2005	42
Jul-2005	42
Aug-2005	42
Sep-2005	42
Oct-2005	41
Nov-2005	41
Dec-2005	41
Jan-2006	41
Feb-2006	41
Mar-2006	41
Apr-2006	41
May-2006	41
Jun-2006	41
Jul-2006	41
Aug-2006	40
Sep-2006	40
Oct-2006	40
Nov-2006	40
Dec-2006	40

Month	Gas Volume
Jan-2007	40
Feb-2007	40
Mar-2007	40
Apr-2007	39
May-2007	39
Jun-2007	39
Jul-2007	39
Aug-2007	39
Sep-2007	39
Oct-2007	39
Nov-2007	38
Dec-2007	38
Jan-2008	38
Feb-2008	38
Mar-2008	38
Apr-2008	38
May-2008	38
Jun-2008	38
Jul-2008	37
Aug-2008	37
Sep-2008	37
Oct-2008	37
Nov-2008	37
Dec-2008	37
Jan-2009	37
Feb-2009	37
Mar-2009	36
Apr-2009	36
May-2009	36
Jun-2009	36
Jul-2009	36
Aug-2009	36
Sep-2009	36
Oct-2009	36
Nov-2009	35
Dec-2009	35

Case A #1

Future Production Decline Estimate Dakota

(Monthly Factor .296%)

Month	Gas Volume
Jan-2010	35
Feb-2010	35
Mar-2010	35
Apr-2010	35
May-2010	35
Jun-2010	35
Jul-2010	34
Aug-2010	34
Sep-2010	34
Oct-2010	34
Nov-2010	34
Dec-2010	34
Jan-2011	34
Feb-2011	34
Mar-2011	34
Apr-2011	33
May-2011	33
Jun-2011	33
Jul-2011	33
Aug-2011	33
Sep-2011	33
Oct-2011	33
Nov-2011	33
Dec-2011	32
Jan-2012	32
Feb-2012	32
Mar-2012	32
Apr-2012	32
May-2012	32
Jun-2012	32
Jul-2012	32
Aug-2012	32
Sep-2012	31
Oct-2012	31
Nov-2012	31
Dec-2012	31

Month	Gas Volume
Jan-2013	31
Feb-2013	31
Mar-2013	31
Apr-2013	31
May-2013	31
Jun-2013	31
Jul-2013	31
Aug-2013	30
Sep-2013	30
Oct-2013	30
Nov-2013	30
Dec-2013	30
Jan-2014	30
Feb-2014	30
Mar-2014	30
Apr-2014	30
May-2014	30
Jun-2014	30
Jul-2014	29
Aug-2014	29
Sep-2014	29
Oct-2014	29
Nov-2014	29
Dec-2014	29
Jan-2015	29
Feb-2015	29
Mar-2015	29
Apr-2015	29
May-2015	29
Jun-2015	28
Jul-2015	28
Aug-2015	28
Sep-2015	28
Oct-2015	28
Nov-2015	28
Dec-2015	28

Month	Gas Volume
Jan-2016	28
Feb-2016	28
Mar-2016	28
Apr-2016	28
May-2016	28
Jun-2016	27
Jul-2016	27
Aug-2016	27
Sep-2016	27
Oct-2016	27
Nov-2016	27
Dec-2016	27
Jan-2017	27
Feb-2017	27
Mar-2017	27
Apr-2017	27
May-2017	27
Jun-2017	26
Jul-2017	26
Aug-2017	26
Sep-2017	26
Oct-2017	26
Nov-2017	26
Dec-2017	26
Jan-2018	26
Feb-2018	26
Mar-2018	26
Apr-2018	26
May-2018	26
Jun-2018	26
Jul-2018	25
Aug-2018	25
Sep-2018	25
Oct-2018	25
Nov-2018	25
Dec-2018	25

Month	Gas Volume
Jan-2019	25
Feb-2019	25
Mar-2019	25
Apr-2019	25
May-2019	24
Jun-2019	24
Jul-2019	24
Aug-2019	24
Sep-2019	24
Oct-2019	24
Nov-2019	24
Dec-2019	24
Jan-2020	24
Feb-2020	23
Mar-2020	23
Apr-2020	23
May-2020	23
Jun-2020	23
Jul-2020	23
Aug-2020	23
Sep-2020	23
Oct-2020	22
Nov-2020	22
Dec-2020	22
Jan-2021	22
Feb-2021	22
Mar-2021	22
Apr-2021	22
May-2021	22
Jun-2021	22
Jul-2021	21
Aug-2021	21
Sep-2021	21
Oct-2021	21
Nov-2021	21
Dec-2021	21

Case A #1

Future Production Decline Estimate Dakota

(Monthly Factor .296%)

Month	Gas Volume
Jan-2022	21
Feb-2022	21
Mar-2022	21
Apr-2022	21
May-2022	20
Jun-2022	20
Jul-2022	20
Aug-2022	20
Sep-2022	20
Oct-2022	20
Nov-2022	20
Dec-2022	20
Jan-2023	20
Feb-2023	20
Mar-2023	19
Apr-2023	19
May-2023	19
Jun-2023	19
Jul-2023	19
Aug-2023	19
Sep-2023	19
Oct-2023	19
Nov-2023	19
Dec-2023	19
Jan-2024	18
Feb-2024	18
Mar-2024	18
Apr-2024	18
May-2024	18
Jun-2024	18
Jul-2024	18
Aug-2024	18
Sep-2024	18
Oct-2024	18
Nov-2024	18
Dec-2024	17

Month	Gas Volume
Jan-2025	17
Feb-2025	17
Mar-2025	17
Apr-2025	17
May-2025	17
Jun-2025	17
Jul-2025	17
Aug-2025	17
Sep-2025	17
Oct-2025	17
Nov-2025	17
Dec-2025	16
Jan-2026	16
Feb-2026	16
Mar-2026	16
Apr-2026	16
May-2026	16
Jun-2026	16
Jul-2026	16
Aug-2026	16
Sep-2026	16
Oct-2026	16
Nov-2026	16
Dec-2026	16
Jan-2027	15
Feb-2027	15
Mar-2027	15
Apr-2027	15
May-2027	15
Jun-2027	15
Jul-2027	15
Aug-2027	15
Sep-2027	15
Oct-2027	15
Nov-2027	15
Dec-2027	15

Month	Gas Volume
Jan-2028	15
Feb-2028	14
Mar-2028	14
Apr-2028	14
May-2028	14
Jun-2028	14
Jul-2028	14
Aug-2028	14
Sep-2028	14
Oct-2028	14
Nov-2028	14
Dec-2028	14
Jan-2029	14
Feb-2029	14
Mar-2029	14
Apr-2029	13
May-2029	13
Jun-2029	13
Jul-2029	13
Aug-2029	13
Sep-2029	13
Oct-2029	13
Nov-2029	13
Dec-2029	13
Jan-2030	13
Feb-2030	13
Mar-2030	13
Apr-2030	13
May-2030	13
Jun-2030	13
Jul-2030	13
Aug-2030	12
Sep-2030	12
Oct-2030	12
Nov-2030	12
Dec-2030	12

Month	Gas Volume
Jan-2031	12
Feb-2031	12
Mar-2031	12
Apr-2031	12
May-2031	12
Jun-2031	12
Jul-2031	12
Aug-2031	12
Sep-2031	12
Oct-2031	12
Nov-2031	11
Dec-2031	11
Jan-2032	11
Feb-2032	11
Mar-2032	11
Apr-2032	11
May-2032	11
Jun-2032	11
Jul-2032	11
Aug-2032	11
Sep-2032	11
Oct-2032	11
Nov-2032	11
Dec-2032	11
Jan-2033	11
Feb-2033	11
Mar-2033	11
Apr-2033	11
May-2033	11
Jun-2033	10
Jul-2033	10
Aug-2033	10
Sep-2033	10
Oct-2033	10
Nov-2033	10
Dec-2033	10