

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

Form C-103
Revised March 25, 1999

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

WELL API NO. 30-045-26399
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 INTO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

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

2. Name of Operator
Amoco Production Company

Attn: Mary Corley

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

4. Well Location

Unit Letter **F** **1810** feet from the **North** line and **1625** feet from the **West** line

Section **14** Township **29N** Range **09W** NMPM **San Juan** County

10. Elevation (Show whether DR, RKB, RT, GR, etc.)
6445'

7. Lease Name or Unit Agreement Name:

A L Elliott Gas Com F

(Also filed on BLM Form 3160-5 Federal Lease NM - 080099 & NM - 73151)

8. Well No.

1

9. Pool name or Wildcat

Basin Dakota & Blanco Mesaverde

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 ☐ MULTIPLE COMPLETION ☐

OTHER: **Complete Mesaverde & Downhole Commingle** ☒

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 work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

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, overriding, and royalty interest owners in the proposed commingled pools are identical, therefore, no notification of this application need be submitted 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.

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 **07/03/2001**

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

(This space for State use)

Original Signed by **STEVEN N. HAYDEN**

DEPUTY OIL & GAS INSPECTOR, DIST. #3
TITLE

APPROVED BY
Conditions of approval, if any:

DATE **JUL - 9 2001**

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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

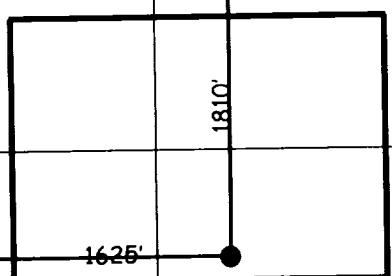
WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-26399	² Pool Code 72319	³ Pool Name Blanco Mesaverde
⁴ Property Code 000464	⁵ Property Name A L Elliott Gas Com F	⁶ Well Number 1
⁷ OGRID No. 000778	⁸ Operator Name Amoco Production Company	⁹ Elevation 6445'

¹⁰ Surface Location									
UL or lot no. Unit F	Section 14	Township 29N	Range 09W	Lot Idn	Feet from the 1810'	North/South line North	Feet from the 1625'	East/West line West	County San Juan

¹¹ 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
¹² Dedicated Acres 320		¹³ Joint or Infill		¹⁴ Consolidation Code		¹⁵ 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

¹⁶ 	¹⁷ OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i> Mary Corley Signature Mary Corley Printed Name Sr. Regulatory Analyst Title 06/14/2001 Date
	¹⁸ SURVEYOR 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 belief.</i> 1985 Date of Survey Signature and Seal of Professional Surveyor: Fred B Kerr Jr 3950 Certificate Number

A.L. Elliott GC F #1 Recompletion Procedure

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 7675'.
6. TIH with bit and scraper for 4-1/2" casing to 5850'.
7. TIH with tubing-set CIBP. Set CIBP at 5850'. Load hole with 2% KCL.
8. RU WL. Run CBL over MV interval (4400' - 5850') 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/Menefee formation.
5273', 5278', 5292', 5299', 5304', 5310', 5317', 5321', 5328', 5338', 5348', 5356',
5362', 5375', 5380', 5394', 5428', 5440', 5448', 5490', 5500', 5508', 5549', 5576',
5600', 5619', 5635', 5656', 5680'
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 5210'.
15. RIH with 3-1/8" casing guns. Perforate Menefee formation.
4898', 4922', 4952', 4978', 5038', 5046', 5054', 5067', 5084', 5088', 5116', 5131',
5192', 5198'
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. Immediately after frac job, RU WL unit and lubricator.
19. RIH and set CIBP between Point Lookout and Menefee at 4815'.
20. RIH with 3-1/8" casing guns. Perforate Cliffhouse/Lower Lewis formation.
4565', 4580', 4600', 4611', 4643', 4659', 4678', 4685', 4698', 4702', 4711', 4722',
4733', 4745', 4748', 4762', 4766', 4774', 4778', 4787', 4792'
21. RU frac equipment and install wellhead isolation tool. Use 2% KCL/N2 foam in fracture stimulation.
22. Spearhead 500 gal 15% HCL, establish injection rate, and proceed with fracture stimulation according to Schlumberger schedule.
23. Flowback frac immediately.
24. TIH with tubing and bit. Cleanout fill and drill bridge plugs set at 4815', 5210', and 5850'. Cleanout fill to PBTD at 7710'. Blow well dry at PBTD.
25. Land 2-3/8" production tubing at 7350'.
26. ND BOP's. NU WH. Test well for air. Return well to production and downhole commingle MV and DK production.

A. L. Elliott GC F #1

Sec 14, T29N, R9W

GL: 6445'

History:

Completed in 8/85

- lost 400 bbls mud
- (10% LCM) in 6-1/4" OH

Fill and scale CO in 8/96

Sqz hole @ 4509' due to failed DV tool
- Sqz'd csg w/ 118 cu ft cmt

Original Dakota Perforations

- 7390' - 7406' 4 spf
- 7476 - 7492' 4 spf
- 7548 - 7558' 2 spf
- 7576 - 7590' 2 spf
- 7600 - 7620' 2 spf
- 7636 - 7642' 2 spf
- 7660 - 7682' 2 spf

Sqz hole @ 7684'
-Sqz'd w/ 254 cu ft cmt

PBTD: 7710'

est. TOC @ surf (circ)

13-3/8" 48# H40 @ 247'
531 cf cmt

est. TOC @ surf (circ)

1-1/2" parasite string @ 2500' cmt'd in

7" 20# J55 @ 3000'
1676 cf cmt

est. TOC @ surf (circ)

failed DV tool at 4505', drilled out

Tubing: 2-3/8" 4.7# J55 @ 7675'

4-1/2", 11.6#, K55 @ 7728'
- csg stuck @ TD, sqz hoel shot for cmt job

4-1/2" Cement Job Notes:

- no cementing details in well files

Notes:

- 1) Possible plunger fish @ 7670'. Tbg stop apparently set on top of old plunger

updated: 8/20/99 jad

A L Elliott Gas Com F 1
Future Production Decline Estimate Dakota
(Monthly Factor .485%)

Month	Gas Volume
Jan-2000	0
Feb-2000	0
Mar-2000	96
Apr-2000	35
May-2000	18
Jun-2000	66
Jul-2000	26
Aug-2000	14
Sep-2000	7
Oct-2000	6
Nov-2000	6
Dec-2000	6
Jan-2001	0
Feb-2001	13
Mar-2001	318
Apr-2001	218
May-2001	215
Jun-2001	209
Jul-2001	204
Aug-2001	198
Sep-2001	193
Oct-2001	188
Nov-2001	183
Dec-2001	178
Jan-2002	173
Feb-2002	168
Mar-2002	164
Apr-2002	160
May-2002	155
Jun-2002	151
Jul-2002	147
Aug-2002	143
Sep-2002	139
Oct-2002	136
Nov-2002	132
Dec-2002	128

$\ln(Q_f/Q_i) = -dt$
 $Q_i = 218 \text{ MCFD (04/2001)}$
 $Q_f = 215 \text{ MCFD (05/2001)}$
 $t = 1 \text{ months (.08333 yrs)}$
 $d = 0.32 \text{ annual decline}$
 $0.027 \text{ monthly decline (0.32/12)}$

Corrected Volumes

$215/2185 = 0.98624$
 $.98 * .08333 = .186664$
 0.485367

Month	Gas Volume
Jan-2003	125
Feb-2003	122
Mar-2003	118
Apr-2003	115
May-2003	112
Jun-2003	109
Jul-2003	106
Aug-2003	103
Sep-2003	101
Oct-2003	98
Nov-2003	95
Dec-2003	93
Jan-2004	90
Feb-2004	88
Mar-2004	86
Apr-2004	83
May-2004	81
Jun-2004	79
Jul-2004	77
Aug-2004	75
Sep-2004	73
Oct-2004	71
Nov-2004	69
Dec-2004	67
Jan-2005	65
Feb-2005	63
Mar-2005	62
Apr-2005	60
May-2005	59
Jun-2005	57
Jul-2005	55
Aug-2005	54
Sep-2005	52
Oct-2005	51
Nov-2005	50
Dec-2005	48

Month	Gas Volume
Jan-2006	48
Feb-2006	48
Mar-2006	48
Apr-2006	48
May-2006	48
Jun-2006	47
Jul-2006	47
Aug-2006	47
Sep-2006	47
Oct-2006	47
Nov-2006	47
Dec-2006	46
Jan-2007	46
Feb-2007	46
Mar-2007	46
Apr-2007	46
May-2007	46
Jun-2007	45
Jul-2007	45
Aug-2007	45
Sep-2007	45
Oct-2007	45
Nov-2007	45
Dec-2007	45
Jan-2008	44
Feb-2008	44
Mar-2008	44
Apr-2008	44
May-2008	44
Jun-2008	44
Jul-2008	43
Aug-2008	43
Sep-2008	43
Oct-2008	43
Nov-2008	43
Dec-2008	43

A L Elliott Gas Com F 1
Future Production Decline Estimate Dakota
(Monthly Factor .485%)

Month	Gas Volume
Jan-2009	43
Feb-2009	42
Mar-2009	42
Apr-2009	42
May-2009	42
Jun-2009	42
Jul-2009	42
Aug-2009	42
Sep-2009	41
Oct-2009	41
Nov-2009	41
Dec-2009	41
Jan-2010	41
Feb-2010	41
Mar-2010	41
Apr-2010	40
May-2010	40
Jun-2010	40
Jul-2010	40
Aug-2010	40
Sep-2010	40
Oct-2010	40
Nov-2010	39
Dec-2010	39
Jan-2011	39
Feb-2011	39
Mar-2011	39
Apr-2011	39
May-2011	39
Jun-2011	39
Jul-2011	38
Aug-2011	38
Sep-2011	38
Oct-2011	38
Nov-2011	38
Dec-2011	38

Month	Gas Volume
Jan-2012	38
Feb-2012	38
Mar-2012	37
Apr-2012	37
May-2012	37
Jun-2012	37
Jul-2012	37
Aug-2012	37
Sep-2012	37
Oct-2012	37
Nov-2012	36
Dec-2012	36
Jan-2013	36
Feb-2013	36
Mar-2013	36
Apr-2013	36
May-2013	36
Jun-2013	36
Jul-2013	36
Aug-2013	36
Sep-2013	35
Oct-2013	35
Nov-2013	35
Dec-2013	35
Jan-2014	35
Feb-2014	35
Mar-2014	35
Apr-2014	35
May-2014	35
Jun-2014	34
Jul-2014	34
Aug-2014	34
Sep-2014	34
Oct-2014	34
Nov-2014	34
Dec-2014	34

Month	Gas Volume
Jan-2015	34
Feb-2015	34
Mar-2015	34
Apr-2015	33
May-2015	33
Jun-2015	33
Jul-2015	33
Aug-2015	33
Sep-2015	33
Oct-2015	33
Nov-2015	33
Dec-2015	33
Jan-2016	33
Feb-2016	32
Mar-2016	32
Apr-2016	32
May-2016	32
Jun-2016	32
Jul-2016	32
Aug-2016	32
Sep-2016	32
Oct-2016	32
Nov-2016	32
Dec-2016	32
Jan-2017	31
Feb-2017	31
Mar-2017	31
Apr-2017	31
May-2017	31
Jun-2017	31
Jul-2017	31
Aug-2017	31
Sep-2017	31
Oct-2017	31
Nov-2017	30
Dec-2017	30

Month	Gas Volume
Jan-2018	30
Feb-2018	30
Mar-2018	30
Apr-2018	30
May-2018	30
Jun-2018	29
Jul-2018	29
Aug-2018	29
Sep-2018	29
Oct-2018	29
Nov-2018	29
Dec-2018	29
Jan-2019	28
Feb-2019	28
Mar-2019	28
Apr-2019	28
May-2019	28
Jun-2019	28
Jul-2019	28
Aug-2019	27
Sep-2019	27
Oct-2019	27
Nov-2019	27
Dec-2019	27
Jan-2020	27
Feb-2020	27
Mar-2020	27
Apr-2020	26
May-2020	26
Jun-2020	26
Jul-2020	26
Aug-2020	26
Sep-2020	26
Oct-2020	26
Nov-2020	25
Dec-2020	25

A L Elliott Gas Com F 1
Future Production Decline Estimate Dakota
(Monthly Factor .485%)

Month	Gas Volume
Jan-2021	25
Feb-2021	25
Mar-2021	25
Apr-2021	25
May-2021	25
Jun-2021	25
Jul-2021	24
Aug-2021	24
Sep-2021	24
Oct-2021	24
Nov-2021	24
Dec-2021	24
Jan-2022	24
Feb-2022	24
Mar-2022	24
Apr-2022	23
May-2022	23
Jun-2022	23
Jul-2022	23
Aug-2022	23
Sep-2022	23
Oct-2022	23
Nov-2022	23
Dec-2022	22
Jan-2023	22
Feb-2023	22
Mar-2023	22
Apr-2023	22
May-2023	22
Jun-2023	22
Jul-2023	22
Aug-2023	22
Sep-2023	22
Oct-2023	21
Nov-2023	21
Dec-2023	21

Month	Gas Volume
Jan-2024	21
Feb-2024	21
Mar-2024	21
Apr-2024	21
May-2024	21
Jun-2024	21
Jul-2024	20
Aug-2024	20
Sep-2024	20
Oct-2024	20
Nov-2024	20
Dec-2024	20
Jan-2025	20
Feb-2025	20
Mar-2025	20
Apr-2025	20
May-2025	19
Jun-2025	19
Jul-2025	19
Aug-2025	19
Sep-2025	19
Oct-2025	19
Nov-2025	19
Dec-2025	19
Jan-2026	19
Feb-2026	19
Mar-2026	19
Apr-2026	18
May-2026	18
Jun-2026	18
Jul-2026	18
Aug-2026	18
Sep-2026	18
Oct-2026	18
Nov-2026	18
Dec-2026	18

Month	Gas Volume
Jan-2027	18
Feb-2027	18
Mar-2027	17
Apr-2027	17
May-2027	17
Jun-2027	17
Jul-2027	17
Aug-2027	17
Sep-2027	17
Oct-2027	17
Nov-2027	17
Dec-2027	17
Jan-2028	17
Feb-2028	16
Mar-2028	16
Apr-2028	16
May-2028	16
Jun-2028	16
Jul-2028	16
Aug-2028	16
Sep-2028	16
Oct-2028	16
Nov-2028	16
Dec-2028	16
Jan-2029	16
Feb-2029	16
Mar-2029	15
Apr-2029	15
May-2029	15
Jun-2029	15
Jul-2029	15
Aug-2029	15
Sep-2029	15
Oct-2029	15
Nov-2029	15
Dec-2029	15

Month	Gas Volume
Jan-2030	15
Feb-2030	15
Mar-2030	14
Apr-2030	14
May-2030	14
Jun-2030	14
Jul-2030	14
Aug-2030	14
Sep-2030	14
Oct-2030	14
Nov-2030	14
Dec-2030	14
Jan-2031	14
Feb-2031	14
Mar-2031	14
Apr-2031	14
May-2031	14
Jun-2031	13
Jul-2031	13
Aug-2031	13
Sep-2031	13
Oct-2031	13
Nov-2031	13
Dec-2031	13
Jan-2032	13
Feb-2032	13
Mar-2032	13
Apr-2032	13
May-2032	13
Jun-2032	13
Jul-2032	13
Aug-2032	13
Sep-2032	12
Oct-2032	12
Nov-2032	12
Dec-2032	12