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.
30-045-23435

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:
Hubbard A

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

RECEIVED
JUL 2001
OIL CON. DIV.
DIST. 3

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

8. Well No.
1E

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 H 1450 feet from the North line and 1190 feet from the East line

Section 30 Township 32N Range 11W NMPM San Juan County

10. Elevation *(Show whether DR, RKB, RT, GR, etc.)*
6538'

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 working, overriding, and royalty interest owners in the proposed commingled pools are not identical, and are, therefore being notified 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 466AZ

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

SIGNATURE _____ TITLE Sr. Regulatory Analyst DATE 06/28/2001

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 JUL 17 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
30-045-23435	72319	Blanco Mesaverde

[4] Property Code	[5] Property Name	[6] Well Number
000691	Hubbard A	1E

[7] OGRID No.	[8] Operator Name	[9] Elevation
000778	Amoco Production Company	6538'

[10] 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	30	32N	11W		1450'	North	1190'	East	San Juan

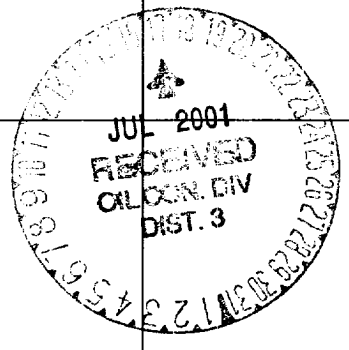
[11] Bottom Hole Location If Different From Surface

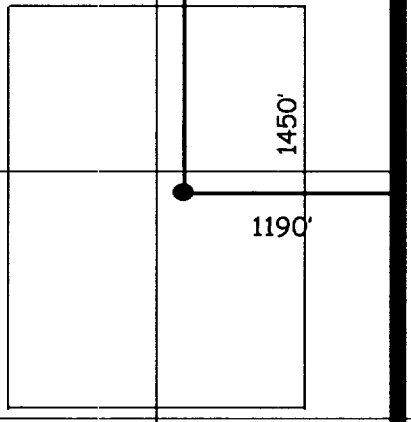
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
320			

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

Signature

Mary Corley
Printed Name

Sr. Regulatory Analyst
Title

06/28/2001
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.

On File
Date of Survey

Signature and Seal of Professional Surveyor:

Fred B Kerr Jr 3950
Certificate Number

Hubbard A #1E Recompletion Procedure

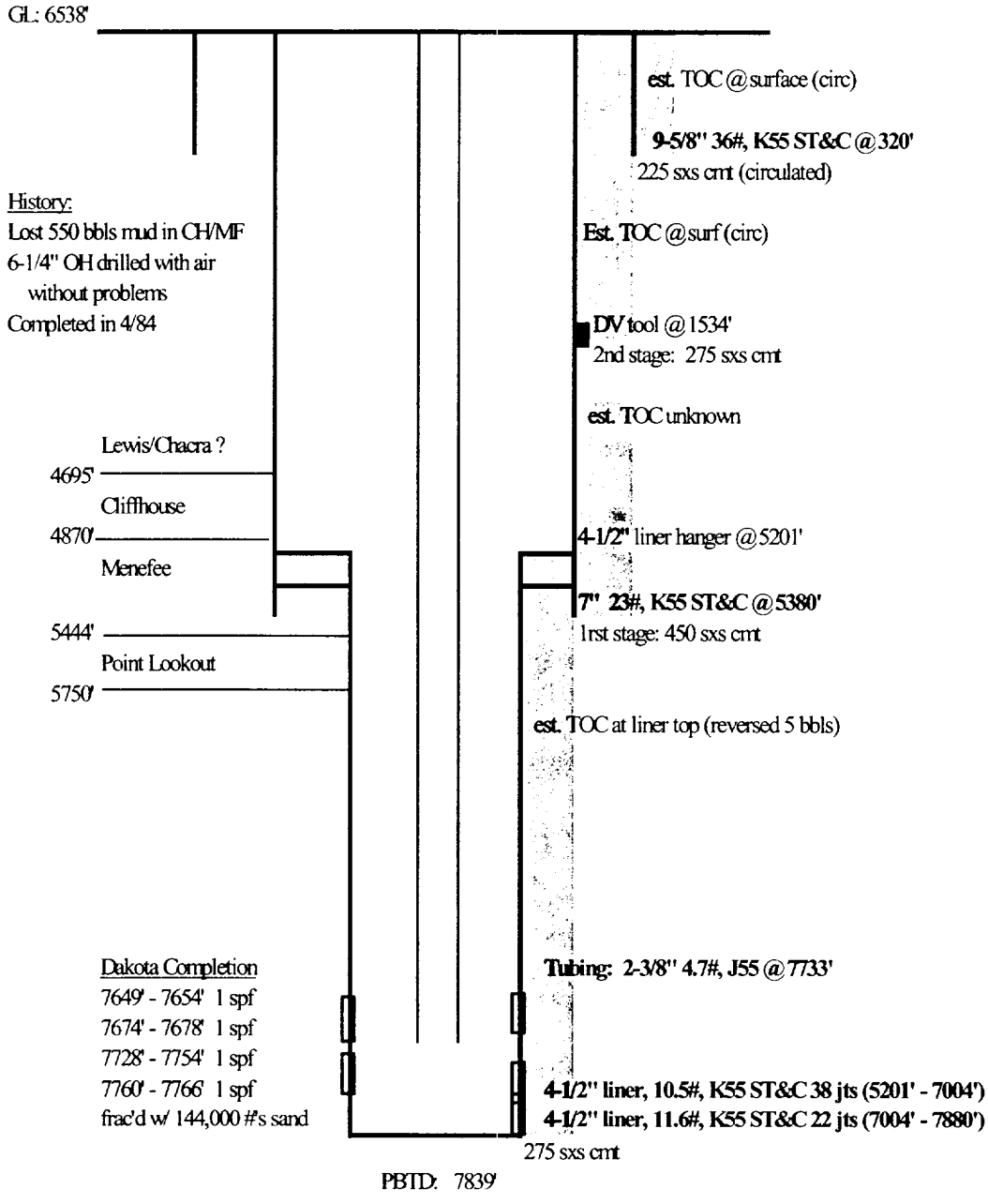
Procedure:

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. Tally OH with 2-3/8" production tubing set at 7733'.
6. TIH with bit and scraper for 7" casing to 5200' and a 4-1/2" casing scraper to 5850'.
7. TIH with tubing-set CIBP. Set CIBP at 5850'. Load hole with 2% KCL water.
8. Pressure test casing to 1500 PSI.
9. RU WL. Run CBL over MV interval (4000' - 5850') to ensure zonal isolation across the MV.
10. Run GR/TDT log over MV interval (4000' - 5850').
    Note:Perforations and number of frac stages will be determined after logging results are obtained.
11. RIH with 3-1/8" casing guns with Schlumberger's Prospector, select-fire charge. Perforate Menefee/Point Lookout formations.
12. RU frac equipment and install wellhead isolation tool. Use 2% KCL/N2 foam in fracture stimulation.
13. Spearhead 500 gal 15% HCL, establish injection rate, and proceed with fracture stimulation according to Schlumberger schedule.
14. Immediately after frac job, RU WL unit and lubricator. RIH and set CIBP between Point Lookout and Menefee at a depth to be determined after logging.
15. RIH with perforating guns and perforate Menefee formation.
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. RIH and set CIBP between Menefee and Cliffhouse at a depth to be determined after logging.
19. RIH with perforating guns and perforate Cliffhouse/Menefee formation.
20. RU frac equipment and install wellhead isolation tool. Use 2% KCL/N2 foam in fracture stimulation.
21. Spearhead 500 gal 15% HCL, establish injection rate, and proceed with fracture stimulation according to Schlumberger schedule.
22. Flowback frac immediately.
23. TIH with tubing and bit. Cleanout fill and drill bridge plugs. Cleanout fill to PBTD at 7839'. Blow well dry at PBTD.
24. Land 2-3/8" production tubing at 7650'.
25. ND BOP's. NU WH. Return well to production and downhole commingle MV and DK production.

Hubbard A #1E

Sec 30, T32N R11W

API: 30-045-25803



Notes:

1) Good circulation on 4-1/2" cmt job
2) Lost returns during 1rst stage of 7" cement job

updated: 5/30/01 jad

Hubbard A # 1E

Future Production Decline Estimate Dakota

(Monthly Factor .289%)

Month	Gas Volume
Jan-2000	**46**
Feb-2000	**44**
Mar-2000	**43**
Apr-2000	**42**
May-2000	**41**
Jun-2000	**39**
Jul-2000	**39**
Aug-2000	**36**
Sep-2000	**31**
Oct-2000	**29**
Nov-2000	**28**
Dec-2000	**20**
Jan-2001	**30**
Feb-2001	**31**
Mar-2001	**37**
Apr-2001	**44**
May-2001	**45**
Jun-2001	45
Jul-2001	45
Aug-2001	45
Sep-2001	45
Oct-2001	44
Nov-2001	44
Dec-2001	44
Jan-2002	44
Feb-2002	44
Mar-2002	44
Apr-2002	44
May-2002	44
Jun-2002	43
Jul-2002	43
Aug-2002	43
Sep-2002	43
Oct-2002	43
Nov-2002	43
Dec-2002	43

ln(Qf/Qi) = -dt
Qi = 36 MCFD (08/2000)
Qf = 30 MCFD (01/2001)
t = 5 months (.41666 yrs)
d = 0.32 annual decline
0.027 monthly decline (0.32/12)

Corrected Volumes
30/36 = 0.83333
.83 * .41666 = .34722
0.028935

Month	Gas Volume
Jan-2003	43
Feb-2003	43
Mar-2003	42
Apr-2003	42
May-2003	42
Jun-2003	42
Jul-2003	42
Aug-2003	42
Sep-2003	42
Oct-2003	42
Nov-2003	42
Dec-2003	41
Jan-2004	41
Feb-2004	41
Mar-2004	41
Apr-2004	41
May-2004	41
Jun-2004	41
Jul-2004	41
Aug-2004	41
Sep-2004	41
Oct-2004	40
Nov-2004	40
Dec-2004	40
Jan-2005	40
Feb-2005	40
Mar-2005	40
Apr-2005	40
May-2005	40
Jun-2005	40
Jul-2005	39
Aug-2005	39
Sep-2005	39
Oct-2005	39
Nov-2005	39
Dec-2005	39

Month	Gas Volume
Jan-2006	39
Feb-2006	39
Mar-2006	39
Apr-2006	38
May-2006	38
Jun-2006	38
Jul-2006	38
Aug-2006	38
Sep-2006	38
Oct-2006	38
Nov-2006	37
Dec-2006	37
Jan-2007	37
Feb-2007	37
Mar-2007	37
Apr-2007	37
May-2007	37
Jun-2007	37
Jul-2007	36
Aug-2007	36
Sep-2007	36
Oct-2007	36
Nov-2007	36
Dec-2007	36
Jan-2008	36
Feb-2008	36
Mar-2008	35
Apr-2008	35
May-2008	35
Jun-2008	35
Jul-2008	35
Aug-2008	35
Sep-2008	35
Oct-2008	35
Nov-2008	34
Dec-2008	34

Hubbard A # 1E

Future Production Decline Estimate Dakota

(Monthly Factor .289%)

Month	Gas Volume
Jan-2009	34
Feb-2009	34
Mar-2009	34
Apr-2009	34
May-2009	34
Jun-2009	34
Jul-2009	34
Aug-2009	33
Sep-2009	33
Oct-2009	33
Nov-2009	33
Dec-2009	33
Jan-2010	33
Feb-2010	33
Mar-2010	33
Apr-2010	33
May-2010	32
Jun-2010	32
Jul-2010	32
Aug-2010	32
Sep-2010	32
Oct-2010	32
Nov-2010	32
Dec-2010	32
Jan-2011	32
Feb-2011	31
Mar-2011	31
Apr-2011	31
May-2011	31
Jun-2011	31
Jul-2011	31
Aug-2011	31
Sep-2011	31
Oct-2011	31
Nov-2011	30
Dec-2011	30

Month	Gas Volume
Jan-2012	30
Feb-2012	30
Mar-2012	30
Apr-2012	30
May-2012	30
Jun-2012	30
Jul-2012	30
Aug-2012	30
Sep-2012	30
Oct-2012	29
Nov-2012	29
Dec-2012	29
Jan-2013	29
Feb-2013	29
Mar-2013	29
Apr-2013	29
May-2013	29
Jun-2013	29
Jul-2013	29
Aug-2013	29
Sep-2013	28
Oct-2013	28
Nov-2013	28
Dec-2013	28
Jan-2014	28
Feb-2014	28
Mar-2014	28
Apr-2014	28
May-2014	28
Jun-2014	28
Jul-2014	28
Aug-2014	28
Sep-2014	27
Oct-2014	27
Nov-2014	27
Dec-2014	27

Month	Gas Volume
Jan-2015	27
Feb-2015	27
Mar-2015	27
Apr-2015	27
May-2015	27
Jun-2015	27
Jul-2015	27
Aug-2015	27
Sep-2015	26
Oct-2015	26
Nov-2015	26
Dec-2015	26
Jan-2016	26
Feb-2016	26
Mar-2016	26
Apr-2016	26
May-2016	26
Jun-2016	26
Jul-2016	26
Aug-2016	26
Sep-2016	26
Oct-2016	25
Nov-2016	25
Dec-2016	25
Jan-2017	25
Feb-2017	25
Mar-2017	25
Apr-2017	25
May-2017	25
Jun-2017	25
Jul-2017	25
Aug-2017	25
Sep-2017	25
Oct-2017	25
Nov-2017	25
Dec-2017	24

Month	Gas Volume
Jan-2018	24
Feb-2018	24
Mar-2018	24
Apr-2018	24
May-2018	24
Jun-2018	24
Jul-2018	24
Aug-2018	23
Sep-2018	23
Oct-2018	23
Nov-2018	23
Dec-2018	23
Jan-2019	23
Feb-2019	23
Mar-2019	23
Apr-2019	23
May-2019	22
Jun-2019	22
Jul-2019	22
Aug-2019	22
Sep-2019	22
Oct-2019	22
Nov-2019	22
Dec-2019	22
Jan-2020	22
Feb-2020	21
Mar-2020	21
Apr-2020	21
May-2020	21
Jun-2020	21
Jul-2020	21
Aug-2020	21
Sep-2020	21
Oct-2020	21
Nov-2020	21
Dec-2020	20

Hubbard A # 1E

Future Production Decline Estimate Dakota

(Monthly Factor .289%)

Month	Gas Volume
Jan-2021	20
Feb-2021	20
Mar-2021	20
Apr-2021	20
May-2021	20
Jun-2021	20
Jul-2021	20
Aug-2021	20
Sep-2021	20
Oct-2021	19
Nov-2021	19
Dec-2021	19
Jan-2022	19
Feb-2022	19
Mar-2022	19
Apr-2022	19
May-2022	19
Jun-2022	19
Jul-2022	19
Aug-2022	18
Sep-2022	18
Oct-2022	18
Nov-2022	18
Dec-2022	18
Jan-2023	18
Feb-2023	18
Mar-2023	18
Apr-2023	18
May-2023	18
Jun-2023	18
Jul-2023	17
Aug-2023	17
Sep-2023	17
Oct-2023	17
Nov-2023	17
Dec-2023	17

Month	Gas Volume
Jan-2024	17
Feb-2024	17
Mar-2024	17
Apr-2024	17
May-2024	17
Jun-2024	17
Jul-2024	16
Aug-2024	16
Sep-2024	16
Oct-2024	16
Nov-2024	16
Dec-2024	16
Jan-2025	16
Feb-2025	16
Mar-2025	16
Apr-2025	16
May-2025	16
Jun-2025	16
Jul-2025	15
Aug-2025	15
Sep-2025	15
Oct-2025	15
Nov-2025	15
Dec-2025	15
Jan-2026	15
Feb-2026	15
Mar-2026	15
Apr-2026	15
May-2026	15
Jun-2026	15
Jul-2026	15
Aug-2026	15
Sep-2026	14
Oct-2026	14
Nov-2026	14
Dec-2026	14

Month	Gas Volume
Jan-2027	14
Feb-2027	14
Mar-2027	14
Apr-2027	14
May-2027	14
Jun-2027	14
Jul-2027	14
Aug-2027	14
Sep-2027	14
Oct-2027	14
Nov-2027	13
Dec-2027	13
Jan-2028	13
Feb-2028	13
Mar-2028	13
Apr-2028	13
May-2028	13
Jun-2028	13
Jul-2028	13
Aug-2028	13
Sep-2028	13
Oct-2028	13
Nov-2028	13
Dec-2028	13
Jan-2029	13
Feb-2029	12
Mar-2029	12
Apr-2029	12
May-2029	12
Jun-2029	12
Jul-2029	12
Aug-2029	12
Sep-2029	12
Oct-2029	12
Nov-2029	12
Dec-2029	12

Month	Gas Volume
Jan-2030	12
Feb-2030	12
Mar-2030	12
Apr-2030	12
May-2030	12
Jun-2030	11
Jul-2030	11
Aug-2030	11
Sep-2030	11
Oct-2030	11
Nov-2030	11
Dec-2030	11
Jan-2031	11
Feb-2031	11
Mar-2031	11
Apr-2031	11
May-2031	11
Jun-2031	11
Jul-2031	11
Aug-2031	11
Sep-2031	11
Oct-2031	11
Nov-2031	11
Dec-2031	10
Jan-2032	10
Feb-2032	10
Mar-2032	10
Apr-2032	10
May-2032	10
Jun-2032	10
Jul-2032	10
Aug-2032	10
Sep-2032	10
Oct-2032	10
Nov-2032	10
Dec-2032	10