

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: September 30, 1990

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT--" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
☐ OIL WELL ☒ GAS WELL ☐ OTHER

2. Name of Operator

Amoco Production Company

Mary Corley

3. Address and Telephone No.

P.O. Box 3092 Houston, TX 772533

(281) 366-4491

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1120' FSL & 850' FWL Sec. 10 T28N R08W Unit M

5. Lease Designation and Serial No.

SF - 078390

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

Well Name and No.

Hughes Com 5E

8. API Well No.

30-045-25563

9. Field and Pool or Exploratory Area
Basin Dakota/Blanco Mesaverde

11. County or Parish, State

San Juan New Mexico

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
☒ Notice of Intent	☐ Abandonment
☐ Subsequent Report	☐ Recompletion
☐ Final Abandonment Notice	☐ Plugging Back
	☐ Casing Repair
	☐ Altering Casing
	☒ Other
	Add Blanco Mesaverde & Downhole Commingle
	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

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 attach procedure.

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

The working interest, overriding and royalty interest owners are not identical in the proposed commingled pools, therefore, were notified of this application via certified mail (return receipt) on October 31, 2000. A listing of these owners is also 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 total production for the commingled well. The balance of the production will be attributed to the Blanco Mesaverde. Attached is the future production decline estimate for the Dakota.

Commingling Production Downhole in the subject well from the proposed pools with not reduce the value of the total remaining production.

14. I hereby certify that the foregoing is true and correct

Signed Mary Corley Title Sr. Business Analyst

Date 09/26/00

(This space for Federal or State office use)

Approved by _____ Title _____

Date _____

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instructions On Reverse Side

NMOCD

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

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WELL API NO.	30-045-25563
5. Indicate Type of Lease	STATE ☐ FEE ☐
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name	Hughes Com
8. Well No.	5E
9. Pool name or Wildcat	Basin Dakota & Blanco Mesaverde

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.)	
1. Type of Well: OIL WELL ☐ GAS WELL ☒ OTHER	
2. Name of Operator AMOCO PRODUCTION COMPANY Attention: Mary Corley	
P.O. Box 3092 Houston TX 77253	
4. Well Location Unit Letter M : 1120' Feet From The SOUTH Line and 850' Feet From The WEST Line Sectio 10 Township 28N Rang 08W NMPM San Juan County	
10. Elevation (Show whether DF, RKB, RT, GR, etc.)	

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 October 31, 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 10-31-2000

TYPE OR PRINT NAME Mary Corley TELEPHONE NO. 281-366-4491

(This space for State Use)

APPROVED BY [Signature] TITLE _____ DATE _____

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, Sante 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 30-045-25563	Pool Code 71599 & 72319	Pool Name Basin Dakota & Blanco Mesaverde
Property Code 000700	Property Name Hughes Com	Well Number 5E
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 M	10	28N	8W		1120'	SOUTH	850'	WEST	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
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Der. No. 293.84 MV	Joint or Infill I	Consolidation Code	Order No. DK - R1814 - Oct 13, 1966 MV - R401 - Dec 14, 1955
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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

SEC 9 SEC 10

	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 <i>Mary Corley</i> Printed Name Mary Corley Position Sr. Regulatory Analyst Date 09/26/2000
	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 09/08/1982 Signature & Seal of Professional Surveyor Fred B Kerr Jr Certificate No. 3950

Hughes Com #5E 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 6939'.
6. TIH with bit and scraper for 4-1/2" casing to 5050'.
7. TIH with tubing-set CIBP. Set CIBP at 5050". Load hole with 2% KCL.
Note: No CBL will be run on this recompletion. The original cmt job on 4-1/2" liner had good circulation throughout the job and 20 bbls of cement were reversed off the liner top indicating a good cement job.
8. Pressure test casing to 1500 psi.
Contingency: If casing fails the pressure test, locate the leak location and contact James Dean at (281) 366-5723. Perform squeeze job. Consult with engineer concerning pumping frac jobs down casing or using a workstring.
9. RIH with 3-1/8" casing guns. Perforate Lower Menefee/Point Lookout formation.
4526', 4547', 4575', 4594', 4656', 4690', 4704', 4738', 4765', 4776', 4796', 4810', 4814', 4822', 4838', 4858', 4874', 4890'
10. RU frac equipment and install wellhead isolation tool. Use 2% KCL/N2 foam in fracture stimulation.
11. Spearhead 500 gal 15% HCL, establish injection rate, and proceed with fracture stimulation according to Schlumberger schedule
12. Immediately after frac job, RU WL unit and lubricator.
13. RIH and set CIBP between Cliffhouse and Menefee at 4500'.
14. RIH with 3-1/8" casing guns. Perforate Cliffhouse/Upper Menefee formation.
4190', 4196', 4204', 4214', 4222', 4228', 4246', 4252', 4260', 4268', 4274', 4314', 4330', 4338', 4362', 4368', 4413', 4418', 4430', 4450', 4456'
15. RU frac equipment and install wellhead isolation tool. Use 2% KCL/N2 foam in fracture stimulation.
16. Spearhead 500 gal 15% HCL, establish injection rate, and proceed with fracture stimulation according to Schlumberger schedule
17. Flowback frac immediately.
18. TIH with tubing and bit. Cleanout fill and drill bridge plugs set at 4500' and 5050'. Cleanout fill to PBTD at 7060'
19. TIH with 2-3/8" production tubing. Land production tubing at 6800'.
20. ND BOP's. NU WH. Return well to production and downhole commingle MV and DK production.

Hughes Com #5E

Sec 10, T28NR8W

API: 30-045-25563

GL: 6043'

History:

6-1/4" OH drilled with air
without problems
Completed in 2/84

est. TOC @surface (circ)

9-5/8" 36#, K55 ST&C @324'
200 sxs cmt (circulated)

TOC est @150' (temp surv)

DV tool @1862'
2nd stage: 225 sxs cmt

TOC unknown

4-1/2" liner hanger @2978'

7" 23#, S95 LT&C @3150'
1st stage: 200 sxs cmt

est. TOC at liner top (reversed 20 bbls)

Tubing: 2-3/8" 4.7#, J55 @6939'

4-1/2" liner, 11.0#, K55 ST&C 7060'
433 sacks cmt

PBTD: 7060'

Dakota Completion

6814' - 6824' 2 spf
6898' - 6910' 2 spf
6938' - 6942' 2 spf
6996' - 7000' 2 spf
7028' - 7040' 2 spf

Notes:

- Reversed 20 bbls cmt off 4-1/2" liner top
- Good circulation throughout cmt job

updated: 7/31/00 jad

Hughes Com 5E
Future Production Decline Estimate Daily Rates (Monthly Factor .405%)

Month	Gas Volume
Jan-2000	71.0
Feb-2000	70.0
Mar-2000	71.0
Apr-2000	70.0
May-2000	69.0
Jun-2000	105.0
Jul-2000	71.0
Aug-2000	93.0
Sep-2000	93.0
Oct-2000	92.6
Nov-2000	92.2
Dec-2000	91.9
Jan-2001	91.5
Feb-2001	91.1
Mar-2001	90.8
Apr-2001	90.4
May-2001	90.0
Jun-2001	89.7
Jul-2001	89.3
Aug-2001	88.9
Sep-2001	88.6
Oct-2001	88.2
Nov-2001	87.9
Dec-2001	87.5
Jan-2002	87.2
Feb-2002	86.8
Mar-2002	86.4
Apr-2002	86.1
May-2002	85.8
Jun-2002	85.4
Jul-2002	85.1
Aug-2002	84.7
Sep-2002	84.4
Oct-2002	84.0
Nov-2002	83.7
Dec-2002	83.3

Forecast

Month	Gas Volume
Jan-2003	83.0
Feb-2003	82.7
Mar-2003	82.3
Apr-2003	82.0
May-2003	81.7
Jun-2003	81.3
Jul-2003	81.0
Aug-2003	80.7
Sep-2003	80.4
Oct-2003	80.0
Nov-2003	79.7
Dec-2003	79.4
Jan-2004	79.1
Feb-2004	78.7
Mar-2004	78.4
Apr-2004	78.1
May-2004	77.8
Jun-2004	77.5
Jul-2004	77.2
Aug-2004	76.9
Sep-2004	76.5
Oct-2004	76.2
Nov-2004	75.9
Dec-2004	75.6
Jan-2005	75.3
Feb-2005	75.0
Mar-2005	74.7
Apr-2005	74.4
May-2005	74.1
Jun-2005	73.8
Jul-2005	73.5
Aug-2005	73.2
Sep-2005	72.9
Oct-2005	72.6
Nov-2005	72.3
Dec-2005	72.0

Month	Gas Volume
Jan-2006	71.7
Feb-2006	71.4
Mar-2006	71.2
Apr-2006	70.9
May-2006	70.6
Jun-2006	70.3
Jul-2006	70.0
Aug-2006	69.7
Sep-2006	69.4
Oct-2006	69.2
Nov-2006	68.9
Dec-2006	68.6
Jan-2007	68.3
Feb-2007	68.0
Mar-2007	67.8
Apr-2007	67.5
May-2007	67.2
Jun-2007	66.9
Jul-2007	66.7
Aug-2007	66.4
Sep-2007	66.1
Oct-2007	65.9
Nov-2007	65.6
Dec-2007	65.3
Jan-2008	65.1
Feb-2008	64.8
Mar-2008	64.5
Apr-2008	64.3
May-2008	64.0
Jun-2008	63.8
Jul-2008	63.5
Aug-2008	63.3
Sep-2008	63.0
Oct-2008	62.7
Nov-2008	62.5
Dec-2008	62.2

Month	Gas Volume
Jan-2009	62.0
Feb-2009	61.9
Mar-2009	61.7
Apr-2009	61.5
May-2009	61.3
Jun-2009	61.1
Jul-2009	60.9
Aug-2009	60.8
Sep-2009	60.6
Oct-2009	60.4
Nov-2009	60.2
Dec-2009	60.0
Jan-2010	59.9
Feb-2010	59.7
Mar-2010	59.5
Apr-2010	59.3
May-2010	59.1
Jun-2010	59.0
Jul-2010	58.8
Aug-2010	58.6
Sep-2010	58.4
Oct-2010	58.3
Nov-2010	58.1
Dec-2010	57.9
Jan-2011	57.7
Feb-2011	57.6
Mar-2011	57.4
Apr-2011	57.2
May-2011	57.0
Jun-2011	56.9
Jul-2011	56.7
Aug-2011	56.5
Sep-2011	56.4
Oct-2011	56.2
Nov-2011	56.0
Dec-2011	55.9

Hughes Com 5E
Future Production Decline Estimate Daily Rates (Monthly Factor .405%)

Month	Gas Volume
Jan-2012	55.7
Feb-2012	55.5
Mar-2012	55.4
Apr-2012	55.2
May-2012	55.0
Jun-2012	54.9
Jul-2012	54.7
Aug-2012	54.5
Sep-2012	54.4
Oct-2012	54.2
Nov-2012	54.0
Dec-2012	53.9
Jan-2013	53.7
Feb-2013	53.6
Mar-2013	53.4
Apr-2013	53.2
May-2013	53.1
Jun-2013	52.9
Jul-2013	52.8
Aug-2013	52.6
Sep-2013	52.4
Oct-2013	52.3
Nov-2013	52.1
Dec-2013	52.0
Jan-2014	51.8
Feb-2014	51.7
Mar-2014	51.5
Apr-2014	51.3
May-2014	51.2
Jun-2014	51.0
Jul-2014	50.9
Aug-2014	50.7
Sep-2014	50.6
Oct-2014	50.4
Nov-2014	50.3
Dec-2014	50.1

Month	Gas Volume
Jan-2015	50.0
Feb-2015	49.8
Mar-2015	49.7
Apr-2015	49.5
May-2015	49.4
Jun-2015	49.2
Jul-2015	49.1
Aug-2015	48.9
Sep-2015	48.8
Oct-2015	48.6
Nov-2015	48.5
Dec-2015	48.4
Jan-2016	48.2
Feb-2016	48.1
Mar-2016	47.9
Apr-2016	47.8
May-2016	47.6
Jun-2016	47.5
Jul-2016	47.3
Aug-2016	47.2
Sep-2016	47.1
Oct-2016	46.9
Nov-2016	46.8
Dec-2016	46.6
Jan-2017	46.5
Feb-2017	46.4
Mar-2017	46.2
Apr-2017	46.1
May-2017	45.9
Jun-2017	45.8
Jul-2017	45.7
Aug-2017	45.5
Sep-2017	45.4
Oct-2017	45.3
Nov-2017	45.1
Dec-2017	45.0

Month	Gas Volume
Jan-2018	44.8
Feb-2018	44.5
Mar-2018	44.3
Apr-2018	44.1
May-2018	43.9
Jun-2018	43.7
Jul-2018	43.4
Aug-2018	43.2
Sep-2018	43.0
Oct-2018	42.8
Nov-2018	42.6
Dec-2018	42.4
Jan-2019	42.2
Feb-2019	41.9
Mar-2019	41.7
Apr-2019	41.5
May-2019	41.3
Jun-2019	41.1
Jul-2019	40.9
Aug-2019	40.7
Sep-2019	40.5
Oct-2019	40.3
Nov-2019	40.1
Dec-2019	39.9
Jan-2020	39.7
Feb-2020	39.5
Mar-2020	39.3
Apr-2020	39.1
May-2020	38.9
Jun-2020	38.7
Jul-2020	38.5
Aug-2020	38.3
Sep-2020	38.1
Oct-2020	37.9
Nov-2020	37.7
Dec-2020	37.6

Month	Gas Volume
Jan-2021	37.4
Feb-2021	37.2
Mar-2021	37.0
Apr-2021	36.8
May-2021	36.6
Jun-2021	36.4
Jul-2021	36.3
Aug-2021	36.1
Sep-2021	35.9
Oct-2021	35.7
Nov-2021	35.5
Dec-2021	35.4
Jan-2022	35.2
Feb-2022	35.0
Mar-2022	34.8
Apr-2022	34.7
May-2022	34.5
Jun-2022	34.3
Jul-2022	34.1
Aug-2022	34.0
Sep-2022	33.8
Oct-2022	33.6
Nov-2022	33.5
Dec-2022	33.3
Jan-2023	33.1
Feb-2023	33.0
Mar-2023	32.8
Apr-2023	32.6
May-2023	32.5
Jun-2023	32.3
Jul-2023	32.2
Aug-2023	32.0
Sep-2023	31.8
Oct-2023	31.7
Nov-2023	31.5
Dec-2023	31.4

Hughes Com 5E
Future Production Decline Estimate Daily Rates (Monthly Factor .405%)

Month	Gas Volume
Jan-2024	31.2
Feb-2024	31.0
Mar-2024	30.9
Apr-2024	30.7
May-2024	30.6
Jun-2024	30.4
Jul-2024	30.3
Aug-2024	30.1
Sep-2024	30.0
Oct-2024	29.8
Nov-2024	29.7
Dec-2024	29.5
Jan-2025	29.4
Feb-2025	29.2
Mar-2025	29.1
Apr-2025	28.9
May-2025	28.8
Jun-2025	28.7
Jul-2025	28.5
Aug-2025	28.4
Sep-2025	28.2
Oct-2025	28.1
Nov-2025	27.9
Dec-2025	27.8
Jan-2026	27.7
Feb-2026	27.5
Mar-2026	27.4
Apr-2026	27.3
May-2026	27.1
Jun-2026	27.0
Jul-2026	26.8
Aug-2026	26.7
Sep-2026	26.6
Oct-2026	26.4
Nov-2026	26.3
Dec-2026	26.2

Month	Gas Volume
Jan-2027	26.1
Feb-2027	25.9
Mar-2027	25.8
Apr-2027	25.7
May-2027	25.5
Jun-2027	25.4
Jul-2027	25.3
Aug-2027	25.2
Sep-2027	25.0
Oct-2027	24.9
Nov-2027	24.8
Dec-2027	24.7
Jan-2028	24.5
Feb-2028	24.4
Mar-2028	24.3
Apr-2028	24.2
May-2028	24.0
Jun-2028	23.9
Jul-2028	23.8
Aug-2028	23.7
Sep-2028	23.6
Oct-2028	23.4
Nov-2028	23.3
Dec-2028	23.2
Jan-2029	23.1
Feb-2029	23.0
Mar-2029	22.9
Apr-2029	22.8
May-2029	22.6
Jun-2029	22.5
Jul-2029	22.4
Aug-2029	22.3
Sep-2029	22.2
Oct-2029	22.1
Nov-2029	22.0
Dec-2029	21.9

Month	Gas Volume
Jan-2030	21.7
Feb-2030	21.6
Mar-2030	21.4
Apr-2030	21.3
May-2030	21.2
Jun-2030	21.1
Jul-2030	21.0
Aug-2030	20.9
Sep-2030	20.8
Oct-2030	20.7
Nov-2030	20.6
Dec-2030	20.5
Jan-2031	20.4
Feb-2031	20.3
Mar-2031	20.2
Apr-2031	20.1
May-2031	20.0
Jun-2031	19.9
Jul-2031	19.8
Aug-2031	19.7
Sep-2031	19.6
Oct-2031	19.5
Nov-2031	19.4
Dec-2031	19.3
Jan-2032	19.2
Feb-2032	19.1
Mar-2032	19.0
Apr-2032	18.9
May-2032	18.8
Jun-2032	18.7
Jul-2032	18.6
Aug-2032	18.5
Sep-2032	18.5
Oct-2032	18.4
Nov-2032	18.3
Dec-2032	18.2

Month	Gas Volume
Jan-2033	18.1
Feb-2033	18.0
Mar-2033	17.9
Apr-2033	17.8
May-2033	17.7
Jun-2033	17.6
Jul-2033	17.5
Aug-2033	17.5
Sep-2033	17.4
Oct-2033	17.3
Nov-2033	17.2
Dec-2033	17.1
Jan-2034	17.0
Feb-2034	16.9
Mar-2034	16.9
Apr-2034	16.8
May-2034	16.7
Jun-2034	16.6
Jul-2034	16.5
Aug-2034	16.4
Sep-2034	16.4
Oct-2034	16.3
Nov-2034	16.2
Dec-2034	16.1
Jan-2035	16.0
Feb-2035	16.0
Mar-2035	15.9
Apr-2035	15.8
May-2035	15.7
Jun-2035	15.6
Jul-2035	15.6
Aug-2035	15.5
Sep-2035	15.4
Oct-2035	15.3
Nov-2035	15.3
Dec-2035	15.2