

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000**SUNDRY NOTICES AND REPORTS ON WELLS**
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well ☐ Oil Well ☒ Gas Well ☐ Other		5. Lease Serial No. JIC CONTRACT 109
2. Name of Operator AMOCO PRODUCTION COMPANY		6. If Indian, Allottee or Tribe Name JICARILLA DULCE
3a. Address P.O. BOX 3092 HOUSTON, TX 77253		7. If Unit or CA/Agreement, Name and/or No.
3b. Phone No. (include area code) Ph: 281.366.4081 Fx: 281.366.0700		8. Well Name and No. JICARILLA B 5
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 21 T26N R05W Mer NESW 1695FSL 1545FWL		9. API Well No. 30-039-08082
		10. Field and Pool, or Exploratory BASIN DAKOTA/BLANCO MESAVE
		11. County or Parish, and State RIO ARriba COUNTY, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ SUBCOM
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

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 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

14. I hereby certify that the foregoing is true and correct. Electronic Submission #5747 verified by the BLM Well Information System For AMOCO PRODUCTION COMPANY, sent to the Rio Puerco Committed to AFMSS for processing by Angie Medina-Jones on 07/18/2001 ()	
Name (Printed/Typed) CHERRY HLAVA	Title AUTHORIZED REPRESENTATIVE
Signature	Date 07/18/2001

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <i>Adriana M. Medina</i>	Lands and Mineral Resources	Date 8-7-01
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.

Contain *filed in file*
ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL **
Submit Completion report to MIV

Additional data for EC transaction #5747 that would not fit on the form

32. Additional remarks, continued

production.

Jicarilla B 5
Unit K Sec 21 T26N-R5W
Rio Arriba County, NM

Procedure:

1. MIRU SU. Record TP, CP and BH. ND tree, NU BOP.
2. Tag for fill. POOH tallying tbg, visually inspecting.
3. Make bit x scraper run.
4. Set CIBP on tbg at +/- 5600' to isolate DK. Load hole with KCl water. Test casing to 2500 psi.
5. RU Schlumberger. Log CBL/GR/CCL from 5500' to surface. Correlate to Schlumberger Induction Electric Log dated 5/8/66. Fax log to Allen Kutch at 281-366-0700.
6. Perforate following intervals with 3-1/8" csg gun, 2 SPF, 90 degree phased (30 holes total):

5248', 56', 62', 64', 66'
5308', 10, 12', 36', 38', 55', 60', 68', 74'
5425'
7. RU pumping equipment and wellhead isolation tool.
8. Frac well down 4-1/2" csg with nitrogen foam and sand according to attached pumping schedule. Flush with foam to top perf. Do not overdisplace.

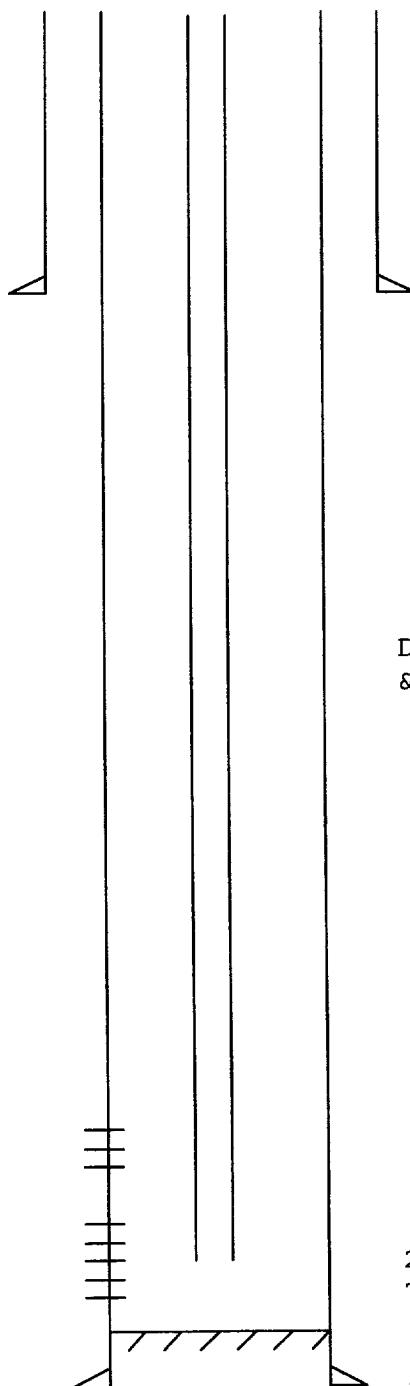
NOTE: 80% of burst for 4-1/2" 11.6# J55 is 4280 psi.
9. Set CIBP at 5200'.
10. Perforate following intervals with 3-1/8" csg gun, 2 SPF, 90 degree phasing (30 holes total):

4922', 26', 69', 73'
5035', 45', 66', 84', 88'
5103', 10', 20, 68', 70', 72'
11. Frac well down 4-1/2" csg with nitrogen foam and sand according to attached 2nd stage pumping schedule. Flush with foam to top perf. Do not overdisplace.
12. Flow back immediately after frac equipment is off the well. Flow until well logs off or fluid recovery falls off to less than 2 bbls fluid per hour.

Jicarilla B 5
Rio Arriba County, NM
Unit K Section 21 T26N - R5W
Run 54

7-3-2001
ATK

KB: 16'



8-5/8" 20# FLP @
330' w/ 140 sxs

DV tools @ 3216'
& 5456'

DK Perfs:

7212' - 7216'
7343' - 7351'
7375'
7385'
7393'
7436' - 7375'

2-3/8" 4.7# J55 EU 8RD @
7413'

Jicarilla_B_5.doc

4-1/2" 11.6# J55 @
7590' w/
250/75/380 sxs

District 1
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 30-039-08082		² Pool Code 72319	³ Pool Name Blanco Mesaverde
⁴ Property Code 000733	⁵ Property Name Jicarilla B		⁶ Well Number 5
⁷ OGRID No. 000778	⁸ Operator Name Amoco Production Company		⁹ Elevation 6612'

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 K	21	26N	05W		1695'	South	1545'	West	Rio Arriba

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot ldn	Feet from the	North/South line	Feet from the	East/West line	County
¹² Dedicated Acres 320 Ac.	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 hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. <i>Cherry Hlava</i> Signature
				Cherry Hlava Printed Name Regulatory Analyst Title 07/18/2001 Date
1545'	1695'			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. <i>April 4, 1966</i> Date of Survey Signature and Seal of Professional Surveyor: Robert H. Ernst 2463 Certificate Number

Jicarilla B 5**Future Production Decline Estimate (Monthly Factor .413%)**

$\ln(Q_t/Q_i) = -dt$
 $Q_i = 20$ MCFD (08/2000)
 $Q_f = 17$ MCFD (03/2001)
 $t = 7$ months (.58333 yrs)
 $d = 0.32$ annual decline
 0.027 monthly decline ($0.32/12$)

Corrected Volumes

$17/20 = 0.850$
 $0.850 * .58333 = .4958305/12$
 0.041319

Month	Gas Volume
Jan-2000	25
Feb-2000	27
Mar-2000	21
Apr-2000	17
May-2000	18
Jun-2000	10
Jul-2000	15
Aug-2000	20
Sep-2000	19
Oct-2000	9
Nov-2000	7
Dec-2000	15
Jan-2001	19
Feb-2001	31
Mar-2001	17
Apr-2001	26
May-2001	15
Jun-2001	15
Jul-2001	15
Aug-2001	15
Sep-2001	15
Oct-2001	15
Nov-2001	15
Dec-2001	15
Jan-2002	15
Feb-2002	15
Mar-2002	15
Apr-2002	15
May-2002	14
Jun-2002	14
Jul-2002	14
Aug-2002	14
Sep-2002	14
Oct-2002	14
Nov-2002	14
Dec-2002	14

Month	Gas Volume
Jan-2003	14
Feb-2003	14
Mar-2003	14
Apr-2003	14
May-2003	14
Jun-2003	14
Jul-2003	14
Aug-2003	14
Sep-2003	14
Oct-2003	14
Nov-2003	14
Dec-2003	14
Jan-2004	14
Feb-2004	14
Mar-2004	13
Apr-2004	13
May-2004	13
Jun-2004	13
Jul-2004	13
Aug-2004	13
Sep-2004	13
Oct-2004	13
Nov-2004	13
Dec-2004	13
Jan-2005	13
Feb-2005	13
Mar-2005	13
Apr-2005	13
May-2005	13
Jun-2005	13
Jul-2005	13
Aug-2005	13
Sep-2005	13
Oct-2005	13
Nov-2005	13
Dec-2005	13

Month	Gas Volume
Jan-2006	12
Feb-2006	12
Mar-2006	12
Apr-2006	12
May-2006	12
Jun-2006	12
Jul-2006	12
Aug-2006	12
Sep-2006	12
Oct-2006	12
Nov-2006	12
Dec-2006	12
Jan-2007	12
Feb-2007	12
Mar-2007	12
Apr-2007	12
May-2007	12
Jun-2007	12
Jul-2007	12
Aug-2007	12
Sep-2007	12
Oct-2007	12
Nov-2007	12
Dec-2007	12
Jan-2008	11
Feb-2008	11
Mar-2008	11
Apr-2008	11
May-2008	11
Jun-2008	11
Jul-2008	11
Aug-2008	11
Sep-2008	11
Oct-2008	11
Nov-2008	11
Dec-2008	11

Jicarilla B 5

07/18/2001

Future Production Decline Estimate (Monthly Factor .413%)

Month	Gas Volume
Jan-2009	11
Feb-2009	11
Mar-2009	11
Apr-2009	11
May-2009	11
Jun-2009	11
Jul-2009	11
Aug-2009	11
Sep-2009	11
Oct-2009	11
Nov-2009	11
Dec-2009	11
Jan-2010	11
Feb-2010	11
Mar-2010	10
Apr-2010	10
May-2010	10
Jun-2010	10
Jul-2010	10
Aug-2010	10
Sep-2010	10
Oct-2010	10
Nov-2010	10
Dec-2010	10
Jan-2011	10
Feb-2011	10
Mar-2011	10
Apr-2011	10
May-2011	10
Jun-2011	10
Jul-2011	10
Aug-2011	10
Sep-2011	10
Oct-2011	10
Nov-2011	10
Dec-2011	10

Month	Gas Volume
Jan-2012	10
Feb-2012	10
Mar-2012	10
Apr-2012	10
May-2012	10
Jun-2012	10
Jul-2012	10
Aug-2012	10
Sep-2012	9
Oct-2012	9
Nov-2012	9
Dec-2012	9
Jan-2013	9
Feb-2013	9
Mar-2013	9
Apr-2013	9
May-2013	9
Jun-2013	9
Jul-2013	9
Aug-2013	9
Sep-2013	9
Oct-2013	9
Nov-2013	9
Dec-2013	9
Jan-2014	9
Feb-2014	9
Mar-2014	9
Apr-2014	9
May-2014	9
Jun-2014	9
Jul-2014	9
Aug-2014	9
Sep-2014	9
Oct-2014	9
Nov-2014	9
Dec-2014	9

Month	Gas Volume
Jan-2015	9
Feb-2015	9
Mar-2015	9
Apr-2015	9
May-2015	9
Jun-2015	9
Jul-2015	9
Aug-2015	9
Sep-2015	9
Oct-2015	9
Nov-2015	8
Dec-2015	8
Jan-2016	8
Feb-2016	8
Mar-2016	8
Apr-2016	8
May-2016	8
Jun-2016	8
Jul-2016	8
Aug-2016	8
Sep-2016	8
Oct-2016	8
Nov-2016	8
Dec-2016	8
Jan-2017	8
Feb-2017	8
Mar-2017	8
Apr-2017	8
May-2017	8
Jun-2017	8
Jul-2017	8
Aug-2017	8
Sep-2017	8
Oct-2017	8
Nov-2017	8
Dec-2017	8

Month	Gas Volume
Jan-2018	8
Feb-2018	8
Mar-2018	8
Apr-2018	8
May-2018	8
Jun-2018	8
Jul-2018	8
Aug-2018	8
Sep-2018	8
Oct-2018	7
Nov-2018	7
Dec-2018	7
Jan-2019	7
Feb-2019	7
Mar-2019	7
Apr-2019	7
May-2019	7
Jun-2019	7
Jul-2019	7
Aug-2019	7
Sep-2019	7
Oct-2019	7
Nov-2019	7
Dec-2019	7
Jan-2020	7
Feb-2020	7
Mar-2020	7
Apr-2020	7
May-2020	7
Jun-2020	7
Jul-2020	7
Aug-2020	7
Sep-2020	7
Oct-2020	7
Nov-2020	7
Dec-2020	7

Jicarilla B 5

Future Production Decline Estimate (Monthly Factor .413%)

Month	Gas Volume
Jan-2021	7
Feb-2021	6
Mar-2021	6
Apr-2021	6
May-2021	6
Jun-2021	6
Jul-2021	6
Aug-2021	6
Sep-2021	6
Oct-2021	6
Nov-2021	6
Dec-2021	6
Jan-2022	6
Feb-2022	6
Mar-2022	6
Apr-2022	6
May-2022	6
Jun-2022	6
Jul-2022	6
Aug-2022	6
Sep-2022	6
Oct-2022	6
Nov-2022	6
Dec-2022	6
Jan-2023	6
Feb-2023	6
Mar-2023	6
Apr-2023	6
May-2023	6
Jun-2023	6
Jul-2023	6
Aug-2023	6
Sep-2023	6
Oct-2023	6
Nov-2023	6
Dec-2023	5

Month	Gas Volume
Jan-2024	5
Feb-2024	5
Mar-2024	5
Apr-2024	5
May-2024	5
Jun-2024	5
Jul-2024	5
Aug-2024	5
Sep-2024	5
Oct-2024	5
Nov-2024	5
Dec-2024	5
Jan-2025	5
Feb-2025	5
Mar-2025	5
Apr-2025	5
May-2025	5
Jun-2025	5
Jul-2025	5
Aug-2025	5
Sep-2025	5
Oct-2025	5
Nov-2025	5
Dec-2025	5
Jan-2026	5
Feb-2026	5
Mar-2026	5
Apr-2026	5
May-2026	5
Jun-2026	5
Jul-2026	5
Aug-2026	5
Sep-2026	5
Oct-2026	5
Nov-2026	5
Dec-2026	5

Month	Gas Volume
Jan-2027	5
Feb-2027	5
Mar-2027	5
Apr-2027	4
May-2027	4
Jun-2027	4
Jul-2027	4
Aug-2027	4
Sep-2027	4
Oct-2027	4
Nov-2027	4
Dec-2027	4
Jan-2028	4
Feb-2028	4
Mar-2028	4
Apr-2028	4
May-2028	4
Jun-2028	4
Jul-2028	4
Aug-2028	4
Sep-2028	4
Oct-2028	4
Nov-2028	4
Dec-2028	4
Jan-2029	4
Feb-2029	4
Mar-2029	4
Apr-2029	4
May-2029	4
Jun-2029	4
Jul-2029	4
Aug-2029	4
Sep-2029	4
Oct-2029	4
Nov-2029	4
Dec-2029	4

Month	Gas Volume
Jan-2030	4
Feb-2030	4
Mar-2030	4
Apr-2030	4
May-2030	4
Jun-2030	4
Jul-2030	4
Aug-2030	4
Sep-2030	4
Oct-2030	4
Nov-2030	4
Dec-2030	4
Jan-2031	4
Feb-2031	4
Mar-2031	4
Apr-2031	4
May-2031	3
Jun-2031	3
Jul-2031	3
Aug-2031	3
Sep-2031	3
Oct-2031	3
Nov-2031	3
Dec-2031	3
Jan-2032	3
Feb-2032	3
Mar-2032	3
Apr-2032	3
May-2032	3
Jun-2032	3
Jul-2032	3
Aug-2032	3
Sep-2032	3
Oct-2032	3
Nov-2032	3
Dec-2032	3