

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM 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 155
2. Name of Operator AMOCO PRODUCTION COMPANY		6. If Indian, Allottee or Tribe Name JICARILLA APACHE
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 CONT. 155 22E
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 31 T26N R05W Mer NESW 1670FSL 1645FWL		9. API Well No. 30-039-22088
		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 recompleat 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 recompletion 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 #5690 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 07/17/2001 ()	
Name (Printed/Typed) CHERRY HLAVA	Title AUTHORIZED REPRESENTATIVE
Signature	Date 07/16/2001

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <i>Patricia M. Hester</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 *Submit on disk or hard copy*
ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL **

Submit *submit on disk or hard copy*

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, Santa 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 30-039-22088	Pool Code 72319	Pool Name Blanco Mesaverde
Property Code 000741	Property Name Jicarilla Contract 155	Well Number 22E
OGRID No. 000778	Operator Name AMOCO PRODUCTION COMPANY	Elevation 6638' GR

Surface Location

UL or lot no. UNIT K	Section 31	Township 26N	Range 05W	Lot. Idn	Feet from the 1670'	North/South Line SOUTH	Feet from the 1645'	East/West Line WEST	County Rio Arriba
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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
Dedicated Acreage: 200 160		Joint or Infill		Consolidation Code		Order No. NSP 1400			

**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**

	OPERATOR CERTIFICATION	
	I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
	Signature <i>Cherry Hlava</i>	
	Printed Name Cherry Hlava	
	Position Regulatory Analyst	
	Date 7-16-01	
	SURVEY 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 knowledge and belief.	
	Date of Survey 05/04/1979	
	Signature & Seal of Professional Surveyor Fred B Kerr Jr	
	Certificate No. 3950	

Jicarilla Contract 155 No. 22E
Unit K Sec 31 T25N-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 +/- 5400' to isolate DK. Load hole with KCl water. Test casing to 2500 psi.
5. RU Schlumberger. Log CBL/GR/CCL 4900' - 5300'. Correlate to Birdwell Induction Electric Log dated 8/1/79. Fax log to Allen Kutch at 281-366-0700.
6. Perforate following intervals with 3-1/8" csg gun, 1 SPF, 90 degree phased (30 holes total):

4946' - 4952'
5078' - 5100'
5152' - 5158'
5198' - 5204'
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# N80 is 6200 psi.
9. 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.
10. RIH with bit x DC's. RU air package and D/O CIBP at 5400'. Clean out to 7506' PBTD.
11. PU above perfs. Flow well 30 minutes. RIH to PBTD, cleaning out again if necessary. Repeat step until sand feed-in stabilizes.
12. RIH rabbiting following production string:
 - a. 1 jt 2-3/8" tbg
 - b. F-nipple w/ blanking plug

c. 2-3/8" tbg to surface

13. Tag bottom. PU and land EOT at +/- 7250'.
14. If original tubing is re-run, load with KCl water and test to 500 psi. ND BOP, NU tree. Swab tubing dry.
15. RU slickline. Make 1.91" gauge ring run. Retrieve plug.
16. Set FB stop and bumper spring.
17. Flow well for 2-3 hours, swabbing if necessary.
18. RDMO SU.

Allen Kutch

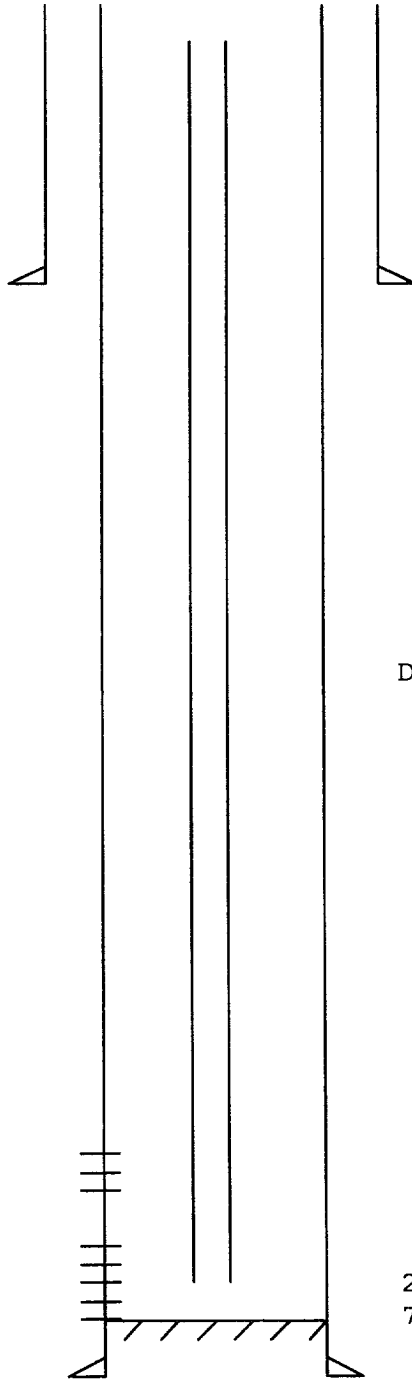
281-366-7955 office
281-366-0700 fax
888-788-6522 pager
979-865-0140 home

Jicarilla Contract 155 22E
2001
Rio Arriba County, NM
Unit K Section 31 T26N - R5W
Run 65

3-21-

ATK

KB: 13'



8-5/8" 24# K55 @
335' w/ 300 sxs

DV tool @ 4836'

DK Perfs:

7087' - 7100'
7220' - 7264'
7335' - 7356'

2-3/8" 4.7# J55 EU 8RD @
7224'

4-1/2" 11.6# N80 @
7550' w/ 1760 sxs

PBTD: 7506'
TD: 7550'

Jicarilla Contract 155 22E **Future Production Decline Estimate (Monthly Factor .389%)**

Month	Gas Volume
Jan-2000	71
Feb-2000	110
Mar-2000	42
Apr-2000	167
May-2000	186
Jun-2000	244
Jul-2000	244
Aug-2000	151
Sep-2000	179
Oct-2000	135
Nov-2000	103
Dec-2000	60
Jan-2001	96
Feb-2001	138
Mar-2001	142
Apr-2001	209
May-2001	227
Jun-2001	227
Jul-2001	227
Aug-2001	227
Sep-2001	227
Oct-2001	227
Nov-2001	227
Dec-2001	227
Jan-2002	226
Feb-2002	226
Mar-2002	226
Apr-2002	226
May-2002	226
Jun-2002	226
Jul-2002	226
Aug-2002	226
Sep-2002	226
Oct-2002	226
Nov-2002	226
Dec-2002	226

$\ln(Q_i/Q) = -dt$
 $Q_i = 151 \text{ MCFD (08/2000)}$
 $Q_f = 142 \text{ MCFD (03/2001)}$
 $t = 6 \text{ months (.5000 yrs)}$
 $d = 0.32 \text{ annual decline}$
 $0.027 \text{ monthly decline (0.32/12)}$

Corrected Volumes
 $142/151 = 0.93421$
 $0.93421 * .500 = .46711$
 0.038925833

Month	Gas Volume
Jan-2003	226
Feb-2003	226
Mar-2003	225
Apr-2003	224
May-2003	223
Jun-2003	222
Jul-2003	222
Aug-2003	221
Sep-2003	220
Oct-2003	219
Nov-2003	219
Dec-2003	218
Jan-2004	217
Feb-2004	216
Mar-2004	216
Apr-2004	215
May-2004	214
Jun-2004	213
Jul-2004	213
Aug-2004	212
Sep-2004	211
Oct-2004	211
Nov-2004	210
Dec-2004	209
Jan-2005	208
Feb-2005	208
Mar-2005	207
Apr-2005	206
May-2005	205
Jun-2005	205
Jul-2005	204
Aug-2005	203
Sep-2005	203
Oct-2005	202
Nov-2005	201
Dec-2005	201

Month	Gas Volume
Jan-2006	200
Feb-2006	199
Mar-2006	199
Apr-2006	198
May-2006	197
Jun-2006	196
Jul-2006	196
Aug-2006	195
Sep-2006	194
Oct-2006	194
Nov-2006	193
Dec-2006	192
Jan-2007	192
Feb-2007	191
Mar-2007	190
Apr-2007	190
May-2007	189
Jun-2007	188
Jul-2007	188
Aug-2007	187
Sep-2007	187
Oct-2007	186
Nov-2007	185
Dec-2007	185
Jan-2008	184
Feb-2008	183
Mar-2008	183
Apr-2008	182
May-2008	181
Jun-2008	181
Jul-2008	180
Aug-2008	180
Sep-2008	179
Oct-2008	178
Nov-2008	178
Dec-2008	177

Jicarilla Contract 155 22E

Future Production Decline Estimate (Monthly Factor .389%)

Month	Gas Volume
Jan-2009	176
Feb-2009	176
Mar-2009	175
Apr-2009	175
May-2009	174
Jun-2009	173
Jul-2009	173
Aug-2009	172
Sep-2009	172
Oct-2009	171
Nov-2009	170
Dec-2009	170
Jan-2010	169
Feb-2010	169
Mar-2010	168
Apr-2010	168
May-2010	167
Jun-2010	166
Jul-2010	166
Aug-2010	165
Sep-2010	165
Oct-2010	164
Nov-2010	164
Dec-2010	163
Jan-2011	162
Feb-2011	162
Mar-2011	161
Apr-2011	161
May-2011	160
Jun-2011	160
Jul-2011	159
Aug-2011	159
Sep-2011	158
Oct-2011	157
Nov-2011	157
Dec-2011	156

Month	Gas Volume
Jan-2012	156
Feb-2012	155
Mar-2012	155
Apr-2012	154
May-2012	154
Jun-2012	154
Jul-2012	153
Aug-2012	153
Sep-2012	152
Oct-2012	152
Nov-2012	151
Dec-2012	151
Jan-2013	150
Feb-2013	150
Mar-2013	149
Apr-2013	149
May-2013	149
Jun-2013	148
Jul-2013	148
Aug-2013	147
Sep-2013	147
Oct-2013	146
Nov-2013	146
Dec-2013	145
Jan-2014	145
Feb-2014	145
Mar-2014	144
Apr-2014	144
May-2014	143
Jun-2014	143
Jul-2014	142
Aug-2014	142
Sep-2014	142
Oct-2014	141
Nov-2014	141
Dec-2014	140

Month	Gas Volume
Jan-2015	140
Feb-2015	139
Mar-2015	139
Apr-2015	139
May-2015	138
Jun-2015	138
Jul-2015	137
Aug-2015	137
Sep-2015	137
Oct-2015	136
Nov-2015	136
Dec-2015	135
Jan-2016	135
Feb-2016	135
Mar-2016	134
Apr-2016	134
May-2016	133
Jun-2016	133
Jul-2016	133
Aug-2016	132
Sep-2016	132
Oct-2016	131
Nov-2016	131
Dec-2016	131
Jan-2017	130
Feb-2017	130
Mar-2017	129
Apr-2017	129
May-2017	129
Jun-2017	128
Jul-2017	128
Aug-2017	127
Sep-2017	127
Oct-2017	127
Nov-2017	126
Dec-2017	126

Month	Gas Volume
Jan-2018	125
Feb-2018	125
Mar-2018	124
Apr-2018	123
May-2018	123
Jun-2018	122
Jul-2018	122
Aug-2018	121
Sep-2018	120
Oct-2018	120
Nov-2018	119
Dec-2018	119
Jan-2019	118
Feb-2019	117
Mar-2019	117
Apr-2019	116
May-2019	116
Jun-2019	115
Jul-2019	115
Aug-2019	114
Sep-2019	113
Oct-2019	113
Nov-2019	112
Dec-2019	112
Jan-2020	111
Feb-2020	111
Mar-2020	110
Apr-2020	109
May-2020	109
Jun-2020	108
Jul-2020	108
Aug-2020	107
Sep-2020	107
Oct-2020	106
Nov-2020	106
Dec-2020	105

Jicarilla Contract 155 22E

Future Production Decline Estimate (Monthly Factor .389%)

Month	Gas Volume
Jan-2021	105
Feb-2021	104
Mar-2021	104
Apr-2021	103
May-2021	103
Jun-2021	102
Jul-2021	102
Aug-2021	101
Sep-2021	101
Oct-2021	100
Nov-2021	100
Dec-2021	99
Jan-2022	99
Feb-2022	98
Mar-2022	98
Apr-2022	97
May-2022	97
Jun-2022	96
Jul-2022	96
Aug-2022	95
Sep-2022	95
Oct-2022	94
Nov-2022	94
Dec-2022	93
Jan-2023	93
Feb-2023	92
Mar-2023	92
Apr-2023	91
May-2023	91
Jun-2023	90
Jul-2023	90
Aug-2023	90
Sep-2023	89
Oct-2023	89
Nov-2023	88
Dec-2023	88

Month	Gas Volume
Jan-2024	87
Feb-2024	87
Mar-2024	86
Apr-2024	86
May-2024	86
Jun-2024	85
Jul-2024	85
Aug-2024	84
Sep-2024	84
Oct-2024	83
Nov-2024	83
Dec-2024	83
Jan-2025	82
Feb-2025	82
Mar-2025	81
Apr-2025	81
May-2025	81
Jun-2025	80
Jul-2025	80
Aug-2025	79
Sep-2025	79
Oct-2025	79
Nov-2025	78
Dec-2025	78
Jan-2026	77
Feb-2026	77
Mar-2026	77
Apr-2026	76
May-2026	76
Jun-2026	76
Jul-2026	75
Aug-2026	75
Sep-2026	74
Oct-2026	74
Nov-2026	74
Dec-2026	73

Month	Gas Volume
Jan-2027	73
Feb-2027	73
Mar-2027	72
Apr-2027	72
May-2027	71
Jun-2027	71
Jul-2027	71
Aug-2027	70
Sep-2027	70
Oct-2027	70
Nov-2027	69
Dec-2027	69
Jan-2028	69
Feb-2028	68
Mar-2028	68
Apr-2028	68
May-2028	67
Jun-2028	67
Jul-2028	67
Aug-2028	66
Sep-2028	66
Oct-2028	66
Nov-2028	65
Dec-2028	65
Jan-2029	65
Feb-2029	64
Mar-2029	64
Apr-2029	64
May-2029	63
Jun-2029	63
Jul-2029	63
Aug-2029	62
Sep-2029	62
Oct-2029	62
Nov-2029	62
Dec-2029	61

Month	Gas Volume
Jan-2030	61
Feb-2030	60
Mar-2030	60
Apr-2030	60
May-2030	59
Jun-2030	59
Jul-2030	59
Aug-2030	59
Sep-2030	58
Oct-2030	58
Nov-2030	58
Dec-2030	57
Jan-2031	57
Feb-2031	57
Mar-2031	57
Apr-2031	56
May-2031	56
Jun-2031	56
Jul-2031	55
Aug-2031	55
Sep-2031	55
Oct-2031	55
Nov-2031	54
Dec-2031	54
Jan-2032	54
Feb-2032	54
Mar-2032	53
Apr-2032	53
May-2032	53
Jun-2032	52
Jul-2032	52
Aug-2032	52
Sep-2032	52
Oct-2032	51
Nov-2032	51
Dec-2032	51