

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

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-104) FOR SUCH PROPOSALS.)		WELL API NO. 30-045-24012
1. Type of Well: Oil Well ☐ Gas Well ☒ Other		5. Indicate Type of Lease STATE ☐ FEE ☐
2. Name of Operator Amoco Production Company		6. State Oil & Gas Lease No.
3. Address of Operator P.O. Box 3092 Houston, TX 77253		7. Lease Name or Unit Agreement Name: Gallegos Canyon Unit (Federal Well I-149-IND-8486 also filed on BLM Form 3160-3)
4. Well Location Unit Letter F 1700 feet from the North line and 1615 feet from the West line Section 33 Township 29N Range 12W NMPM San Juan County		8. Well No. 303
10. Elevation (Show whether DR, RKB, RT, GR, etc.) 5369'		9. Pool name or Wildcat Kutz PC West & Pinon Fruitland Sand, N

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 Pictured Cliffs & 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 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 Pinon Fruitland Sand, North and commingle production downhole with the existing Kutz Pictured Cliffs West as per the attached procedure.

The Kutz Pictured Cliffs (79680) & Pinon Fruitland Sand, North (82920) Pools are Pre-Approved for Downhole Commingling per NMOCDCASE NO. 12520, ORDER NO. R-11567 effective 04/26/2001. Although the interest owners are not identical between these two Pools, this same order, established approval for subsequent applications for the downhole commingling of production in wellbores within the Gallegos Canyon Unit without notice to the unit interest owners, therefore, no additional notification is required prior to downhole commingling approval.

Production is proposed to be allocated based on the subtraction method using the projected future decline for production from the Pictured Cliffs Pool. 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 Fruitland Sand. Attached is the future production decline estimates for the Pictured Cliffs. 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 05/18/2001
Type or print name Mary Corley Telephone No. 281-366-4491

(This space for State use)

Original Signed by STEVEN N. HAYDEN

APPROVED BY _____ TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE MAY 25 2001

Conditions of approval, if any:

DHC 412 A2

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 30-045-24012	Pool Code 82920 & 79680	Pool Name Pinon Fruitland Sand, North & Kutz Pictured Cliffs, West
Property Code 000570	Property Name Gallegos Canyon Unit	Well Number 303
OGRID No. 000778	Operator Name AMOCO PRODUCTION COMPANY	Elevation 5369'

Surface Location

UL or lot no. UNIT F	Section 33	Township 29N	Range 12W	Lot. Idn	Feet from the 1700'	North/South Line NORTH	Feet from the 1615'	East/West Line WEST	County San Juan
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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: 160		Joint or Infill		Consolidation Code		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**

	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 05/02/2001
	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>
	10-08-1979
	Date of Survey
	Signature & Seal of Professional Surveyor Fred B Kerr Jr
	Certificate No. 3950

Gallegos Canyon Unit 303

Well Work Procedure

Objective:

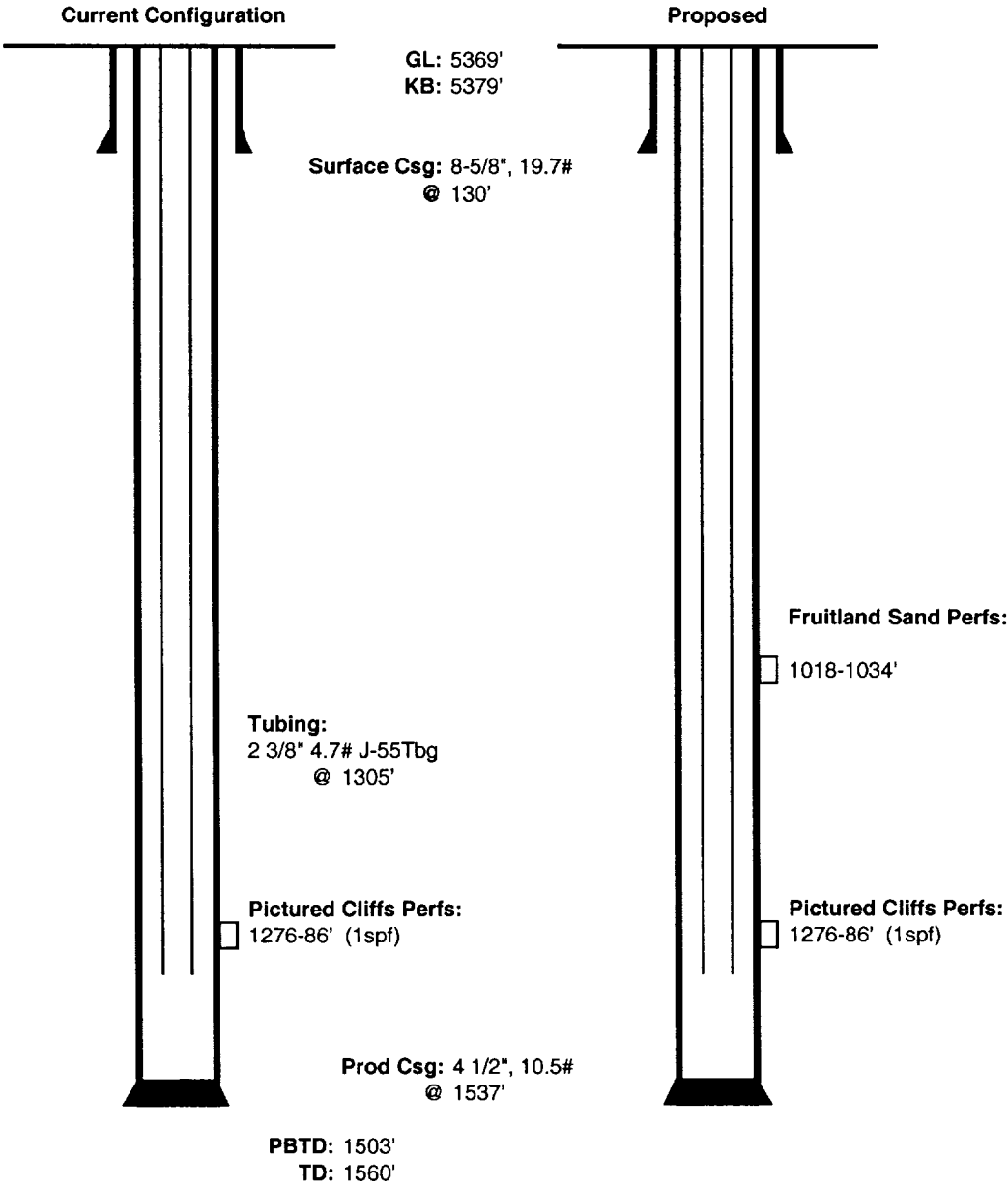
Recomplete in Fruitland Sand and downhole commingle with Pictured Cliffs.

Note: Prior to scheduling rig, confirm that surface facility modifications have been initiated.

1. Check anchors. MIRU.
2. Check and record tubing, casing and bradenhead pressures.
3. Blow down wellhead, kill if necessary with 2% KCL water.
4. POOH w/rods and pump. Nipple down wellhead, nipple up and pressure test BOP.
5. Tag for fill. Tally out of hole with tubing. Visually inspect. Replace tubing as required.
6. RIH with bit and scraper. Clean out to PBTD as necessary.
7. Set CIBP via tubing at approximately 1200'. Load hole with 2%KCL and pressure test to 500#.
8. Run CBL/GR/CCL across Fruitland Sand interval to verify zonal isolation. Fax results to John Papageorge @ 281-366-7099.
10. Perforate the following interval with 4JSPF, 120 deg. phasing: **FRLD Sand 1018-1034'**.
11. RU frac equipment and install WH isolation tool. Fracture stimulate down casing according to schedule 'A'.
12. Flow back frac load until well dies.
13. RIH with bit and tubing. Clean out fill. Drill out CIBP to commingle with PC.
14. TIH with 2 3/8" tbg, rods, and pump. Land 1 joint below PC perforations.
15. RDMO. Hook up to pumping unit and well head compressor.
16. Pump to recover load and test.

GCU #303
Wellbore Diagram

1700' FNL x 1615' FWL
Sec. 33, T29N, R12W
San Juan Co., NM



Gallegos Canyon Unit 303

Future Production Decline Estimate

(Monthly Factor .339%)

$\ln(Q_f/Q_i) = -dt$
 $Q_i = 191$ MCFD (07/2000)
 $Q_f = 187$ MCFD (12/2000)
 $t = 6$ months (.41666 yrs)
 $d = 0.32$ annual decline
 0.027 monthly decline (0.32/12)

Corrected Volumes

$187/191 = 0.97905$
 $.97905 * .41666 = .40793$
 0.033994167

Month	Gas Volume
Jan-2000	30
Feb-2000	35
Mar-2000	197
Apr-2000	220
May-2000	217
Jun-2000	207
Jul-2000	191
Aug-2000	197
Sep-2000	185
Oct-2000	166
Nov-2000	157
Dec-2000	187
Jan-2001	188
Feb-2001	190
Mar-2001	184
Apr-2001	180
May-2001	180
Jun-2001	179
Jul-2001	179
Aug-2001	178
Sep-2001	178
Oct-2001	177
Nov-2001	177
Dec-2001	176
Jan-2002	176
Feb-2002	175
Mar-2002	175
Apr-2002	174
May-2002	174
Jun-2002	173
Jul-2002	173
Aug-2002	173
Sep-2002	172
Oct-2002	172
Nov-2002	171
Dec-2002	171

Month	Gas Volume
Jan-2003	170
Feb-2003	170
Mar-2003	169
Apr-2003	169
May-2003	168
Jun-2003	168
Jul-2003	168
Aug-2003	167
Sep-2003	167
Oct-2003	166
Nov-2003	166
Dec-2003	165
Jan-2004	165
Feb-2004	165
Mar-2004	164
Apr-2004	164
May-2004	163
Jun-2004	163
Jul-2004	162
Aug-2004	162
Sep-2004	162
Oct-2004	161
Nov-2004	161
Dec-2004	160
Jan-2005	160
Feb-2005	159
Mar-2005	159
Apr-2005	159
May-2005	158
Jun-2005	158
Jul-2005	157
Aug-2005	157
Sep-2005	157
Oct-2005	156
Nov-2005	156
Dec-2005	155

Month	Gas Volume
Jan-2006	155
Feb-2006	154
Mar-2006	154
Apr-2006	153
May-2006	153
Jun-2006	152
Jul-2006	152
Aug-2006	151
Sep-2006	150
Oct-2006	150
Nov-2006	149
Dec-2006	149
Jan-2007	148
Feb-2007	148
Mar-2007	147
Apr-2007	147
May-2007	146
Jun-2007	146
Jul-2007	145
Aug-2007	145
Sep-2007	144
Oct-2007	144
Nov-2007	143
Dec-2007	143
Jan-2008	142
Feb-2008	142
Mar-2008	141
Apr-2008	141
May-2008	140
Jun-2008	140
Jul-2008	139
Aug-2008	139
Sep-2008	138
Oct-2008	138
Nov-2008	138
Dec-2008	137

Gallegos Canyon Unit 303
Future Production Decline Estimate
(Monthly Factor .339%)

Month	Gas Volume
Jan-2009	137
Feb-2009	136
Mar-2009	136
Apr-2009	135
May-2009	135
Jun-2009	134
Jul-2009	134
Aug-2009	133
Sep-2009	133
Oct-2009	132
Nov-2009	132
Dec-2009	131
Jan-2010	131
Feb-2010	131
Mar-2010	130
Apr-2010	130
May-2010	129
Jun-2010	129
Jul-2010	128
Aug-2010	128
Sep-2010	127
Oct-2010	127
Nov-2010	127
Dec-2010	126
Jan-2011	126
Feb-2011	125
Mar-2011	125
Apr-2011	124
May-2011	124
Jun-2011	124
Jul-2011	123
Aug-2011	123
Sep-2011	122
Oct-2011	122
Nov-2011	121
Dec-2011	121

Month	Gas Volume
Jan-2012	121
Feb-2012	120
Mar-2012	120
Apr-2012	120
May-2012	119
Jun-2012	119
Jul-2012	119
Aug-2012	118
Sep-2012	118
Oct-2012	117
Nov-2012	117
Dec-2012	117
Jan-2013	116
Feb-2013	116
Mar-2013	116
Apr-2013	115
May-2013	115
Jun-2013	115
Jul-2013	114
Aug-2013	114
Sep-2013	114
Oct-2013	113
Nov-2013	113
Dec-2013	113
Jan-2014	112
Feb-2014	112
Mar-2014	112
Apr-2014	111
May-2014	111
Jun-2014	111
Jul-2014	110
Aug-2014	110
Sep-2014	110
Oct-2014	109
Nov-2014	109
Dec-2014	109

Month	Gas Volume
Jan-2015	108
Feb-2015	108
Mar-2015	108
Apr-2015	107
May-2015	107
Jun-2015	107
Jul-2015	106
Aug-2015	106
Sep-2015	106
Oct-2015	105
Nov-2015	105
Dec-2015	105
Jan-2016	104
Feb-2016	104
Mar-2016	104
Apr-2016	104
May-2016	103
Jun-2016	103
Jul-2016	103
Aug-2016	102
Sep-2016	102
Oct-2016	102
Nov-2016	101
Dec-2016	101
Jan-2017	101
Feb-2017	100
Mar-2017	100
Apr-2017	100
May-2017	100
Jun-2017	99
Jul-2017	99
Aug-2017	99
Sep-2017	98
Oct-2017	98
Nov-2017	98
Dec-2017	97

Month	Gas Volume
Jan-2018	97
Feb-2018	97
Mar-2018	96
Apr-2018	96
May-2018	95
Jun-2018	95
Jul-2018	94
Aug-2018	94
Sep-2018	93
Oct-2018	93
Nov-2018	92
Dec-2018	92
Jan-2019	91
Feb-2019	91
Mar-2019	90
Apr-2019	90
May-2019	90
Jun-2019	89
Jul-2019	89
Aug-2019	88
Sep-2019	88
Oct-2019	87
Nov-2019	87
Dec-2019	86
Jan-2020	86
Feb-2020	86
Mar-2020	85
Apr-2020	85
May-2020	84
Jun-2020	84
Jul-2020	83
Aug-2020	83
Sep-2020	83
Oct-2020	82
Nov-2020	82
Dec-2020	81

Gallegos Canyon Unit 303

Future Production Decline Estimate

(Monthly Factor .339%)

Month	Gas Volume
Jan-2021	81
Feb-2021	81
Mar-2021	80
Apr-2021	80
May-2021	79
Jun-2021	79
Jul-2021	79
Aug-2021	78
Sep-2021	78
Oct-2021	77
Nov-2021	77
Dec-2021	77
Jan-2022	76
Feb-2022	76
Mar-2022	75
Apr-2022	75
May-2022	75
Jun-2022	74
Jul-2022	74
Aug-2022	74
Sep-2022	73
Oct-2022	73
Nov-2022	73
Dec-2022	72
Jan-2023	72
Feb-2023	71
Mar-2023	71
Apr-2023	71
May-2023	70
Jun-2023	70
Jul-2023	70
Aug-2023	69
Sep-2023	69
Oct-2023	69
Nov-2023	68
Dec-2023	68

Month	Gas Volume
Jan-2024	68
Feb-2024	67
Mar-2024	67
Apr-2024	67
May-2024	66
Jun-2024	66
Jul-2024	66
Aug-2024	65
Sep-2024	65
Oct-2024	65
Nov-2024	64
Dec-2024	64
Jan-2025	64
Feb-2025	63
Mar-2025	63
Apr-2025	63
May-2025	62
Jun-2025	62
Jul-2025	62
Aug-2025	61
Sep-2025	61
Oct-2025	61
Nov-2025	61
Dec-2025	60
Jan-2026	60
Feb-2026	60
Mar-2026	59
Apr-2026	59
May-2026	59
Jun-2026	58
Jul-2026	58
Aug-2026	58
Sep-2026	58
Oct-2026	57
Nov-2026	57
Dec-2026	57

Month	Gas Volume
Jan-2027	56
Feb-2027	56
Mar-2027	56
Apr-2027	56
May-2027	55
Jun-2027	55
Jul-2027	55
Aug-2027	54
Sep-2027	54
Oct-2027	54
Nov-2027	54
Dec-2027	53
Jan-2028	53
Feb-2028	53
Mar-2028	53
Apr-2028	52
May-2028	52
Jun-2028	52
Jul-2028	52
Aug-2028	51
Sep-2028	51
Oct-2028	51
Nov-2028	51
Dec-2028	50
Jan-2029	50
Feb-2029	50
Mar-2029	50
Apr-2029	49
May-2029	49
Jun-2029	49
Jul-2029	49
Aug-2029	48
Sep-2029	48
Oct-2029	48
Nov-2029	48
Dec-2029	47

Month	Gas Volume
Jan-2030	47
Feb-2030	47
Mar-2030	46
Apr-2030	46
May-2030	46
Jun-2030	46
Jul-2030	46
Aug-2030	45
Sep-2030	45
Oct-2030	45
Nov-2030	45
Dec-2030	44
Jan-2031	44
Feb-2031	44
Mar-2031	44
Apr-2031	44
May-2031	43
Jun-2031	43
Jul-2031	43
Aug-2031	43
Sep-2031	42
Oct-2031	42
Nov-2031	42
Dec-2031	42
Jan-2032	42
Feb-2032	41
Mar-2032	41
Apr-2032	41
May-2032	41
Jun-2032	41
Jul-2032	40
Aug-2032	40
Sep-2032	40
Oct-2032	40
Nov-2032	40
Dec-2032	39