

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

Form C-103
Revised March 25, 1999

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-045-26119
5. Indicate Type of Lease STATE ☐ FEE ☒
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name: Gallegos Canyon Unit
8. Well No. 340
9. Pool name or Wildcat N. Pinon Fruitland Sand/Kutz PC West

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 Attn: **Mary Corley**

3. Address of Operator
P.O. Box 3092 Houston, TX 77253

4. Well Location

Unit Letter **E** **1370** feet from the **North** line and **475** feet from the **West** line

Section **24** Township **29N** Range **13W** NMPM **San Juan** County

10. Elevation (Show whether DR, RKB, RT, GR, etc.)
5335'

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: Recomplete into Pictured Cliffs & DHC ☒	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 recomplete the subject well into the Kutz Pictured Cliffs West Pool and commingle production downhole with the existing N. Pinon Fruitland Sand Pool as per the attached procedure. The N. Pinon Fruitland Sand (82920) & the Kutz Pictured Cliffs West (79680) Pools are Pre-Approved for Downhole Commingling per NMOCDC 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 Fruitland Sand. 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 Pictured Cliffs. Attached is the future production decline estimates for the Fruitland Sand. 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)

APPROVED BY STEVEN N. HAYDEN TITLE DEPUTY OIL & GAS INSPECTOR, DIST. 4 DATE JUN 13 2001
Conditions of approval, if any:

1741 4.35 AZ K

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 30-045-26119	Pool Code 82920 & 79680	Pool Name Pinon Fruitland Sand, North & Kutz Pictured Cliffs, West
Property Code 000570	Property Name Gallegos Canyon Unit	Well Number 340
OGRID No. 000778	Operator Name AMOCO PRODUCTION COMPANY	Elevation 5335'

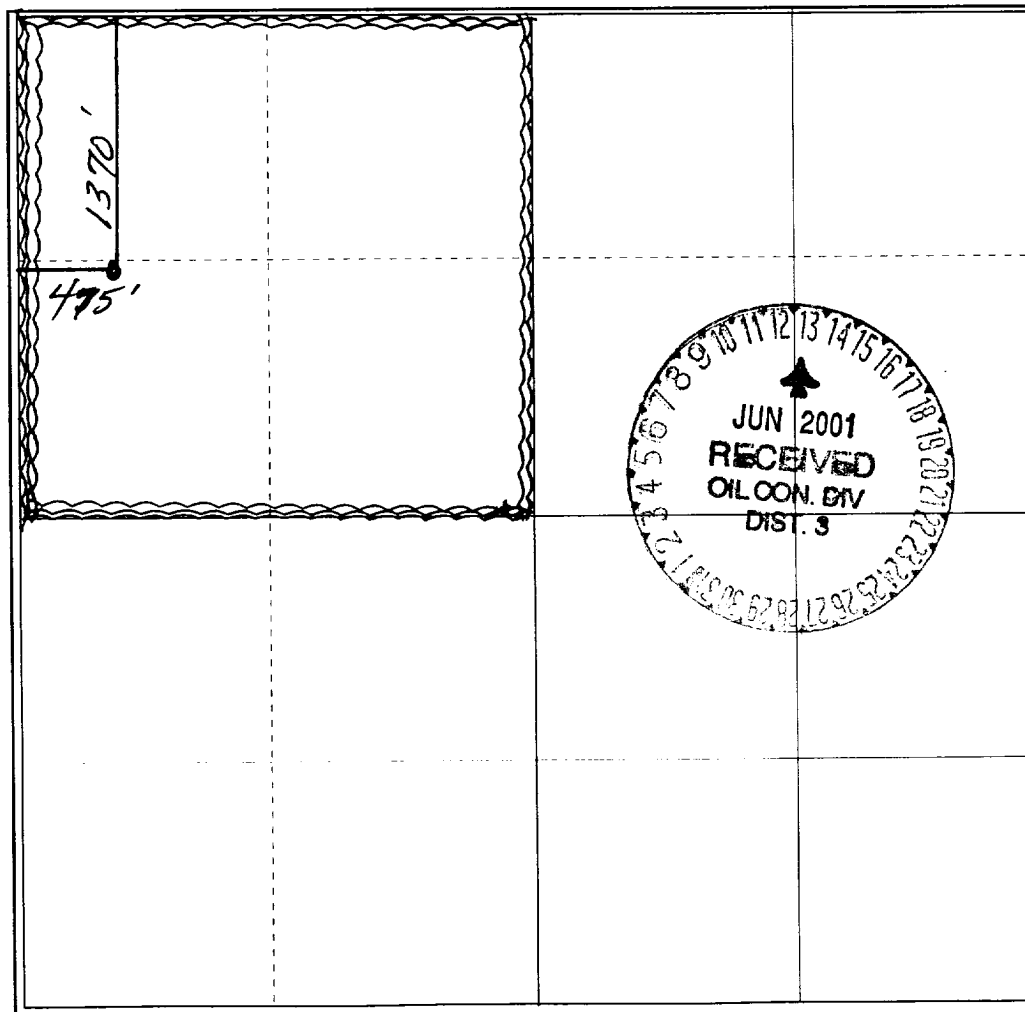
Surface Location

UL or lot no. UNIT E	Section 24	Township 29N	Range 13W	Lot. Idn	Feet from the 1370'	North/South Line NORTH	Feet from the 475'	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 340

Well Work Procedure

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. Nipple down wellhead, nipple up and pressure test BOP.
5. Tag PBTD. Tally out of hole and LD tubing.
6. RIH with bit and drill collars. Drill out CIBP and push to bottom below existing PC perfs.
7. TIH and land 2 3/8" tubing in PC perforations at 1220'. Attempt to swab in well and test. Additional stimulation may be designed as necessary.
8. RDMO. Hook up to pumping unit and well head compressor.
9. Pump to unload and test.

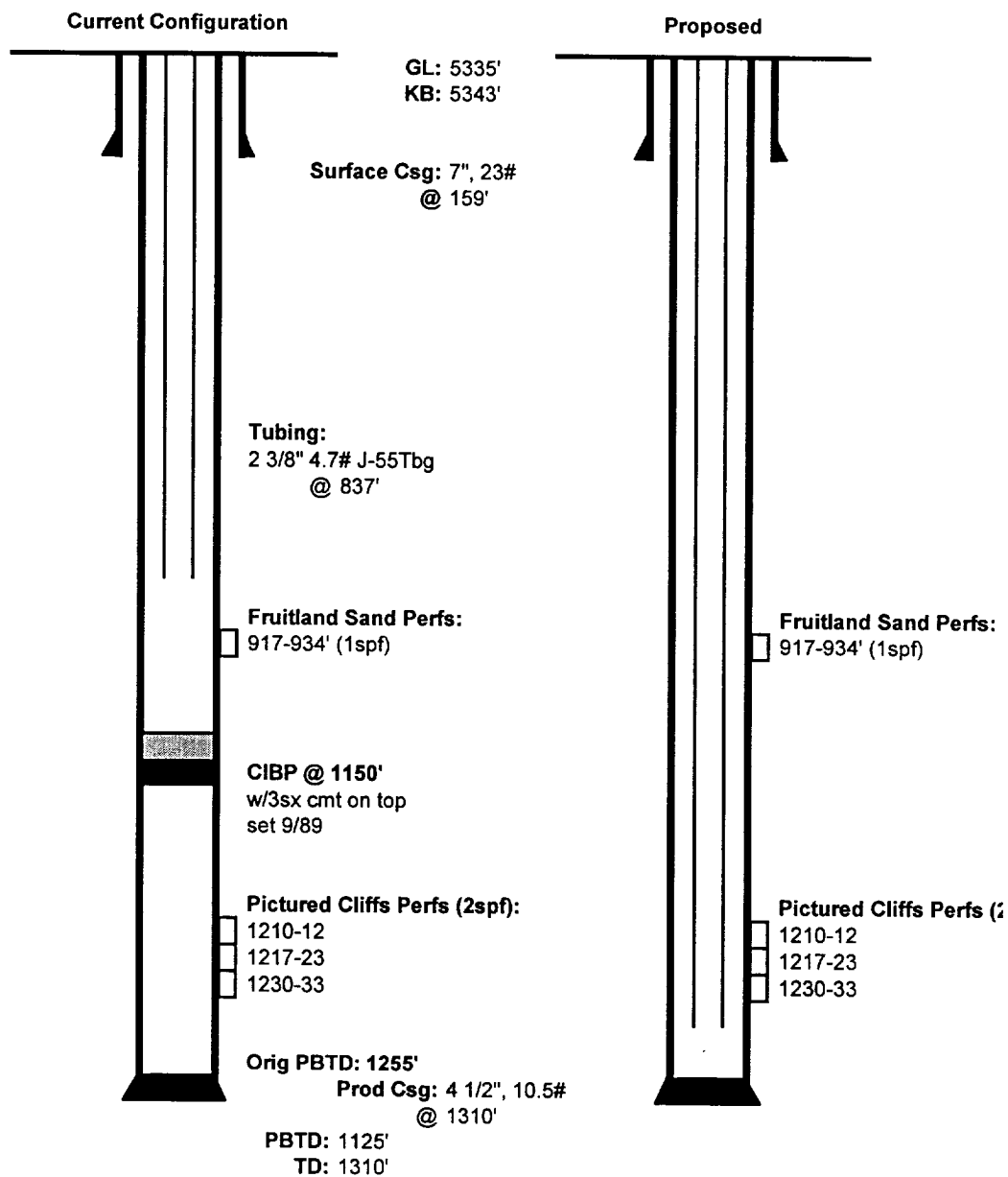
GCU #340

Wellbore Diagram

1370' FNL x 475' FWL

Sec. 24, T29N, R13W

San Juan Co., NM



Gallegos Canyon Unit 340
Future Production Decline Estimate Fruitland Sand
(Monthly Factor .329%)

$\ln(Q_f/Q_i) = -dt$
 $Q_i = 77$ MCFD (08/2000)
 $Q_f = 73$ MCFD (01/2001)
 $t = 5$ months (.41666 yrs)
 $d = 0.32$ annual decline
 0.027 monthly decline (0.32/12)

Corrected Volumes
 $73/77 = 0.948052$
 $.94 * .41666 = .39502$
 0.032918333

Month	Gas Volume
Jan-2000	79
Feb-2000	81
Mar-2000	81
Apr-2000	80
May-2000	82
Jun-2000	72
Jul-2000	76
Aug-2000	77
Sep-2000	80
Oct-2000	75
Nov-2000	79
Dec-2000	79
Jan-2001	73
Feb-2001	79
Mar-2001	74
Apr-2001	77
May-2001	77
Jun-2001	77
Jul-2001	76
Aug-2001	76
Sep-2001	76
Oct-2001	76
Nov-2001	76
Dec-2001	75
Jan-2002	75
Feb-2002	75
Mar-2002	75
Apr-2002	75
May-2002	74
Jun-2002	74
Jul-2002	74
Aug-2002	74
Sep-2002	74
Oct-2002	73
Nov-2002	73
Dec-2002	73

Month	Gas Volume
Jan-2003	73
Feb-2003	73
Mar-2003	72
Apr-2003	72
May-2003	72
Jun-2003	72
Jul-2003	72
Aug-2003	72
Sep-2003	71
Oct-2003	71
Nov-2003	71
Dec-2003	71
Jan-2004	71
Feb-2004	70
Mar-2004	70
Apr-2004	70
May-2004	70
Jun-2004	70
Jul-2004	69
Aug-2004	69
Sep-2004	69
Oct-2004	69
Nov-2004	69
Dec-2004	69
Jan-2005	68
Feb-2005	68
Mar-2005	68
Apr-2005	68
May-2005	68
Jun-2005	68
Jul-2005	67
Aug-2005	67
Sep-2005	67
Oct-2005	67
Nov-2005	67
Dec-2005	66

Month	Gas Volume
Jan-2006	66
Feb-2006	66
Mar-2006	66
Apr-2006	65
May-2006	65
Jun-2006	65
Jul-2006	65
Aug-2006	65
Sep-2006	64
Oct-2006	64
Nov-2006	64
Dec-2006	64
Jan-2007	63
Feb-2007	63
Mar-2007	63
Apr-2007	63
May-2007	63
Jun-2007	62
Jul-2007	62
Aug-2007	62
Sep-2007	62
Oct-2007	62
Nov-2007	61
Dec-2007	61
Jan-2008	61
Feb-2008	61
Mar-2008	60
Apr-2008	60
May-2008	60
Jun-2008	60
Jul-2008	60
Aug-2008	59
Sep-2008	59
Oct-2008	59
Nov-2008	59
Dec-2008	59

Gallegos Canyon Unit 340
Future Production Decline Estimate Fruitland Sand
(Monthly Factor .329%)

Month	Gas Volume
Jan-2009	58
Feb-2009	58
Mar-2009	58
Apr-2009	58
May-2009	58
Jun-2009	57
Jul-2009	57
Aug-2009	57
Sep-2009	57
Oct-2009	57
Nov-2009	56
Dec-2009	56
Jan-2010	56
Feb-2010	56
Mar-2010	56
Apr-2010	55
May-2010	55
Jun-2010	55
Jul-2010	55
Aug-2010	55
Sep-2010	55
Oct-2010	54
Nov-2010	54
Dec-2010	54
Jan-2011	54
Feb-2011	54
Mar-2011	53
Apr-2011	53
May-2011	53
Jun-2011	53
Jul-2011	53
Aug-2011	52
Sep-2011	52
Oct-2011	52
Nov-2011	52
Dec-2011	52

Month	Gas Volume
Jan-2012	52
Feb-2012	51
Mar-2012	51
Apr-2012	51
May-2012	51
Jun-2012	51
Jul-2012	51
Aug-2012	51
Sep-2012	50
Oct-2012	50
Nov-2012	50
Dec-2012	50
Jan-2013	50
Feb-2013	50
Mar-2013	49
Apr-2013	49
May-2013	49
Jun-2013	49
Jul-2013	49
Aug-2013	49
Sep-2013	49
Oct-2013	48
Nov-2013	48
Dec-2013	48
Jan-2014	48
Feb-2014	48
Mar-2014	48
Apr-2014	48
May-2014	47
Jun-2014	47
Jul-2014	47
Aug-2014	47
Sep-2014	47
Oct-2014	47
Nov-2014	47
Dec-2014	46

Month	Gas Volume
Jan-2015	46
Feb-2015	46
Mar-2015	46
Apr-2015	46
May-2015	46
Jun-2015	46
Jul-2015	45
Aug-2015	45
Sep-2015	45
Oct-2015	45
Nov-2015	45
Dec-2015	45
Jan-2016	45
Feb-2016	45
Mar-2016	44
Apr-2016	44
May-2016	44
Jun-2016	44
Jul-2016	44
Aug-2016	44
Sep-2016	44
Oct-2016	43
Nov-2016	43
Dec-2016	43
Jan-2017	43
Feb-2017	43
Mar-2017	43
Apr-2017	43
May-2017	43
Jun-2017	42
Jul-2017	42
Aug-2017	42
Sep-2017	42
Oct-2017	42
Nov-2017	42
Dec-2017	42

Month	Gas Volume
Jan-2018	41
Feb-2018	41
Mar-2018	41
Apr-2018	41
May-2018	41
Jun-2018	40
Jul-2018	40
Aug-2018	40
Sep-2018	40
Oct-2018	40
Nov-2018	39
Dec-2018	39
Jan-2019	39
Feb-2019	39
Mar-2019	39
Apr-2019	38
May-2019	38
Jun-2019	38
Jul-2019	38
Aug-2019	38
Sep-2019	38
Oct-2019	37
Nov-2019	37
Dec-2019	37
Jan-2020	37
Feb-2020	37
Mar-2020	36
Apr-2020	36
May-2020	36
Jun-2020	36
Jul-2020	36
Aug-2020	36
Sep-2020	35
Oct-2020	35
Nov-2020	35
Dec-2020	35

Gallegos Canyon Unit 340
Future Production Decline Estimate Fruitland Sand
(Monthly Factor .329%)

Month	Gas Volume
Jan-2021	35
Feb-2021	34
Mar-2021	34
Apr-2021	34
May-2021	34
Jun-2021	34
Jul-2021	34
Aug-2021	33
Sep-2021	33
Oct-2021	33
Nov-2021	33
Dec-2021	33
Jan-2022	33
Feb-2022	32
Mar-2022	32
Apr-2022	32
May-2022	32
Jun-2022	32
Jul-2022	32
Aug-2022	31
Sep-2022	31
Oct-2022	31
Nov-2022	31
Dec-2022	31
Jan-2023	31
Feb-2023	31
Mar-2023	30
Apr-2023	30
May-2023	30
Jun-2023	30
Jul-2023	30
Aug-2023	30
Sep-2023	30
Oct-2023	29
Nov-2023	29
Dec-2023	29

Month	Gas Volume
Jan-2024	29
Feb-2024	29
Mar-2024	29
Apr-2024	28
May-2024	28
Jun-2024	28
Jul-2024	28
Aug-2024	28
Sep-2024	28
Oct-2024	28
Nov-2024	28
Dec-2024	27
Jan-2025	27
Feb-2025	27
Mar-2025	27
Apr-2025	27
May-2025	27
Jun-2025	27
Jul-2025	26
Aug-2025	26
Sep-2025	26
Oct-2025	26
Nov-2025	26
Dec-2025	26
Jan-2026	26
Feb-2026	26
Mar-2026	25
Apr-2026	25
May-2026	25
Jun-2026	25
Jul-2026	25
Aug-2026	25
Sep-2026	25
Oct-2026	25
Nov-2026	24
Dec-2026	24

Month	Gas Volume
Jan-2027	24
Feb-2027	24
Mar-2027	24
Apr-2027	24
May-2027	24
Jun-2027	24
Jul-2027	23
Aug-2027	23
Sep-2027	23
Oct-2027	23
Nov-2027	23
Dec-2027	23
Jan-2028	23
Feb-2028	23
Mar-2028	23
Apr-2028	22
May-2028	22
Jun-2028	22
Jul-2028	22
Aug-2028	22
Sep-2028	22
Oct-2028	22
Nov-2028	22
Dec-2028	22
Jan-2029	21
Feb-2029	21
Mar-2029	21
Apr-2029	21
May-2029	21
Jun-2029	21
Jul-2029	21
Aug-2029	21
Sep-2029	21
Oct-2029	20
Nov-2029	20
Dec-2029	20

Month	Gas Volume
Jan-2030	20
Feb-2030	20
Mar-2030	20
Apr-2030	20
May-2030	20
Jun-2030	20
Jul-2030	19
Aug-2030	19
Sep-2030	19
Oct-2030	19
Nov-2030	19
Dec-2030	19
Jan-2031	19
Feb-2031	19
Mar-2031	19
Apr-2031	19
May-2031	19
Jun-2031	18
Jul-2031	18
Aug-2031	18
Sep-2031	18
Oct-2031	18
Nov-2031	18
Dec-2031	18
Jan-2032	18
Feb-2032	18
Mar-2032	18
Apr-2032	18
May-2032	17
Jun-2032	17
Jul-2032	17
Aug-2032	17
Sep-2032	17
Oct-2032	17
Nov-2032	17
Dec-2032	17