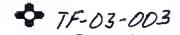
## State of New Mexico



ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION



		949 Pachece St	1.				
FOR DIVISION	Santa	Fe, NM 87505	Nr.	5A. Indicate Type of Lease			
USE ONLY:	APPLICATION FOR WELLHEAD PRICE	CEILING CATEGORY DET	ERMINATION	STATE FEE X			
APPROPIATE FILI	NG FEE(S) ENCLOSED? YES NO	0	- FILING FEE(S) -	5. State Oil & Gas Lease No.			
DATE COMPLETE	APPLICATION FILED January 2, 20	03	Effective October 1, 1986,				
DATE DETERMIN		2	a non-refundable filing fee of \$25.00 per category for each				
WAS APPLICATIO	ON CONTESTED? YES NO		pplication is mandatory. (Rule 2, Order No. R-5878-8-3	7. Unit Agreement Name			
NAME(S) OF INTE	RVENORS(S), IF ANY:		2, Order No. R-38/8-8-3	8. Farm or Lease Name Sammons Gas Com C			
2. Name of Operator				9. Well No.			
BP America Production	on Company			1E			
Address of Operator	SI SAINSAIN			10. Field and Pool, or Wildcat			
P.O. Box 3092	Houston, TX 77253			Blanco Mesaverde			
4. Location of Well	UNIT LETTER P LOCATED 315	FEET FROM THE S	OUTH_ LINE	12. County			
AND 865			09W NMPM	San Juan			
AND 805		WS. <u>2314</u> RGE.	O311 NMPM	Sair odaii			
El Paso Field Servi							
El Paso Field Servi	Ces	1	PI No. 30-045-	74282			
	Check appropriate box for category sought and in	•					
		i		•			
	1. Category(ies) sought (By NGPA Section No.)						
	2. Filing Fee(s) Amount Enclosed: \$ 25.00	<del></del>					
	3. All applications must contain:	DAUT TO DRILL DE	EDENI OD DI LIO DA OV				
	a. C-101 APPLICATION FOR PE						
	b. C-105 WELL COMPLETION C						
	c. DIRECTIONAL DRILLING SU		O UNDER RULE III				
	d. AFFIDAVITS OF MAILING O		dead books and books mile				
	<ol> <li>In addition to the above, all applications must of the Division's "Special Reules of Applications</li> </ol>	_					
	Determinations" as follows:	s for wellifead i fice C	ening Category				
		AS UNDER SEC. 102	(c) (1) (B) (using 2.5 Mile	or 1000 Feet Deeper Test)			
		by Rule 14 (1) and/or I	· · · · · · · · · · · · · · ·	,			
		•	(c) (1) (C) (new onshore re	eservoir)			
-4	All items required b						
7 0	C NEW ONSHORE PR	ODUCTION WELL UNDER SEC. 103 by Rule 16a OR Rule 16B					
	All items required b						
	All items required to D. SEC. 107 HIGH COS PRODUCTION ENHAN  All items required	ST NATURAL GAS (T	IGHT FORMATION, DEE	P. COAL SEAM, AND			
MAL II	PRODUCTION ENHAN						
Land Market	X All items required	by Rule 17 (1), Rule 1	7 (2), Rule 17 (4), or Rule	17 (5)			
100	E. STRIPPER WELL N	ATURAL GAS UNDE	R SEC. 108				
	All items required b	by Rule 18					
Wite a							
	THAT THE INFORMATION CONTAINED		FOR DIVISION USE O	DNLY			
KNOWLEDGE AND	ND COMPLETE TO THE BEST OF MY	Approved					
Idio Welde And							
	Mary Corley	Disapprov	red				
NAME	OF APPLICANT (TYPE OR PRINT)	m c		11 - 6 - 1 - 6			
VIII	in Shelle		//	Il of the information required			
	y willy	<b>-</b>	pplicant ander Subpart 8	of Part 2/4 of the FERC			
- //	IGNATURE OF APPLICANT	regulation	11/16/11				
Title Senior Regulat			ather Step				
Date December 1	18, 2002		EXAMINER				

	E NGPA WELL CATEGORY DETERMINATION IS BEING SOUGHT FOR A WELL UCING:
	A1 occluded natural gas from coal seams.  A2 natural gas from Devonian shale.  A3 _X natural gas from a designated tight formation.
B. FO	R ALL APPLICATIONS FOR DETERMINATION PROVIDE THE FOLLOWING:
1,	Well Name and No.* Sammons Gas Com C #1E
2.	Completed in (Name of Reservoir) * Mesaverde
3.	Field * Blanco Mesaverde
4.	County * San Juan
5.	State * New Mexico
6.	API Well No. (14 digits maximum. If not assigned, leave blank.) 30-045-24282
9.	Measured Depth of the Completed Interval (in feet) TOP 3733' BASE 4660'
	PPLICANT'S MAILING ADDRESS AND THE IDENTITY OF THE PERSON WHO IS ONSIBLE FOR APPLICATION:
1.	Applicant's Name * BP America Production Company
2.	Street * 501 Westlake Park BLVD
3.	City * Houston
4.	State* Texas 5. Zip Code 77079
6.	Name of Person Responsible * Mary Corley
7.	Title of Such Person * Senior Regulatory Analyst
8.	Signature May (Orly and Phone No. (281) 366 - 4491
*	SIGNIFIES THAT LINE ENTRY MAY CONTAIN UP TO 35 LETTERS AND/OR NUMBERS.

# APPLICATION FOR WELL CATEGORY DETERMINATION PUSUANT TO SECTION 270 OF THE FEDERAL ENERGY REGULATORY COMMISSION 'S REGULATIONS IMPLEMENTING THE NATURAL GAS POLICY ACT OF 1978 (NGPA)

# AFFIDAVIT TIGHT FORMATION GAS

#### STATE OF TEXAS COUNTY OF HARRIS

BEFORE ME, the undersigned authority, duly commissioned and qualified within and for the State and County aforesaid, personally came and appeared Mary Corley, who being by me first duly sworn, deposed and said:

That she is the Senior Regulatory Analyst for BP America Production Company, the applicant for the well hereinafter described, and that capacity, she is requesting the appropriate Authorized Officer to make a determine that this well is producing from a tight formation pursuant to the rules and regulations of the Bureau of Land Management and the Federal Energy Regulatory Commission (FERC), as such rules relate to NGPA.

That production from the Sammons Gas Com C well # 1E, API No. 30-045-24282 is natural gas produced from a FERC designated tight formation, assigned State No. NM – 48 through:

	a well the surface drilling of which began after December 31, 1979, but before January 1, 1993;
<u>X</u>	a recompletion commenced after January 1, 1993, the surface drilling of which began after December 31, 1979, but before January 1, 1993; or
	a recompletion commenced after December 31, 1979 but before January 1, 1993, where such gas could not have been produced from any completion location in existence in the well bore before January 1, 1980; and

Said applicant has no knowledge of any information not described in the application that is inconsistent with her conclusion.

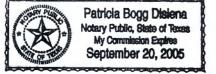
Seniol Regulatory Brialyst

Subscribed in my presence and duly sworn to before me, this 18 day of December, 2002.

Notary Public

My Commission Expires:

**BLM Affidavit** 





September 23, 2002

State of New Mexico
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Application For Well Category Determination NGPA Section 107
Sammons Gas Com C Well No. 1E – Mesaverde San Juan County, New Mexico

San Juan Business Unit

Mary Corley WL1-19.171 281-366-4491 (direct) 281-366-0700 (FAX)

P. O. Box 3092 Houston, Texas 77253-3092 501 Westlake Park Boulevard Houston, Texas 77079



Amoco Production Company is enclosing, for review and approval by the Oil Conservation Division, the original and one copy of an Application for Well Category Determination for the referenced well. Please hold the information in the filing confidential to the maximum extent allowed by law.

A copy of this letter and the FERC Form 121 has been mailed to each working interest owner entitled to receive Notice of this Application.

Please indicate receipt of this filing by date stamping the attached copy of this letter and returning the copy for our records.

Very truly yours,

Mary Corley

Sr. Regulatory Analyst

**Enclosures** 

Cc: Working Interest Owners



December 30, 2002

State of New Mexico
Oil Conservation Division
2040 Pacheco St.
Santa Fe, New Mexico 87505

Application For Well Category Determination NGPA Section 107
San Juan County, New Mexico

San Juan Performance Unit

Mary Corley WL1-19.171 281-366-4491 (direct) 281-366-0700 (FAX) corleyml@bp.com

P. O. Box 3092 Houston, Texas 77253-3092 501 Westlake Park Boulevard Houston, Texas 77079



Attached please find a check in the amount of \$50.00 payable to the State of New Mexico for NGPA Section 107 Well Category Determinations for the below listed BP America Production Company wells.

State Gas Com BF Well # 1E
Sammons Gas Com C Well # 1E

Mesaverde Pool
Mesaverde

NM - 48

NM - 48 30-045-24282

Also enclosed, for review and approval by the Oil Conservation Division, are the original and one copy of an Application for Well Category Determination for each of the referenced wells.

Very truly yours

Sr. Regulatory Analysi

**Enclosures** 



BP America Production Company 509 South Boston Tulsa, OK 74103 62-20

CHECK NO. 0800526742

12/19/02

STATE OF NEW MEXICO 2040 PACHEO ST SANTA FE, NM 87505 US

\*\*\*\*\*\*\$50.00

NOT VALID AFTER 6 MONTHS

Authorized Signature

Fifty and 00/100 Dollars

TRACE NUMBER:

2000406307

CITIBANK DELAWARE. A SUBSIDIARY OF CITICORP ONE PENN'S WAY, NEW CASTLE, DE 19720

#OBOOS26742# #O31100209#

39116481

# PO Box 1980, Hobbs, NM 88241-1980

District II

811 South First, Artesia, NM 88210

District III

I.

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

rom C-104 Revised October 18, 1994 Instructions on back Submit to Appropriate District Office

L CONSERVATION DIVISION	( ) .
2040 South Pacheco	
Santa Fe, NM 87505	

	AMENDED	REPORT
--	---------	--------

2040 South Pacheco, San						_
I.	REQUEST FOR	ALLOWABLE	AND A	<b>AUTHORIZ</b>	ATION TO	TRANSPORT

	Operator name and Address  AMOCO PRODUCTION COMPANY	OGRID Number 000778		
P.O. BOX 3092 ATTN: MARY CORLEY Rm. 2.537		<sup>3</sup> Reason for Filing Code		
HOUSTON, TX 77253		Recompletion		
<sup>4</sup> API Number <sup>3</sup> Pool Name		<sup>6</sup> Pool Code		
30 - 045-24282 BLANCO MESAVERDE		72319		
<sup>7</sup> Property Code	<sup>8</sup> Property Name	9 Well Number		
001005	Sammons Gas Com C	1E		

#### <sup>10</sup> Surface Location Π.

Ul or lot no.	Section	Township	Range	Lot.Idn	Feet from the	North/South Line	Feet from the	East/West line	County
P	7	29N	9W		315'	South	865'	East	SAN JUAN

# 11 Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
13 Lee Code Fee	13 Producin	g Method Code F	14 Gas	Connection Date	<sup>13</sup> C-129 Permi	t Number	<sup>16</sup> C-129 Effective D	ate 17 C-	129 Expiration Date

# III. Oil and Gas Transporters

Transporter OGRID	<sup>19</sup> Transporter Name and Address	<sup>30</sup> POD	31 O/G	21 POD ULSTR Location and Description
151618	EL PASO FIELD SERVICES P.O. BOX 4490 FARMINGTON, NM 87499	2826193	G	
9018	GIANT REFINING CO P.O. BOX 12999 SCOTTSDALE, AZ 85267	2826197	O	E 1891071727
				RECEIVED S
				DIST. ON

#### IV. Produced Water

2826194

<sup>24</sup> POD ULSTR Location and Description

# V. Well Completion Data

<sup>25</sup> Spud Date 05/01/1980	<sup>26</sup> Ready Date 08/06/2000	<sup>27</sup> TD 6663'	<sup>18</sup> PBTD 6620'	<sup>29</sup> Perforations 3733' - 4660'		
31 Hole Size	32 Casing	& Tubing Size	33 Depth Set		M Sacks Cement	
12 1/4"	9.5	7/8" 32.3#	302 2	83	300 SXS SURFACE	
8 3/4"	7	" 20#	2390'	470_SXS		
6 1/4" (PROD. LINER)	4 1/2" 10.5#		6663'		515 S XS	
TUBING		2 3/8"		6417'		

## VI. Well Test Data

15 Date New Oil	36 Gas Delivery Date	<sup>17</sup> Test Date 08/02/2000	<sup>38</sup> Test Length 6 Hrs.	136	40 Csg. Pressure 85#
41 Choke Size 3/4"	d Oil TRACE	Water TRACE	<sup>44</sup> Gas 360.5 MCF	4 AOF	4 Test Method F
and that the information given and belief. Signature:  Printed name:  MARY CO  Title:  SENIOR F  Date: 08/07/2000	REGULATORY ANALYST Phone: 281-	best of my knowledge	Approved by:  Fitle: SUPERVISO Approval Date: A	DR DISTRICT #8	VISION
<sup>48</sup> If this is a change of opera	tor fill in the OGRID number a	nd name of the previous o	perator		
Provious C	maratar Signature		Printed Name	Tid	e Date

Form C-105 Revised 1-1-89 State of New Mexico Submit to Apprepriate District Office Energy, Minerals and Natural Resources Department State Lease - 6 copies Fee Lease - 5 copies WELL API NO. OIL CONSERVATION DIVISION DISTRICT I P.O. Box 1980, Hobbs, NM 88240 30-045-24282 P.O.Box 2088 5. Indicate Type of Lease Santa Fe. New Mexico 87504 DISTRICT II P.O. Drawer DD, Artesia, NM 88210 FEE X STATE L AUG 2000 6. State Oil & Gas Lease No. 1000 Rio Brazos Rd., Aztec, NM 87410 0 WELL COMPLETION OR RECOMPLETION REPORT AND LOG 7. Lease Name or Unit Agreement Name la. Type of Well: DRY OTHER OIL WELL GAS WELL X Sammons Gas Com C b. Type of Completion: DEEPEN OTHER 8. Well No. 2. Name of Operator Attention Amoco Production Company Mary Corley 9. Pool name or Wildcat 3. Address of Operator (281) 366-4491 Blanco Mesaverde P.O. Box 3092 Houston, TX 77450 4. Well Location South East 315 Feet From The Line Line and Feet From The Unit Letter **NMPM** County Range San Juan Township 29N Section 13. Elevations (DF & RKB, RT, GR, etc.) 14. Elev. Casinghead 12. Date Compl. (Ready to Prod.) 11. Date T.D. Reached 10. Date Spudded 5549 08-06-88 2000 05-09-80 05-01-80 Rotary Tools Cable Tools 17. If Multiple Compl. How Many Zones? 18. Intervals Drilled By 16. Plug Back T.D. 15. Total Depth YES NO 6620 20. Was Directional Survey Made 19. Producing Interval(s), of this completion - Top, Bottom, Name 3733'- 1668 4660 21. Type Electric and Other Logs Run
CBL, GR, CCL 22. Was Well Cored 23. CASING RECORD (Report all strings set in well) **CEMENTING RECORD** AMOUNT PULLED HOLE SIZE DEPTH SET **CASING SIZE** WEIGHT LB./FT. 300 SXS CLS B 12 1/4" to Surface 32.3# 308 283 9 5/8 8 3/4" 470 SXS CLS B to Surface 2390 7" 20# 6 1/4" 515 SXS 4 1/2" 10.5 6663 **TUBING RECORD** LINER RECORD 24. 25. PACKER SET **DEPTH SET** SACKS CEMENT SCREEN SIZE BOTTOM TOP SIZE 2 3/8" 6417' 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. 26. Perforation record (interval, size, and number) AMOUNT AND KIND MATERIAL USED **DEPTH INTERVAL** 1. 4310' - 4660' 2 JSPF .360 inch diameter total 44 shots 4660 4310 100.000# 16/30 Arizona Sand & N2 Foam 2. 3733' - 4085' 2 JSPF .340 inch diameter total 38 shots 3733' 4085 101,000# 16/30 Arizona Sand & N2 Foam 28. PRODUCTION Well Status (Prod. or Shut-in) Production Method (Flowing, gas lift, pumping - Size and type pump) **Date First Production** SI Howing Water - Bbl. Gas - Oil Ratio Oil - Bbl. Gas - MCF Hours Tested Choke Size Prod'n For Date of Test 360.5 Trace Choke Sige Test Period Trace Gas - MCF Oil Gravity - API - (Corr.) Water - Bbl. Calculated 24-Oil - Bbl. Flow Tubing Press. Casing Pressure Hour Rate 85# Test Witnessed By 29. Disposition of Gas (Sold, used for fuel, vented, etc.)

To Be Sold

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

08-07-2000

Date

Sr. Regulatory Analyst

Title

30. List Attachments

# **INSTRUCTIONS**

nis form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or epened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests nducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical pths shall also be reported. For multiple completions, items 25 through 29 shall be reported for each zone. The form is to be filed in intuplicate except on state land, where six copies are required. See Rule 1105.

	ATION TOPS IN CONFORMA			
Southea	stern New Mexico		orthwester	n New Mexico
Anhy	T. Canyon	T. Ojo Alamo		T. Penn. "B"
Salt	T. Strawn	T. Kirtland-Fruitland	l	T. Penn. "C"
Salt	T. Atoka	T. Pictured Cliffs		T. Penn. "D"
Yates	T Mice	T. Cliff House	3730	T. Leadville
7 Rivers		T. Menefee	3808	T. Madison
. Queen	T. Silurian	T. Point Lookout	4308	T. Elbert
Grayburg	T. Montoya	T. Mancos	4410	T. McCracken
San Andres	T. Simpson	T. Gallup		
Glorieta	T. McKee	Base Greenhorn		
. Paddock	T. Ellenburger	T. Dakota		
Blinebry	T. Gr. Wash	T. Morrison		T
.Tubb	T. Delaware Sand	T.Todilto		T
. Drinkard	T. Bone Springs			
. Abo	T	T. Wingate		
. Wolfcamp	T	T. Chinle		
. Penn	T	T. Permian		_ T
. Cisco (Bough C)	T	T. Penn "A"		T
				OIL OR GAS SANDS OR ZONES
Io. 1. from	to	No. 3, from		to
Io 2 from	to	No. 4, from		to
	IMPORTANT	WATER SANDS		
nclude data on rate of wa	ater inflow and elevation to which wa	ater rose in hole.		
lo. 1, from	to		feet	
Io 2 from	to		feet	
lo. 3, from	to		feet	
	LITHOLOGY RECORD			cessary)
Ta Thiolenger	Lithology	From To	Thickness	Lithology

From

Lithology

Thickness

In Feet

From

Thickness

In Feet

#### Sammons Gas Com C #1E RECOMPLETION & DOWNHOLE COMMINGLING SUBSEQUENT REPORT 08/07/2000

07/24/2000 MIRUSU @ 13:30 hrs. NDWH & NU BOPs TO 500#. TOH W/TBG. SDFN

07/25/2000 TIH w/CIBP & set @ 4850'. Load hole w/2% KCL WTR. RU & run CBL, GR, & CCL logs over Mesaverde interval. Good CMT Bond. RU & pressure test CSG to 2500# for 15 min. Test OK. RU & Perf Point Lookout & Lower Menefee as follows w/2 JSPF, .360 in diameter, total shots fired 44:

4310', 4330', 4338', 4345', 4355', 4370', 4375', 4385', 4392', 4405', 4438', 4450', 4470', 4500', 4528', 4538', 4550', 4575', 4600', 4615', 4635', 4660'

07/26 /2000 RU & Frac Point Lookout & Lower Menefee w/100,000# 16/30 Arizona Sand & 70 % Q Foam N2. RU & TIH w/CIBP & set @ 4200'. RU & Perf the Cliffhouse & Upper Menefee Formations as follows w/2 JSPF, .340 inch diameter, total shots fired 38:

3733', 3740', 3750', 3755', 3760', 3765', 3780', 3788', 3795', 3805', 3850', 3880', 3890', 3950', 4000', 4025', 4070', 4080', 4085'

RU & Frac the Upper Menefee & Cliffhouse w/101,000# 16/30 Arizona Sand & 70 % Q Foam N2. RU & flow back to pit thru  $\frac{1}{4}$ " choke.

07/27/2000 Continued to flow back well to C/O. Upsized choke to  $\frac{3}{4}$  % flowed back to pit. Changed choke to  $\frac{3}{4}$  % continued flowback to C/O.

07/28/2000 Continued to flow back well. RU & TIH & tag sand @ 3742'. C/O from 3742' to 4200'. TOH. TIH w/mill & install  $\frac{2}{3}$ " choke for watchman. Secure well & SDFN.

07/29/2000 Flow well to pit thru ¾" choke.

07/30/2000 Flowback well to pit on ¾" choke.

07/31/2000 TIH w/ TBG & mill & tag fill @ 4150'. C/O to 4250' & circ clean. Drill out CIBP set @ 4200'. Flowback well on  $\frac{3}{4}$ " choke to tank.

08/01/2000 Flow test well 6 hrs to tank on  $\frac{3}{4}$ " choke. 1442 MCFD gas (360.5 MCF 6 hr. duration), trace oil, trace water, SICP 530#, flowing 85#.

08/02/2000 Flow test well 6 hrs. to stabilize. Making approximately 1588 MCFD. TIH & tag fill @ 6580'. C/O to PBTD @ 6620'.

08/03/2000 Flowback well on  $\frac{3}{4}$ " choke to test tank. TIH & tag fill @ 6608'. C/O to 6620'. PU above perfs & flow well overnight.

08/04/2000 TIH with 2-3/8" production tubing and land at 6417'. ND BOP's. NU WH. Pull TBG plug. Shut well in. RDSUMO. Rig release @ 16:00 hrs.

#### District | 1625 N. French Dr., Hobbs, NM 88240 District II

811 South First, Artesia, NM 88210/

District III 1000 Rio Brazos Road, Aztec, NM 87410

District IV 2040 South Pacheco, Santa Fe, NM 87505

### State of New Mexico Energy Minerals and Natural Resources

Oil Conservation Division 2040 South Pacheco Santa Fe, NM 87505

Form C-101 Revised March 17, 1999

Submit to appropriate District Office State Lease - 6 Copies Fee Lease - 5 Copies

2040 Soudi i a				70 P.P.		NOTES TO EN		89/12		MENDED REPORT	
APPLI	CATIC		Operator Name a	nd Address	S	NTER, DE		78	OGRID Num	DD A ZONE	
		An	P. O. Box		any	f.V	PE	8 2000	000778 ⇒API Numbe	r	
			Houston, Texa			1.42	On	EIVED ON. DIV	30 - 045-24	-	
				3 11255	-	FF	DA	JV. DIV	1	7 11 27	
3 Propert	y Code <b>)1005</b>			6	<sup>5</sup> Property N Sammons Gas		3.		, °v	/ell No. 1E	
- 00	71005				<sup>7</sup> Surface L	4	(3) m	202 22 \2		IL .	
	T			1				565 35 75			
IL or lot no.	Section	Township		Lot			South line	Feet from the	East/West lir		
P	7	29N	9W		31		outh	865'	East	San Juan	
			Proposed B	ottom I	Hole Location	on If Differ	ent Fro	m Surface			
JL or lot no.	Section	Township	Range	Lot	Idn Feet fro	om the North/	South line	Feet from the	East/West lin	e County	
			Proposed Pool 1					1º Propos	sed Pool 2		
			inco Mesaverd	0							
		Dia	ilico iviesavei d								
" Work 1	Гуре Code		12 Well Type Co	de	13 Cable	e/Rotary	'	Lease Type Code	15 (	round Level Elevation	
	l a Zone		Gas  17 Proposed Dep			tary mation	<u> </u>	Private  19 Contractor		5549' 20 Spud Date	
	ultiple VO		6663'	out.		verde		Aztec		2/28/2000	
			<sup>21</sup> F	ropose	d Casing an	d Cement P	rogran	1			
Hole S	70		asing Size		g weight/foot	Setting I		Sacks of Ce	ement	Estimated TOC	
			9 5/8"		32.3#	302'		300 SXS		Surface	
12 1/4		-				2390'		470 SXS		Surface	
8 3/4'		<b>_</b>	7"		20#			515 SXS		Surface	
6 1/4'	,		4 1/2"		10.5#	6663'		515 88	72	Surface	
		-									
ne. Describ	e the blowe	out preventi Compan	on program, if any	v. Use add nission t	itional sheets if no complete th	ecessary. ne subject we	ll into tl	resent productive zo ne Mesaverde fo dure.			
I hereby cert est of my kno	•		n given above is t	rue and con	mplete to the		OIL C	ONSERVAT	ION DIV	ISION	
	4////	111/2	Wells			Approved by:	K	) (			
rinted name:	Man	Corley	The state of the s			1	EDVICE	R DISTRICT	13		
								0.0000	expiration Dat	۵٠	
itle:		usiness A				Approval Date			Apiration Dat	<u>.                                    </u>	
oate: 02.	/08/2000		Phone: 28	1-366-44	191	Conditions of					
						Attached					

# Sammons GC C #1E 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. Pressure test to 500 psi.
- 5. Tag and tally OH with 2-3/8" production tubing set at 6566'. Inspect tbg while POOH.
- 6. TIH with bit and scraper for 4-1/2" casing (optional).
- 7. TIH w/CIBP on tubing. Set CIBP @ 4900' (200' below lower PL perf). Load hole with 2% KCL. TOH.
- 8. RUWL. Run CBL over MV interval (4800' 3600') to ensure zonal isolation across the MV.
- 9. Pressure test casing to 1500 psi.
- 10. RIH with perforating guns. Perforate Point Lookout formation (correlate to GR log) 2 spf, 120° phasing.

  Point Lookout Perforations: 4330', 4338', 4345', 4355', 4370', 4375', 4385', 4392', 4405'

Point Lookout Perforations: 4330', 4338', 4345', 4355', 4370', 4375', 4385', 4392', 4405', 4438', 4450', 4470', 4500', 4528', 4538', 4550', 4575', 4615', 4635', 4660'

- 11. RU frac equipment. Use 2% KCL/N2 foam in fracture stimulation.
- 12. Spearhead 500 gal 15% HCL, establish injection rate, and proceed with fracture stimulation according to Schlumberger schedule.
- 13. Flowback frac immediately.
- 14. RU WL and set CIBP between Point Lookout and Cliffhouse at 4150'.
- 15. RIH with perforating guns. Perforate Cliffhouse formation (correlate to GR log) 2 spf, 120° phasing.
  CH/Upper MF Perforations: 3733', 3740', 3750', 3755', 3760', 3765', 3780', 3788', 3795', 3850', 3880', 3890', 3950', 4000', 4025', 4070', 4080', 4085'
- 16. RU frac equipment. Use 2% KCL/N2 foam in fracture stimulation.
- 17. Spearhead 500 gal 15% HCL, establish injection rate, and proceed with fracture stimulation according to Schlumberger schedule.
- 18. Flowback frac immediately.
- 19. TIH with tubing and bit. Cleanout fill and drill bridge plugs. Cleanout to PBTD at 6620'
- 20. TIH with 2-3/8" production tubing and land at 6425'.
- 21. ND BOP's. NU WH. Return well to production and downhole commingle Mesaverde and Dakota production.

State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102 Revised October 18, 1994 Submit to Appropriate District Office State Lease 4 Copies Fee Lease - 3 Copies

WEST

865'

San Juan

**OIL CONSERVATION DIVISION** 

2040 South Pacheco Santa Fe, New Mexico 87505

P.O. Box 1980, Hobbs, NM 88240 DISTRICT II 311 South First,, Artesia, NM 88210 DISTRICTIII 1000 Rio Brazos Rd., Aztec, NM 87410

2040 South Pacheco, Sante Fe, NM 87505

7

29N

9W

DISTRICT IV

UNIT P

# WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-045-24282				Pool Code Pool Name 71599 & 72319 Basin Dakota & Blar					nco Mesaverde		
Property Code 001005 Property Name OGRID No. Operator Name 000778			Sammons Gas Com C						Well Number 1E		
				AMOCO PF	RODUCTION	COMPANY		Elevation 55	549' GR		
				Su	rface Loca	ation					
UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West Line	County		

# **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:		Joint or Infill	Cons	olidation Code	Order No.				
331.68									

315'

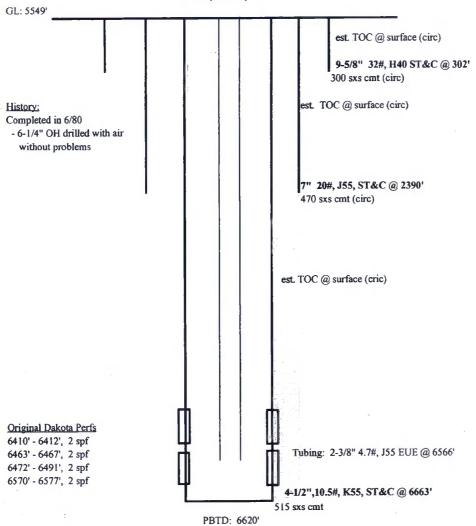
SOUTH

# 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 7	DEDICATION: 5/2 5/2 SEC NZ NZ : N/ N/2 Sec 18	OPERATOR CERTIFICATION  I hereby certify that the informtion contained herein is true and complete to the best of my knowledge and belief  Signature  Printed Name
865'		* or c	Position Sr. Business Analyst  Date 02/08/2000  SURVEY CERTIFICATION
		FEB 20 RECEIVOILCON. DIST.	/ED 01/01/2000
	5EC 1	(B	Signature & Seal of Professional Surveyor  Fred B. Kerr, Jr.
			Certificate No.

#### Sammons GC C #1E

Sec 7, T29N, R9W



4-1/2" Cement Job Notes:
-cement circulated to surface
-no cementing info in wellfiles
- Fluid level at 6200' (SL 1/25/00)
- No fill

updated: 1/26/00 jad

The John St.				
Subject 3 Copies to Appropriate District Office	, , ,		sources Department	Form C-10J Revised 1-1-39
bialincia	1710	VSERVATIO P.O. Box 208	_	WELL. API NO. 30-045-24282
DISTRICTUI P.O. Drawer DC, Lucala, Mg.	11210 AM 1 STATE	P.O. Box 208	875042088	3. Indicate Type of Laste
DISTRICT III '93 MA	1 7 0			STATE FEE K
DO NOT USE THIS FOR	DRY NOTICES AND RI IM FOR PROPOSALS TO DI ENT RESERVOIR, USE "AI (FORM C-101) FOR SUCI	PILL OR TO DEEPEN PER	OF PLUG BACK TO A	2. Lease Harne or Unit Agreement Name
I. Type of Well: ou. well.	MET X	опил		Sammons Gas Com /C/
1. Hime of Operator Amoco Produ	oction Company	Attn: D.	M. Tallant	I. Well No. #1E
J. Address of Operator	O, Denver, Co		· · · · · · · · · · · · · · · · · · ·	9. Pool same or Wildeal Basin Dakota
. 4. Well Location				Feet From The East Use
5 oction	7 Township	0.0	0.0	NAMES San Juan County
	10. i	Elevition (Show whether	DE, RXO, RT, GR, etc.)	(tottlet
11.	Check Appropriate	Box to Indicate l	Nature of Notice 18	Report, or Other Data
·	E OF INTENTION T			SSEQUENT REPORT OF:
PERFORM REMEDIAL WO	FIK PLUG AI	INDOINGE CI	REMEDIAL WORK	ALTERNING CASING
TEMPORATILY ADANDON	CIWIGE	PUNS	COMMENCE DUILLIN	
PULL ON ALTER CASING			CASING TEST AND C	Вос тизма:
OTHER:	. • * * k3 * * * * * * * * * * * * * * * *			enhead Repair X
12 Describe Proposed or Co	impleted Operations (Clearly eta	ue all perlinent details, as	nd give personent chies, incl	taking entirested date of therting any proposed
See attachment	for procedures.			
			(D) E	GEIVEN
			uu .	MARY ALCOHOLD
				AR1 01993
			OIL	CON IV.
		·		
Please contact	DeAnne Tallan	t if you ha	ive any ques	tions (303) 830-5427.
I haven emply that the below	ution above as true and complete to	the bust of my knowledge so	d balla',	
JIGHATURE DEC	mme fill	and 1	in Staff	Wast - DATE 3/8/93
SHARI TIBRE NO-STEE	_			उद्य शाक्तान्य १५०.
(This space for State Heat	1 381	2	DEPUTY OIL & GAS	INSPECTOR, DIST. #3 MAR 1 0 199
איוארוע זינ משיטארוא,	T APTE	T	III.	DATE

#### SAMMONS GAS COM /C/ #1E

MIRUSU. DIG OUT BRADENHEAD. PRIOR PRESSURES FAULTY. BRADENHEAD 100 PSI. INTERMED. 100 PSI. BLED OFF BRADENHEAD OUT OF 1" VALVE. NO CHG IN INTERMED PRESS. BLED DWN INTERMED. NO CHG ON 4 1/2 GSG. BRADENHEAD 0 PSI. TRY TO PMP DWN BRADENHEAD. PMP 1/10 BBLS & PR UP. TP 500 PSI. OK. TRY TO REMOVE TST PORT ON SPOOL. NO GO. TOO MUCH PRESS. PMP 20 BBLS DWN INTERMED. STILL UNABLE TO REMOVE. LOOSEN TST PORT & LET BLEED OFF SLOWLY. BLEED OFF 4 1/2 CSG. PLASTIC PACK 4 1/2 SEALS. PR TST TO 1000 PSI. OK. RDMOSU.

State of New Mexico : State of New Mexico : Ohphroprine Ditrict Office Off CONSERVA THE DIVINITION (1816) and Natural Resources Department	Form C-101 Revised 1-1-49
DISTRICTI RECEIVED OIL CONSERVATION DIVISION	WELL AN HO. 30-045-24282
DISTRICT. 193 FEB 16 AM 9 29 P.O. Box 2088 P.O. Deswer Dr. Askells, Phy 13210 Santa Fe, New Mexico 87504-2088	5. Julicus Tyre of Leus
DISTRICT III 1000 Rio Drivos Rd., Azise, NRI 87410	6. State Oil & Gas Lease No.
SUNDRY NOTICES AND REPORTS ON WELLS  ( DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A  DIFFERENT RESERVORD, USE "APPLICATION FOR PERILIT"  (FORM C-101) FOR SUCH PROPOSALS 1	7. Lease Haine or Unit Agreement Name
1. Type of Well:  of.  well	Sammons Gas Com C
1. Name of Operator     λmoco Production Company    λttn: D. M. Tallant	4. Well No. #1E
J. Addition of Operator	9. Pool name or Wildcat
P.O. Box 800, Denver, Colorado 80201	Basin Dakota
Unit Letter P: 315 Feet From The South Line and 86	5 Feet From The East Une
Soction 7 Township 29N Range 09W  10. Elevation (Show whether DF, RKB, RF, GR, etc.)  5549 GL	San Juan County
11. Clieck Appropriate Box to Indicate Nature of Notice, Re	
	SEQUENT REPORT OF:
PERFORM REMEDIAL WORK PLUG AND ABANDON REMEDIAL WORK	ALTERNING CASING
TEMPORARILY ABAHDON CIMIGE PLANS COMMENCE DRILLING	OPHS. PLUG AND ABANDONMENT
PULL ON ALTER CASING CASING TEST AND CE	D BOL THEM:
Onien: Bradenhead Repair X Onien:	The Control of the Co
12 Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent datas, incline work) SEE RULE 1103.	ling enimated date of stating any proposed
See attachment for procedures.	
	ECEIAEU
	FEB1 01993
	IL CON. DIV.
	DIST. 3
Please contact DeAnne Tallant if you have any quest	ions (303) 830-5427.
I hereby carely their the information above to true and complete to the best of my knowledge rad belief.	2
THE STAFF	DATE 2-9-93
TYTE ON FRUIT HAME	१६६ द्याच्य्रतः १४०.
(Title space for State U/a)	NSPECTOR, DIST. #3 FFB 1 () 1993
ATTROVED BY CHARLES THUESO DEPUTY OIL & GAS !	NSPECTOR, DIST. #3 PATE FEB 1 0 1993

ידוע יו איואדוע אס נווטרווסונס

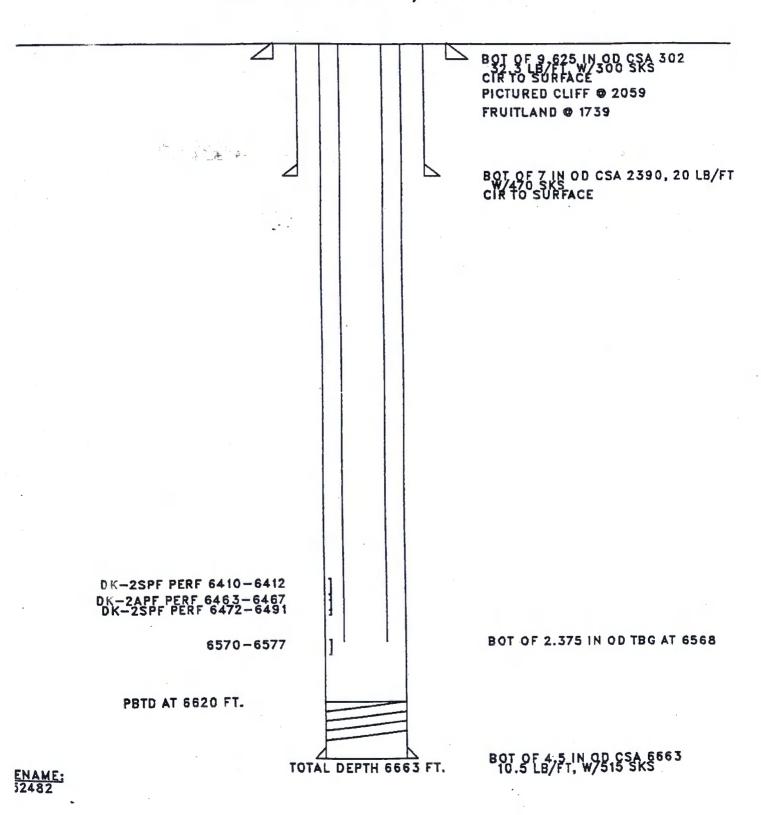
Workover Procedure Sammons Gas Com C #1E Sec.07-T29N-R09W San Juan County, NM

- Contact Federal or State agency prior to starting repair work.
- Catch gas and/or water sample off of bradenhead and casing, and have analyzed.
- Install and/or test anchors.
- 4. MIRUSU. Check and record tubing, casing and bradenhead pressures.
- 5. Blow well down, kill well if necessary with 2% KCL.
- 6. Nipple down well head, nipple up and pressure test BOP's.
- 7. Trip in the hole and tag PBTD, check for fill, trip and tally out of hole with tubing checking condition of tubing.
- 8. Trip in the hole with bit and scraper to the top of the perforations. A seating nipple and standing valve may be run in order to pressure test the tubing.
- 9. Trip in the hole with RBP and PKR. Set RBP 50-100 ft. above perforations. Trip out of hole one joint and set PKR and pressure test RBP to 1500 psi. Release PKR and pressure test csg to 1000 psi. If no leak is found, spot sand on RBP, trip out of hole and skip step 10.
- 10. Trip out of hole isolating leak in casing. NOTE: Once leak is located contact Ty Smith in Denver at (303) 830-5164. Spot sand on RBP and trip out of hole with PKR.
- 11. Determine from well file and history if a CBL needs to be run from the top of RBP to bottom of intermediate casing shoe. If this is needed, run CBL under 1000 psi and report results to Denver.
- 12. Bleed off any intermediate casing pressure and check for flow, fill annulus with 2% KCL water. Nipple down BOP's and tubing head, spear casing and remove slips, nipple up BOP's.
- 13. Run freepoint and back off casing as deep as possible but not below the intermediate casing shoe. Trip out of hole laying down and checking condition of casing.

- 14. Trip in the hole with bit and scraper to top of casing back off, circulate hole clean and trip out with scraper.
- 15. Trip in the hole with RBP and PKR and set RBP above casing backoff, trip out of hole one joint and set PKR and pressure test RBP.
- 16. Release packer and trip out of hole isolating leak in casing. NOTE: IF this can not be accomplished contact Ty Smith in Denver (303) 830-5164.
- 17. Release PKR and spot sand on RBP and trip out of hole.
- 18. Run, if necessary a CBL & CCL to determine cement top on the intermediate casing.
- 19. Perforate casing, if necessary with 4 JSPF and circulate dye to determine cement volume. Depending on the depth of the hole and circulating pressure, a PKR or a cement retainer may be needed.
- 20. Mix and pump sufficient cement (class B or equivalent with two hour setting time) to circulate to surface. Shut bradenhead valve and attempt to obtain a squeeze pressure and WOC.
- 21. Trip in the hole with bit and scraper and drill out cement and pressure test casing. Re-squeeze leaks if casing fails pressure test.
- 22. Trip in the hole with retrieving head for RBP, circulate sand off of RBP and trip out of hole with plug.
- 23. Trip in the hole with casing and tag casing backoff. Circulate the top of the back off clean with 2% KCL water. Circulate PKR fluid to fill annulus if no additional squeeze work is required. This will be determined from the previous CBL run. Tie back onto production casing and pressure test casing.
- 24. Nipple down BOP's and tubing head, set slips and make cut off. Install tubing head and BOP's and pressure test.
- 25. Trip in the hole with retrieving head for RBP, circulate sand off of RBP with 2% KCL and trip out of hole with plug.
- 26. Trip in hole with a sawtooth collar and/or bailer and clean out to PBTD and trip out of hole.
- 27. Trip in the hole with the production string (1/2 mule shoe on bottom and a seating nipple one joint off bottom), land tubing to original depth. Nipple down BOP's, nipple up well head.

- 28. Swab well in and put well on production.
- 29. Rig down move off service unit.

## SAMMONS GAS COM C #1E LOCATION, P07 29N 09W SINGLE DK ORIGINAL COMPLETION 06/80 LAST FILE UPDATE 12/92 BY CSW





#### STATE OF NEW MEXICO

# ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

# OIL CONSERVATION DIVISION AZTEC DISTRICT OFFICE

1000 RIO BRAZOS ROAD AZTEC, NEW MEXICO 87410 (505) 334-6178

93566

# BRADENHEAD TEST REPORT

(Submit 2 copies to above address)

)ate of Test	9-13-920	perator Amoc	o Production, 200 Amoco Court, Farmi	ngton, NM
ease Name	Sammons G.C	Well No. <u>&amp; i E</u>	Location: Unit P Section 7 Township 2  Intermediate N/A Casing 266 Bra	9 N Range 9 W
OPEN	BRADENHEAD AND I	NTERMEDIATE TO	O ATMOSPHERE INDIVIDUALLY FOR 15 MII	NUTES EACH
TIME	PRESSUI INTERMEDIATE	RES: CASING	BRADENHEAD FLOWED	INTERMEDIATE FLOWED
5 min.			Steady Flow for 15 min	
10 min.			Surges	
15 min.			Down to Nothing	
20 min.			Nothing	
25 min.			Gas	
30 min.			Gas & Water	
			Water	
	ead flowed water, check d		SALTY SULFUR	BLACK
REMARK		, , ,		
BRAD	law Head Blew	hard tok	15 MIN.	
By LO	loyd ament	Run i	# 36 Witness	

Submit 5 Copies.
Appropriate District Office
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

State of New Mexico Energy, Minerals and Natural Resources Department

Form C-104
Revised 1-1-89
ON Dice Instructions
of Bottom of Page RECEIVED

DISTRICT II P.O. Drawer DD, Artesia, NM 88210

P.O. Box 2088 Santa Fe, New Mexico 87504-2088

OIL CONSERVATION DIVISION '90 AUG 22 AM 11 23

DISTRICT III 1000 Rio Brazos Rd., Aziec, NM 87410

				LLOWAL							
		TOTRA	INSF	ORT OIL	AND N	ATUHA	L GA		DI No		
Operator AMOCO PRODUCTION COMPA	NY								.PI No. 45242820	00	
Address P.O. BOX 800, DENVER,	COLORA	DO 8020	01								
Reason(s) for Filing (Check proper box)						ther (Pleas	e explai	1)			
New Well		Change in									
Recompletion	Oil		Dry C								
Change in Operator	Casinghe	ad Gas	Conde	ensate X							
f change of operator give name and address of previous operator						1					
			2								
II. DESCRIPTION OF WELL	AND LE		T		-			120			in No
Lease Name SAMMONS GAS COM C		Well No.	BA	Name, Include SIN DAK	TA (		CAS		( Lease Federal or Fee	)	ease No.
Location Unit LetterP	. :	315	_ Feet I	From The	FSL L	ine and _	865	Fee	et From The _	FEL	Line
Section 07 Township	, 29	N	Range	<sub>e</sub> 9W		NMPM,		SAN	JUAN		County
III. DESIGNATION OF TRAN	SPORTI			ND NATU	RAL GAS	<u>S</u>		7		in to be a	
Name of Authorized Transporter of Oil		or Conde	nsate		Address (C	ive addres	s to whu	ch approved	copy of this fo	orm is to be se	ent)
MERIDIAN OIL INC.					3535	EAST 3	HTO	STREET,	FARMIN	GTON, CO	87401
Name of Authorized Transporter of Casing	head Gas		or Dr	y Gas 💢	Address (C	ive addres	s to whi	ch approved	copy of this fo	orm is to be so	ent)
EL PASO NATURAL GAS CO	MPANY '		.—						, TX 7	9978	
If well produces oil or liquids, give location of tanks.	Unit	Sec.	Twp.	Rge.	ls gas actu	ally connec	zed?	When	?		
If this production is commingled with that	from any ot	her lease or	pool, g	ive comming	ling order nu	mber:					
IV. COMPLETION DATA											
D : T - of Contain	(3/)	Oil Wel	1	Gas Well	New We	ll Work	over	Deepen	Plug Back	Same Res'v	Diff Res'v
Designate Type of Completion		_1		·				1			
Date Spudded	Date Con	ipl. Ready to	o Prod.		Total Dept	h			P.B.T.D.		
Elevations (DF, RKB, RT, GR, etc.)	Name of	Producing F	ormalic	nen.	Top Oil/Ga	s Pay			Tubing Dep	th	
Lievadolis (D1, KND, K1, OK, Ele.)	Transie of	, toaseing :	0						Total Bright	•	
Perforations									Depth Casin	g Shoe	
· · · · · · · · · · · · · · · · · · ·		TURING	CAS	ING AND	CEMEN	TING RI	CORI	)			
HOLE SIZE	_	ASING & T			CENTER		H SET		9	SACKS CEN	IENT
HOLE SIZE		101110 0 1	001110	OLL	+						
	-										
	-						-			,	
					1			· .			
V. TEST DATA AND REQUES	T FOR	ALLOW	ABL	E							
OIL WELL (Test must be after r					t be equal to	or exceed	top allo	wable for thi	s depth or be	for full 24 ho	urs.)
Date First New Oil Run To Tank	Date of T							np, gas lift, e			
	<b>Date</b> 0. 1										
Length of Test	Tubing P	ressure			Casing Pro	essure		(0)	C) Me Me	IVE	(A)
								R		9 4 2	1111
Actual Prod. During Test	Oil - Bbl	S.			Water - B	bls.		94	Gas- MCF		
									JUL 5	1990	
GAS WELL								OII	CON	DIL	
Actual Prod. Test - MCF/D	Length o	l'Test			Bbls. Con	densate/Mi	MCF		Cravity of	Sont Live	
								والعرامة وأعد	DIST.	3	
Testing Method (pitot, back pr.)	Tubing P	ressure (Sh	ut∙in)		Casing Pro	essure (Shi	n-iu)		Choke Size		
, , , , , , , , , , , , , , , , , , ,											•
VI. OPERATOR CERTIFIC	ATEO	F COM	PLIA	NCE		<b>~</b> !!	001	OFF:	ATION	חואוסיי	ON!
I hereby certify that the rules and regu					11	OIL	CON	SERV	ATION	DIAIDI	)N
Division have been complied with and	that the inf	ormation gi	ven abo	ove						***	
is true and complete to the best of my	knowledge	and belief.			∥ Da	ate App	TOVE	d	JUL 5	1990	
11.1 111						re whi	NOACI				
L. H. Wheley								-1	. \ ~	1	
Signature		, ,			Ву	'		-	<u>. A</u>	hand	
Doug. W. Whaley, Sta	ff Adm	in. Su			H			SUPFR	VISOR D	ISTRICT	#3
Printed Name			Title		-∐ Tit	le					40
June 25, 1990		303	-830 Tephon	-4280							
Date		10	repnon	t 140.							

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
- 2) All sections of this form must be filled out for allowable on new and recompleted wells.
- 3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
- 4) Sangerte Form C-104 must be filed for each nool in multiply completed wells.

#### STATE OF NEW MEXICO WINFRALS DEPARTMENT

EMERCA MO WINGLINGS OCHA							
190-10 656							
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LANG GPPICE							
TRAMEPORTER	aiL						
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OPERATOR							
-	ICE	1					

CL CONSERVATION DIVISION OIL CONSERVATION DIVISION

Form C:104 Revised 10-01-78 Format 06-01-83 Page I

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I.	FORT DIE AND NATURAL GAS
Operator	
Amoco Production Company	·
Address Drive Formington NW 97/01	
501 Airport Drive Farmington, NM 87401	
Reason(s) for Isling (Check proper box)	Other (Please explain)
New Welt Change in Transporter of:	
	ky Can
Change to Ownership Casinghood Gas 🗵 C	andensate
If change of ownership give name	
and eddress of previous owner	
T DESCRIPTION OF WELL IND LEASE	
II. DESCRIPTION OF WELL AND LEASE    Well No.   Pool Name, Including F	armation   Kind of Lease   Lease No.
Sommons Gas Com C IE Basin Dakota	State, Federal or Fee
Location	
Buth in	ne and 865 Feet From The 6954
Carlo Land	red From The COST
Line of Section 7 Township 29N. Range C	9W, NMPM, San Juan County
III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL	. GAS
Name at Authorized Transporter at Cit or Condensate Permian Corp. Permian (Eff. 9 / 1 /87)	P. O. Box 1702 Farmington, NM 87499
Name of Authorized Transporter of Casinghedd Gas are Dry Gas	Address (Give address to which approved copy of this form is to be sent)
El Paso Natural Gas Company	P. O. Box 990 Farmington, NM 87401
If well produces oil or liquids.  Que location of tanks.  Unit   Sec.   Twp.   Age.    P   7   29N   9W	Is gas actually cannected? When
If this production is commingled with that from any other lesse or pool,	give commingling order numbers
NOTE: Complete Parts IV and V on reverse side if necessary.	
VI. CERTIFICATE OF COMPLIANCE	OIL CONSERVATION DIVISION
I hereby resulfy that the rules and regulations of the Oil Conservation Division have been complied with and that the information given is true and complete to the best of	APPROVED
my knowledge and belief.	av (1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/
	Andes Proteor
	TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #3
(< / > h 4.1	This form is to be filled in compliance with QUE 1104.
15001(aw	If this is a request for allowable for a newly drilled or despended
Admin. Supervisor	well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with AULI it.
	All sections of this form must be filled out completely for allow-
1-2-85 (5)	able on new and recompleted wells.
Des 1 15 (1) m	Fill out only Sections 1, II. III, and VI for changes of owner,
The Geller	well name or number, or transporter, or other such change of condition.  Separate Forms C-104 must be illed for each pool in multiply
	completed wells.
JANDEL	
On - 1985-19	and the second s
CONT NO.	
· Dies · UIV	

#### STATE OF NEW MEXICO ENERGY MO MINERALS DEPARTMENT

DISTRIBUTE	DISTRIBUTION					
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FILE .						
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TRANSPORTER	air					
, 4444	GAB					
OPERATOR						
PROBATION OFF	NC S					

# OIL CONSERVATION DIVISION P. O. BOX 2088

Form C-104 Revised 10-01-78 Formet C6-01-63 Page 1

SANTA FE. NEW MEXICO 87501

REQUEST FOR ALLOWABLE AND

AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Amoco Production Company	
501 Airport Drive Farmington, NM 87401	
Reason(s) for filing (Check proper box)	Other (Please explain)
New Well Change in Transporter of:	-
Recompletion Oil Di	ry Gas
Change in Generalis Casinghood Gas Co	andens or e
If change of ownership give name	
and address of previous owner	
II. DESCRIPTION OF WELL AND LEASE	
Lagor Name Well No. Pool Name, Including F	Caga-140.
Sommons Gas Com C   1E   Basin Dakota	State, Federal or Fee
Location	
Unse Leaver P : 315 Feet From The South Lin	e and 865 Feet From The 605+
Line of Section 7 Township 29N Range	7W NMPM San Juan County
	County
III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL	GAS
Name of Authorized Transporter of Cit or Candensate &	P. O. Box 1702 Farmington, NM 87499
Name of Authorized Transporter of Casinghedd Gas or Dry Gas 🔀	Address (Give address to which approved copy of this form is to be sent)
El Paso Natural Gas Company	P. O. Box 990 Farmington, NM 87401
If well produces oil or liquids. Unit Sec. Twp. 'Age.	Is gas actually connected? When
give togeton at tente. P 7 29N 9W	No !
If this production is commingled with that from any other lease or pool,	give commingling order number:
NOTE: Complete Parts IV and V on reverse side if necessary.	
VI. CERTIFICATE OF COMPLIANCE	OIL CONSERVATION DIVISION
I hereby remay that the rules and regulations of the Oil Conservation Division have	APPROVED 1 100E
been complied with and that the information given is true and complete to the best of	11/1/11/11/05
my knowledge and belief.	BY harles Shoken
	TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #3
13DShaw	This form is to be filed in compliance with RULE 1104.
Sienature)	If this is a request for allowable for a newly drilled or deepened
Admin. Supervisor	well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with AULS 111.
(Tule)	All sections of this form must be filled out completely for allow-
1-2-85	able on new and recompleted wells.
IN E A P	Fill out only Sections I. II. III. and VI for changes of owner, well name or number, or transporter, or other such change of condition.
MEGEIVED	Separate Forms C-104 must be filed for each pool in multiply completed wells.
JAN 03 1985	
OLCON	

Form 23-119 (Rev. 4-73)

# EL PASO NATURAL GAS COMPAN' POST OFFICE BOX 990 OIL CONSERVATION DIVISION **FARMINGTON, NEW MEXICO** SANTA FE

NOTICE OF GAS CONNECTION

DAIL	rigit Cir. 27	1701

ASE OF

AS FROM Amoco P	Toduction Company Operator		Sammons Gas Com C #1-E Well Name					
3-566-01	73948-51	P	I Trait	<b>7–29–9</b> S–T–R				
Meter Code	Site Code	Well		ıral Gas Company				
asin Dakota	Pool		Name of F					
AS MADE ON	<b>3–12–81</b> , Date	FIRST D	ELIVERY	<b>3–13–81</b> Date				
OF								
HOKE								
		7	Purchaser Original	Signed by A. Thomas				
			Representative					
		4	<u>Chief Dispar</u> Title	tcherAssistant				

cc: Operator

Oil Conservation Commission – 2

Proration - El Paso

File

4	eter istance to at a	a material in a	tom bestime			
HO. OF COPIES REC	EIVED	1				
DISTRIBUTIO						
SANTA FE						
FILE						
U.\$.G.\$.	U.\$.G.S.					
LAND OFFICE						
TRANSPORTER	OIL					
THAM!	GAS					
OPERATOR						
		1	1			

8-27-80

(Date)

DISTRIBUTION	NEW MEXICO OIL CO	DISERVATION COMMISSION	Form C-104				
SANTA FÉ	REQUEST FOR ALLOWABLE Supersedes Old C-104 as						
FILE		AND	Effective 1-1-65				
U.\$.G.5.	_ AUTHORIZATION TO TRA	NSPORT OIL AND NATURAL	GAS				
LAND OF FICE							
TRANSPORTER GAS	-						
OPERATOR							
PROBATION OFFICE							
Amoco Production Compa	any						
Address							
501 Airport Drive, Far			V Z. D				
Reason(s) for filing (Check proper bo	Change in Transporter of:	Other (Please explain)					
Recompletion	OII Dry Gas	SEP29	1980				
Change in Ownership	Casinghead Gas Conden	sale Oil 20016 The sale					
		SANTA	DA DIVISION				
f change of ownership give name and address of previous owner		CAIVIA	12				
DECORPTION OF WELL AND	TEACE						
DESCRIPTION OF WELL AND Lease Name	Well No. Pool Name, Including Fo	rmation Kind of Lea	Se Lease No.				
Sammons Gas Com C	1E Basin Dakota	State, Feder	ral or Fee Fee				
Location							
Unit Letter P : 31	Feet From The South Line	and 865 Feet From	The East				
1 4 1 C 7	ownship 29N Range	9W , NMPM,	San Juan County				
Line of Section / T	ownship 29N Range	yw , rear ia,	San Juan				
DESIGNATION OF TRANSPOR	RTER OF OIL AND NATURAL GA	S					
Name of Authorized Transporter of O	or Condensate	Address (Give address to which appr	oved copy of this form is to be sent)				
Plateau Incorporated	2000	4775 Indian School RD.	NE. Albuquerque, NM 8711				
Name of Authorized Transporter of C							
El Paso Natural Gas C	Unit Sec. Twp. Ege.	P.O. Box 990, Farmingt	/hen NM 8/4UL				
If well produces oil or liquids, give location of tanks.	P 7 29N 9W	No					
f this production is commingled w	ith that from any other lease or pool,	give commingling order number:					
COMPLETION DATA			Plug Back   Same Restv. Diff. Restv.				
Designate Type of Complet	ion - (X)	1	The second secon				
Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.				
5-1-80	6-30-80	6663'	6620"				
Elevations (DF, RKB, RT, GR, etc.)		Top Oil/Gas Pay	Tubing Depth				
5549' GL	Dakota	6410'	6568 Depth Casing Shoe				
Perforations							
6410-6412', 6463-6467	1, 6472-6491', 6570-6577'	CEMENTING RECORD	6662				
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT				
12-1/4"	9-5/8", 32,3#	302 '	300				
8-3/4"	7", 20,0推	2390'	470				
6-174"	4-1/2", 10.5#	6663	515				
	2-3/8"	6568	il de la constant de				
TEST DATA AND REQUEST	FOR ALLOWABLE (Test must be a) able for thin de	fter recovery of total volume of load o pth or be for full 24 hours)	il and must be equal to a reced top allow-				
OII, WELL Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas	lift, etc.)				
			/ OTULI				
Length of Test	Tubing Pressure	Casing Pressure	Ch/s-53-20 4 1980				
	Oil-Bbis.	Water - Bble.	Gr. Mc				
Actual Prod. During Test	Oll-Bole.		OIL CON. COM				
			Dis				
GAS WELL			Communication of Continues of C				
Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate				
299	Tubing Pressure (Shat-in)	Casing Pressure (Shut-in)	Choke Size				
Back Pressure	1285 PSIG	1255 PSIG	.75				
		OIL CONSERV	ATION COMMISSION				
CERTIFICATE OF COMPLIA	1102	APPROVED Sh	P 1 6 1980				
I hereby certify that the rules an	d regulations of the Oil Conservation	APPROVED 7	, 19				
C insien have been compiled	with and that the information given he best of my knowledge and belief.	By Snels. Com	Salm as a				
above is true and complete to t	ine poor or my knowledge and bester.	SUPERVISOR D	124 MIGH # 4				
		TITLE					
6		This form is to be filed i	n compliance with RULE 1104.				
06/30	good	II was to to the more her accome	lowable for a newly drilled or despended panied by a tabulation of the deviation				
· ·	gnoture)	It teats taken on the well in ac-	cordance with MULE 111.				
District Administrati	Tule)	All sections of this form	must be filled out completely for allow- wells.				
. 1	•	11					

All sections of this folia must be filed for each pool in multiply

NO. OF COPIES RECEIVE	D .							Form	C-105	\
DISTRIBUTION									Ised 11-1-76	
ANTA FÉ		_	W MEXICO O						rate Type of Leas	
ILE		WELL COMP	LETION OF	RECOMP	LETION	REPORT A	ND LOG	State	Oil & Gas Lease	Fee X
I.S.G.S.								3. State	Oli & Gds Ledse	No.
PERATOR								m	mmm	mm
PERATOR										
. TYPE OF WELL							· · · · · ·	7. Unit /	Agreement Name	<i></i>
		L	ELL X	PRY .	OTHER				- '	
TYPE OF COMPLET			.uc DIF	. —				8. Farm	or Lease Name	
Name of Operator		EN BA	CK DIF	VR.	OTHER			Samm 9. Well N	nons Gas Co	om C
Amoco Product	ion Compa	iny						•	1E	Ideat
501 Airport D	rive. Far	mington. N	IM 87401						in Dakota	dear
Location of Well	, , , , , , , , , , , , , , , , , , , ,						· · ·	77777	TIT DAKOLA	nnn
						- *				
IT LETTER P	LOCATED	315 FEE	T FROM THE	South	LINE AND	865	EET FROM			
								12. Coun	(À	111111
E East LINE OF S	EC. 7	TWP. 29N	RGE. 9W	NMPM	7777777	71X////			Juan	
			ate Compl. (Red	idy to Prod.	18. Elev			R, etc.) 1	9. Elev. Cashing	head
5-1-80 . Total Depth	5-9-80	ug Back T.D.	6-30-80			5549' GI				
,	21. P1			Multiple. Co any	mpi., How	23. Interval Drilled	Ву і		Cable Tool	s
6663 Producing Interval(s)	, of this comple	6620 tetion - Top. Bot	tom. Name		· · · · · · · · · · · · · · · · · · ·		<del>&gt;</del> ; 0-	-TD	25, Was Direct	ional Summer
	, or time compr	- 10p, 20t	tom, trame						Made Made	longt Survey
6410-6412', 6	463-6467 her Logs Run	, 6472-649	01', 6570 <del>-</del>	6577';	Dakota			.   27	No	
Induction-GR-						R			No	
- Induction on	DI, COMPC		ASING RECOR				-		- NO	
CASING SIZE	WEIGHT LB	./FT. DEF	TH SET	HOLE SI	ZE	CEMEN	TING RECO	ORD	AMOUNT	PULLED
9-5/8"	32.3#	3	02'	12-1	/4"	300	sx	OFF		
7"	20.0#	23	90'	8-3	/4"	470	SX		F/1/A\	
_4-1/2"	10.5#	66	63'	6-1	/4"	515	SX	A	I II FAT	
							100	EPI	-0	
•		LINER RECORD				30.	OILT	UBING DE	1980	
SIZE	TOP	воттом	SACKS CE	MENT S	CREEN	SIZE	DE	ONE TO	PICKE	ERSET
	•	1.				2-3/8"	1	5508' 3	None	
. Perforation Record (In	nterval size an	nd number)		32.	AC:	IN SHOT ER	ACTURE	LENT 6	EGEEZE, ETC.	
6410-6412', 6			11 and	32.	DEPTH INT				CIND MATERIAL	USED
6570-6577', w				8" 64	10-6577				of frac flu	
holes.		A In Roder		0	<u> </u>				20-40 sand	
	18 5	EP 2 3 198								· ·
	11	LI 2 0 136								
te First Production	OIL CON	SANTA FE			ON Size and ty	pe pump)		Well Sta	tus (Prod. or Shu	t-in)
te of Test	Hours Tested	Choke Size		wing	- Bbl.	Gas - MCF	Water	r Bbl.	Gas - Oil Rat	10
7-29-80			Test Peri			37	""	- Bb.	dus = O.i ridi	
ow Tubing Press.	3 hours Casing Pressu	.75	24- Oil - Bbl	-	Gas - MCF		er – Bbl.	10	oil Gravity - API	(Corr.)
14 PSIG	87 PSIG	Hour Hate			299		. – 55	Ĭ	on Grand, — M. I	100111)
Disposition of Gas (S		el, vented, etc.)	- 1				Test	Witnessed	Ву	
To be sold										
List of Attachments	-		<del></del>							
I hereby amiliation	La in (:	-A	day at still	- 1 - 1 - 1	1	1k k /	I			
. I hereby certify that t	ne injormation	snown on both si	ues of this form	n is true and	complete to	ine pest of m	y knowledg	e und beli	ej.	
SIGNED	Sva	boda	TITL	E Dist	• Adm S	linvr		DATE	9-11-80	
						-1-7-1-		JAIE		

#### INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled Wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate exception state land, where six copies are required. See file 1105.

# INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

		South	eastern	New Mexico					Northwe	stem Ne	w Mexico				
T Anhu			T.	Canyon		T.	Ojo Al	amo	·	т.	Penn. "B"				
T Salt			T.	Strawn		T.	Kirtlar	d-Fruitle	and	т.	Penn. "C"				
B. Salt _			т.	Atoka		T. Pictured Cliffs					Penn. "D"				
T Vates			Т.	.Miss		T. Cliff House 3730					Leadville	•			
T. 7 Riv	ers		T.	Devonian		T.	Menefe	e	3808	T.	Madison				
T. Oueen T. Silurian						T:	Point l	ookout	<u>4308</u>	T.,	Elbert				
T. Grayb	ourg		Т.	Montoya		T. Mancos4410					_ T. McCracken				
T San Andres T. Simpson							Gallup		5525	Т.	Ignacio Qtzte				
T. Glorie	eta		т.	McKee		Bas	e Gree	nhorn	6337	T.	Granite				
T. Padde	ock		т.	Ellenburger		T,	Daķota		6390	т.					
T. Bline	bry		Т.	Gr. Wash		T.	Morris	on		T.					
T. Tubb			Т.	Granite		T.	Todilt	·		т.		·····			
T. Drink	ard		Т.	Delaware Sand		T.	Entr ad	a		Т.					
T. Abo_			T.	Bone Springs		T`.	Wingat	e		Т.					
T. Wolfe	amp		Т.			T.	Chinle			T.					
T. Penn			Т.			T.	Permia	n		Т.					
T Cisco	(Bough C	c)	Ť.			T.	Penn.	''A''—		Т.					
					OIL OR GAS	SA	NDS (	OR ZON	IES						
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•															
No. 3, fron	n	************		.to		No.	6, from	n			to				
No. 1, from	n ,			to.	*************				fcet.						
No. 4, from	D	No.		to.		******			feet.		,				
	2	The state of the s		FORMATION RI	E'CORD (Attach	addi	tional	sheets it	necessar	y) 					
From	То	Thickness in Feet		Formation	1	_'	From	то	Thickness in Feet		Formation				
3730	4410		Mesa	Verde											

# NEW MEXICO OIL CONSERVATION COMMISSION MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Тура	) Tost	ə •	,			-1			[] c	ادرند	Test Dut						
		X Initia	1			nnual Connectio	'		Spe	Cfai	0/ 2	9 00		<del></del>			
AMOCO PRODUCTION CO. EL PASO NATURAL GAS CO.							Unit				in .						
Pool BASIN DAKOTA																	
Com	06 26			Total Depth 6663			Plug B	ack 66			5549			MONS GA		COM	C
Csg. Size Wt. d Set At Perforations: 4.500 10.5 4.052 6663 From 6410							T	6577		Well N 1E	0.						
T'bq.	2.375	wı. 4.7		d 1.995	5e1	λι 666	Perford From			т	• ENDE	D	Unit	Sec. 7	7w 291		Rges 1
Type			denhead	1 – G.G. or G.	Ο. Μυ	ltiple			Packer S	et At	NONE		County	JUAN		ı	
Frod	ucing Thru TUBING		Reacti	oir Temp. *F		Mean Annuc	il Temp.	•F	Bato, Pre	85			State NEW	MEXICO			
	L	н		Gq	-	% CO 2	% 1	N 2		% H <sub>2</sub> S	3	Provor	Mete	r Hun	Та	ps	
-		<u> </u>	Fi	LOW DATA					TUB	ING	DATA	С	ASING	DATA	_		allon
ΝО.	Prover Line Size	х	Orifice Size	Pross. p.s.l.g.		Diff.	Temp		Press		Temp		, aa , l.g.	Temp.			o( low
SI	9 days								1285			12			3	hrs	
1.	2.375	.750	)	- 44		D.	<b>\</b>		14	<del></del>			37		$\dashv$		
2. 3.			F-70	ECE	1		1				-				$\dashv$		
4.			1	SEP	2 1	1980	H										
5.			1	SLP	9 9												
				The second second	W.T.	ONALIAIS	PAPLO	W.	CALCUL	ATI	ONS	<del></del> -					
	Coelli	ctent	0	IL CONS	ANT	FFressure	. 1	Flow	Temp.		Gravity		Super		Rate	of Flo	ow
NO.	(24 H		_	õ <sup>w</sup> b <sup>m</sup> o		P <sub>m</sub>		F	Ft.		Factor Fg		ompress. ctor, Fp	v		Mold	-
1	12.365					26		1.	000	-	.9258	1.0	003		299		
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5.			-									HIL					
NO.	<b>የ</b> ት	Tem	p. •R	Tr		Z Go	s Liquid P.I. Grav	l Hyd vity	drocarbon of Liquid	Ratio Hydro	carbans ,	AUG2					cí/bbl. _ Deg.
1.						Sp	ecliic Gr	ravit	y Separato	or Gas	10	COAL	, 1 <del>380</del>	XX	<u> </u>	<u> </u>	XX
3.									y Flowing		-	CON	COM			p	.s.i.A.
4.									rature				3	R			R
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Aba	olute Open	I'low		300			N	(cfd	€ 15.025	Ang	le of Slop	o (†		Slo	۰0, n		.75
Hen	nork er			l								<del></del> -					
-	<del></del>												<del></del>				
App	roved by C	omnissio	ont	Condu	JJB				J J BA	RNE	TT		Checke R	A DOWN	EY		
									1								

NO. OF COPIES RECEIVED		Form C-103
DISTRIBUTION		Supersedes Old C-102 and C-103
ANTAFE	NEW MEXICO OIL CONSERVATION COMMISSION	Effective 1-1-65
FILE		
J.S.G.S.		5a. Indicate Type of Lease
AND OFFICE		State Fee X
PERATOR		5. State Oil & Gas Lease No.
SUN (DO NOT USE THIS FORM FOR USE **APPLI	DRY NOTICES AND REPORTS ON WELLS PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. CATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)	
OIL GAS WELL X	OTHER•	7. Unit Agreement Name
Name of Operator		8. Farm or Lease Name
Amoco Production Co	mpany	Sammons Gas Com "C"
. Address of Operator		9. Well No.
	Fårmington, NM 87401	1E
. Location of Well		10. Field and Pool, or Wildcat
UNIT LETTER P	315 FEET FROM THE South LINE AND 865 FEET F	Basin Dakota
Fact	CTION 7 TOWNSHIP 29N HANGE 9W NN	
	15. Elevation (Show whether DF, RT, GR, etc.)	12, County
	5549' GL	San Juan
	k Appropriate Box To Indicate Nature of Notice, Report or	
NOTICE OF		ENT REPORT OF:
	ECEIVED	
PERFORM REMEDIAL WORK	PLUG AND ABANDON REMEDIAL WORK	ALTERING CASING
TEMPORARILY ABANDON	JUL 2 2 1980 CHANGE BELLINS CASING TEST AND CEMENT JOB	PLUG AND ABANDONMENT
PULL OR ALTER CASING	CHANGE BUNS CASING TEST AND CEMENT JOB	completion X
Li Li Ban	OTHER OTHER	Completion
OTHEROIL_C	CONSERVATION DIVISION SANTA FE	
7. Describe Proposed or Completer	d Operations (Clearly state all pertinent details, and give pertinent dates, inclu	ding estimated date of starting any proposed
work) SEE RULE 1 103.	. opo	
depth is 6620'. Pe	ons commenced on $6-2-80$ . Total Depth of the well erforated intervals $6410$ ' to $6412$ ', $6463$ ' to $646$ a 2 spf, a total of $60$ , $.38$ " holes.	l is 6663! and plugback 7', 6472' to 6491', and
Released the rig on	6-4-80, and flow tested the well for 12 days.	
Moved in and rigged of frac fluid and 2	l up service unit again on $6-23-80$ and sand wate $269,500\#$ of $20-40$ sand.	r fraced with 105,900 gallon
Ianded 2-3/8" tubin	ng at 6566'. Swabbed the well and released the	rig on 6-30-80.
Landed 2-3/6 Cubin	ig at 0500 : bwabbed the well and released the	2 - 8 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0
		POPULATION OF THE POPULATION O
		of twen
	/	MLLIVLD
	1	
	1	JUL 15 1980
		OIL CON. COM.
18. I hereby certify that the informa	tion above is true and complete to the best of my knowledge and belief.	DIST. 3
2 - (		
652	Tobola AM Dist. Adm. Supvr.	7-14-80
IGNED	////	
7 17	Olipphuses -	
APPROVED BY Stank.	Supervisor District # #	PATE 111 1 5 1980
		W W. Im

CONDITIONS OF APPROVAL, IF ANY:

Sperls.	Dany TITLE	SUPERVISOR DISTRICT # 3	DATE JUN 26 1980
8. I hereby certify that the informat	oboda TITLE Di	of my knowledge and belief.	6-2 <b>4</b> -80
	JULO S 1980  CONSERVATION DIVISION SANTA FE		8 1980 2 3 1980 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
Completion operation depth is 6620'. Per with 2 SPF a total of 322,000# of 20-40 sa	ns commenced on 6-2-80. The forated interval from 641 of 64, .38" holes. Sand-wand. Landed the 2-3/8" tule released the rig on 6-4-	.0-6412', 6463-6467', vater fraced with 85,7 bing at 6568'.	6472-6491', and 6570-6577',
7. Describe Proposed or Completed work) SEE RULE 1103.	Operations (Clearly state all pertinent deta	ails, and give pertinent dates, inclu	ling estimated date of starting any proposed
PERFORM REMEDIAL WORK  TEMPORARILY ABANDON  PULL OR ALTER CASING	PLUG AND ABANDON CHANGE PLANS	REMEDIAL WORK  COMMENCE DRILLING OPNS.  CASING TEST AND CEMENT JQB  OTHER	ALTERING CASING PLUG AND ABANDONMENT Completion
	Appropriate Box To Indicate N INTENTION TO:	_	Other Data ENT REPORT OF:
	15, Elevation (Show whether 5549 G		12. County San Juan
	315 FEET FROM THE South		
Address of Operator 501 Airport Drive Location of Well	Farmington, NM 87401		1E
Name of Operator Amoco Production Co	ompany		8. Farm or Lease Name Sammons Gas Com "C" 9. Well No.
OIL GAS WELL X	OTHER-		7, Unit Agreement Name
SUNC	DRY NOTICES AND REPORTS ON PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BOATION FOR PERMIT -" (FORM C-101) FOR SUG	WELLS	
AND OFFICE			5, State Oil & Gas Lease No.
).s.g.s.			5a. Indicate Type of Lease State. Fee. X
TILE			
DISTRIBUTION ANTA FE	NEW MEXICO OIL CONS	ERVATION COMMISSION	C-102 and C-103 Effective 1-1-65
NO. OF COPIES RECEIVED	_		Form C-103 Supersedes Old

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION  C. 10. AND OFFICE  SPERATOR  SUNDRY NOTICES AND REPORTS ON WELLS  SECTION OF SUNDRY NOTICES AND REPORTS ON WELLS  SECTION OF SUNDRY NOTICES AND REPORTS ON WELLS  THE BEST SUNDRY NOTICES AND REPORTS ON WELLS  THE BEST SUNDRY NOTICES AND REPORTS ON WELLS  THE BEST SUNDRY NOTICES AND REPORTS ON WELLS  SUBSEQUENT REPORT OF SUNDRY NOTICES AND REPO	NO. OF COPIES RECEIVED					Form C-103
NEW MEXICO OIL CONSERVATION COMMISSION    Description   De	DISTRIBUTION	3				Supersedes Old C-102 and C-103
SUNDRY NOTICES AND REPORTS ON WELLS  SUNDRY MOTICES AND REPORTS ON WELLS  Summons Gas Com "C"  Summon	ANTA FE	_/_	NEW MEX	ICO OIL CONSE	RVATION COMMISSION	,
SUNDRY NOTICES AND REPORTS ON WELLS  SUNDRY NOTICES AND REPORTS ON WELLS  STORE THIS FAMOURANT PARTY OF THE PROPERTY OF THE PR	TLE	/				The delices The Co
SUNDRY NOTICES AND REPORTS ON WELLS  SO NOT USE THIS POSSAGE AND REPORTS ON WELLS  SO NOT USE THIS POSSAGE AND REPORTS ON WELLS  OF SEC.  Name of Operator  Amono Production Company  Amono Production Company  Sammons Gas Com "C"  Address of Operator  501 Airport Drive  Farmington, NM 87401  Licelina dead  15. Elevation (Show whather DP. RT, CH. etc.)  16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data  NOTICE OF INTENTION TO:  Check Appropriate Box To Indicate Nature of Notice, Report or Other Data  NOTICE OF INTENTION TO:  SEPTIME AND ALE ARABOD  CHARGE PLANS  STREET  1. Describe Proposed or Completed Operation (Clearly state all portures details, and give pertinent date, including estimated date of starting any proposes  STREET  The State Cit Gods Lease No.  15. State Cit Gods Lease No.  16. Part of Lease No.  17. Operator  16. Part of Lease No.  18. Part o						
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7. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1703.  pudded a 12-1/4" hole on 5-1-80 and drilled to 302'. Set 9-5/8", 32.3# surface casing at 283 n 5-2-80 and cemented with 300 sx of class "B" Neat cement. Good cement was circulated to the urface.  rilled an 8-3/4" hole to 2390'. Set 7", 20.0# Intermediate casing at 2390' on 5-4-80 and cemed with 370 sx of class "B" Neat cement containing 50:50 Poz, 6% gel, 2# Medium tuf plug per stand .8% fluid loss additive. This was tailed in with 100 sx class "B" Neat cement. Good cement as circulated to the surface. Drilled a 6-1/4" hole to a TD of 6663'. Set 4-1/2", 10.5# procedion casing at 6663' on 5-10-80 and cemented with 415 sx of class "B" Neat cement containing 0:50 Poz, 6% gel, 2# Medium tuf plug per sx, and .8% fluid loss additive. This was tailed in ith 100 sx of class "B" Neat cement. Good cement was circulated to the surface.  DV tool was not required on this protecture. He rig was released on 5-10-80.  **SUPERVISOR DISTRICT # 5**  MAY 27 1980**	PULL ON ALTER CASING	J	CHANG	E PEANS	_	Spud & Set Casing
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B. I hereby certify that the information above is true and complete to the best of my knowledge and belief.  Supervisor District # 5  Supervisor District # 5  MAY 27 1980						
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8. I hereby certify that the information above is true and complete to the best of my knowledge and belief.  TITLE Dist. Adm. Supvr. DATE 5-22-80  SUPERVISOR DISTRICT # 5  MAY 27 1980			1 On this pr	ocedure.		(Qn)
8. I hereby certify that the information above is true and complete to the best of my knowledge and belief.  TITLE Dist. Adm. Supvr. DATE 5-22-80  SUPERVISOR DISTRICT # 5  MAY 27 1980	He tig was refeat	sea on 5.	-10-90. / JE	IN		
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8. I hereby certify that the information above is true and complete to the best of my knowledge and belief.  TITLE Dist. Adm. Supvr. DATE 5-22-80  SUPERVISOR DISTRICT # 5  MAY 27 1980			- CO.\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	(30)	14/	18 2 1 0 CM
8. I hereby certify that the information above is true and complete to the best of my knowledge and belief.  TITLE Dist. Adm. Supvr. DATE 5-22-80  SUPERVISOR DISTRICT # 5  MAY 27 1980			Sa	T.C.		1000
8. I hereby certify that the information above is true and complete to the best of my knowledge and belief.  TITLE Dist. Adm. Supvr. DATE 5-22-80  SUPERVISOR DISTRICT # 5  MAY 27 1980			-43%	TA FE STATE	·	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
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SUPERVISOR DISTRICT # 5 MAY 27 1980	IGNED /	fre	oboda		ist. Adm. Supvr.	DATE
PPROVED BY STATE SUPERVISOR DISTRICT # 3 DATE MAY 27 1986	76		A ==			
	PPROVED BY	130	Dave/	TITLE	PERVISOR DISTRICT # 3	MAY 27 1980

CONDITIONS OF APPROVAL, IF ANY:

DIXAM WHIT PO BLATA			•		30-04.	5-24782	
IEPSY AND MINERALS DEPA	HIMENT OIL	CONSERVATION	DM DIVISION		Form C-101 Revised 10-1-78		
DISTRIBUTION	3	P. O. BOX 20				Type of Lease	
SANTATE	5A	NTA FE, NEW ME	X1CO 87501		BIATE	1	
rue					S. Linte Oil 6	Gas Lound No.	
U.S.O.S. 2							
LAND DIFICE	-				2111111	LILLILLI.	
APPLICATIO							
Type of Work			<u></u>		7. Unit Agree.	ment Trume	
DRILL X		DEEPEN	PLUGE	ACK			
Type of Well		,			8. Firm or Le		
WELL X	OTHER INFI	LL '	SINGLE X MUL	TONE		s Gas Com "C"	
Hanie of Operator	00454104				9. Well No.	IE	
AMOCO PRODUCTI	ON COMPANY				10 Field and	Fool, or Wildoot	
Address of Operator	ive Farmington	, New Mexico 87	7401			in Dakota	
					MILLE	MANTHANA.	
UNIT LETTE	P Loc	ATED 315 re	LET FROM THESQUITE	LIHL			
a 865 FEET FROM	THE East CO	et or sec. 7	vp. 29N mae. 9	W MILLIA			
minninni.	mminni			111111	12, County		
					San Jua	u Allilii	
				9A. Formation		20. Hotory or C.T.	
			6772	Dakot	1	Rotary	
. i. iovations (Show whether I)F.		& Stetus Plug. Bond 2	1B. Crilling Contractor	Dakoi		Date-Work will start	
5549 GL		atewide	Unknown			15 <b>,</b> 1980	
	F	PROPOSED CASING AND	CEMENT PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF	CEMENT	EST. TOP	
12-1/4"	9-5/8"	32.3#	3001	30	O Surface		
8-3/4"	7"	20#	24521	37	30	Surface	
6-1/4"	4-1/2"	10.5#	6772!	40	00	23001	
oco proposes to dr 11 be drilled to t termediate with a sign will be based andard blowout pre on completion the s produced from th	he surface casi low solids nond on open hole 1 vention will be well location w	ng point using rispersed mud sysogs. Copy of alemployed; see a	native mud. The stem and then to il logs will be attached drawing and the reserve	well with tiled up for bloom pit fill	ill then be air. Copon compleowout prev	oe drilled to ompletion etion. Amoco's venter design.	
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	OMITIA TE	OI DEXPIRES			15.1980 COM	NO TOPOLEO HEW COODS	
ABOVE SPACE DESCRIBE PE	IOPOSED PROGRAMI IP ER PRUGRAM, IF ANT.	PROPOSAL IS TO DEEPEN OF	PLUS MACH, SIVE DATA OF	AF	CON. COM	14	
reby certify that the informati	on stove le que end con	plete to the beet of my kn	yowledge and bellef.	OIL	CON. 3		
X9 Am	- Vac V	D: -1-	ict Engineer		Λ -4	il 15, 1980	
ard Dicio		Title UISTE	ict Engineer	-	Dute P	11 121 1200	
(This space for	State Use)		IL 3				
7 7	7 W/	SUPERVISOR	DISTRICT # 3		APF	7 1 5 1980	
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HOITIONS OF APPROVAL, II	FANYI						

NWU 12046

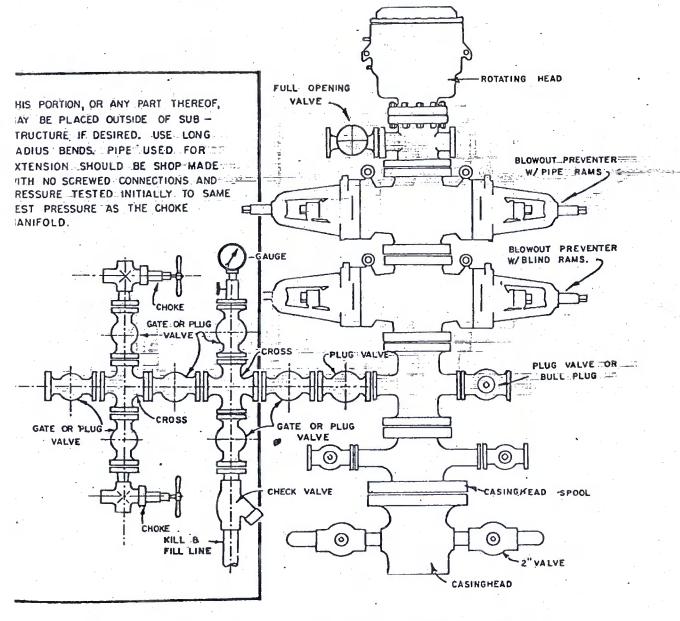
# NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102 Supersedes C-128 Effective 1-1-65

		All distances must b		underles of	the Section.		Well No.
rator			Ledse				
AMOCO PRODUCTION COMPANY				SAMMONS GAS COM "C"  Renge County			1 1-E
Letter Secti	on	Township			-		
P	7	29N	9W		San J	uan	
al Footage Location o		Cauth	a 865		1 No. 19	ast	line
	from the Producing Form	South line on	Pool	[88]	from the	450	Dedicated Acreage:
ind Level Elev:	Dakota		Basin D	lakota			331.68 Acres
5549						-arks on t	
2. If more than o	ne lease is yalty).		vell, outline eac	h and ide	entify the o	wnership	thereof (both as to working
A Yes unit except for answer is this form if necessity with the control of the co	No If ar or 18.38 a in the dr no; list the essary.)	nitization, force-ponswer is "yes," type cres in western illing of the wowners and tract detect to the well until	oling.etc? e of consolidation part of NW/ rell or farmorescriptions which	on Commu 4 Section the h have a	unitizati ion 18, w acreage crusily bee	on - Am hich is footbook	oco owns all acreage owned by El Paso. The dated (Use reverse side of mmunitization, unitization, n approved by the Commis-
sion.		s previously ap					CERTIFICATION
K-2040		1				I hereby	certify that the information con-
			1				nerein is true and complete to the
	_			_			my knowledge and belief.
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			1			1	E. Fachur
Dedication:		Sec	1			Name	
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Section 18		9	14%			Company	a propugatou golanium
		William.	<del>,,,,,,,,,</del>	7.77			O PRODUCTION COMPANY
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		AMOW FEE	AMOCO FEE			LAIL	the best of my
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			1			te	KAN KEY EX
			l			Fred	B. Kerr Jr. S.
			<u> </u>		•	Certifica	No. REO B. KERR
Sca	ale: 1"=200	001				3950	

Blowout Preventers and Master Valve to be fluid operated, and all fittings must be in good condition.

- Equipment through which bit must pass shall be as large as the inside diameter of the casing that is being drilled through.
- Nipple above Blowout Preventer shall be same size or larger than BOP being drilled through.
- All fittings to be flanged.
- Omsco or comparable safety valve must be available on rig floor at all times with proper connection or sub. The I.D. of safety valve should be as great as I.D. of tool joints of drill pipe, or at least as great as I.D. of drill collars.



## BLOWOUT PREVENTER HOOKUP

API Series # 900

EXHIBIT D-4
OCTOBER 16, 1969

Operation of BOP by closing both pipe and blind rams will be tested each trip or, on long bit runs, pipe rams will be closed once each 24 hours.



## United States Department of the Interior

#### BUREAU OF LAND MANAGEMENT

New Mexico State Office 1474 Rodeo Rd. P.O. Box 27115

IN REPLY REFER TO: 3160 (921)

Santa Fe, New Mexico 87502-0115

NGPA Location: 435 Montano Road NE, Albuquerque, NM 87107-4935

CERTIFIED MAIL NO. P 071 878 823

July 26, 1993

RETURN RECEIPT REQUESTED

Marilyn L. Rand, Director Division of Producer Regulation Federal Energy Regulatory Commission 825 North Capitol Street NE Washington, DC 20426

Dear Ms. Rand:

This jurisdictional agency hereby designates the Mesaverde formation underlying the following described lands in the Blanco Mesaverde Area of the Blanco Mesaverde Pool located in San Juan and Rio Arriba Counties, New Mexico, as a tight formation, BLM Docket No. NM-1813-92, under Section 107 of the NGPA:

#### Township 27 North, Range 7 West, NMPM

Sections 1 through 12: All Section 15: W 1/2 Sections 16 through 21: All Section 22: W 1/2 Section 27: NW 1/4 Section 28: N 1/2 Sections 29 and 30: All

#### Township 27 North, Range 8 West, NMPM

Sections 1 through 36: All

#### Township 28 North, Range 7 West, NMPM

Sections 7 through 36: All (Irregular Township)

#### Township 28 North, Range 8 West, NMPM

Sections 7 through 36: All (Irregular Township)

#### Township 28 North, Range 9 West, NMPM

Sections 7 through 36: All (Irregular Township)

#### Township 28 North, Range 10 West, NMPM

Sections 7 through 36: All (Irregular Township)

#### Township 29 North, Range 7 West, NMPM

Sections 1 through 36: All

#### Township 29 North, Range 8 West, NMPM

Sections 1 through 36: All

- Township 29 North, Range 9 West, NMPM Sections 1 through 36: All
- Township 29 North, Range 10 West, NMPM Sections 1 through 36: All
- Township 29 North, Range 11 West, NMPM Sections 1 through 36: All
- Township 30 North, Range 7 West, NMPM Sections 1 through 36: All
- Township 30 North, Range 8 West, NMPM Sections 1 through 36: All
- Township 30 North, Range 9 West, NMPM Sections 1 through 36: All
- Township 30 North, Range 10 West, NMPM Sections 1 through 36: All
- Township 30 North, Range 11 West, NMPM Sections 1 through 36: All
- Township 31 North, Range 6 West, NMPM
  Sections 6 and 7: All
  Sections 18, 19 and 30: All
- Township 31 North, Range 7 West, NMPM Sections 1 through 36: All
- Township 31 North, Range 8 West, NMPM Sections 1 through 36: All
- Township 31 North, Range 9 West, NMPM Sections 1 through 36: All
- Township 31 North, Range 10 West, NMPM Sections 1 through 36: All
- Township 31 North, Range 11 West, NMPM Sections 1 through 36: All
- Township 32 North, Range 10 West, NMPM Sections 1 through 36: All
- Township 32 North, Range 11 West, NMPM Sections 1 through 36: All

The total area encompasses 480,076 acres, more or less, occupying 750 square miles of the north central San Juan Basin located in San Juan and Rio Arriba Counties, New Mexico. The designated area consists of 78.68% Federal, 0.33% Navajo Allotted, 12.08% State and 8.91% Fee Lands.

The applicant is Amoco Production Company, Southern Rockies Business Unit, P. O. Box 800, Denver, Colorado 80201. The application was prepared by Rose Exploration, Inc., 518 17th Street, Suite 740, Denver, Colorado 80202.

Existing Federal and State of New Mexico Regulations administered by the U.S. Bureau of Land Management and the New Mexico Oil Conservation Division relating to drilling, casing, and cementing of wells are in effect to help assure that development of the Mesaverde formation will not adversely affect or impair any fresh water aquifers.

The estimated average  $\underline{in\text{-situ}}$  gas permeability, throughout the pay section, is expected to be 0.1 millidarcy or less.

The stabilized production rate, against atmospheric pressure, of wells completed for production in the Mesaverde formation, without stimulation, is not expected to exceed the maximum production rate contained in the FERC tight formation guidelines.

No well drilled into the designated tight formation is expected to produce, without stimulation, more than five barrels of crude oil per day.

The formation has been authorized to be developed by infill drilling. This incentive no longer applies as the purpose of this tight formation area designation is to obtain IRS Section 29 tax credits.

The applicant does not seek to qualify gas produced from the tight formation for the incentive price.

Evidence was presented by the applicant to the BLM and the New Mexico Oil Conservation Division. The exhibits and other documentation are enclosed. The BLM Tight Formation Review and Technical Report is enclosed.

Included with this designation is a letter dated July 26, 1993, from the Chief Hearing Officer/Engineer, New Mexico Oil Conservation Division signifying their concurrence with this designation.

It is requested that this jurisdictional agency be advised in writing when the 45 day review period will end and the appropriate FERC State No. (NM-\_\_) assigned to this tight formation be included.

Persons objecting to this determination may file a protest directly with the Federal Energy Regulatory Commission, in accordance with 18 CFR Part 275.203 and 275.204, within 20 days after the notice is published in the Federal Register by the FERC.

If you have any questions please contact Allen F. Buckingham at (505) 761-8765 or FAX (505) 761-8911.

Sincerely yours,

for Deputy State Director
Lands and Minerals

Enclosures

cc:

Amoco Production Company (J. W. Hawkins) (w/BLM Tech Rept)
Rose Exploration, Inc. (Mike Wynne) (w/BLM Tech Rept)
New Mexico Oil Conservation Div. (Michael Stogner) (w/BLM Tech Rept)
NM-921 (Steve Salzman)
NM-011 (Tom Hewitt/NGPA Liaison)

the comments address issues of feasibility and cost-effectiveness. These and any future comments on the nenrecerat residential standards will be Sections 1-12-All: Federal residential standards will be applicability, to the Federal residential standard development required by the Energy Policy Act of 1992.

Issued in Washington; DC. August 5, 1993; Robert L. San Martin,

Acting Assistant Secretary: Energy Efficiency and Renewable Energy.

IFR Doc. 93-19409 Filed 8-11-93; 8:45 am BILLING CODE 6540-01-P-

#### Federal Energy Regulatory Commission

[Docket No. JD93-13529T New Mexico-48]:

United States Department of the Interior, Bureau of Land Management; NGPA Notice of Determination by Jurisdictional Agency Designating Tight Formation

August 6, 1993.

Take notice that on July 30, 1993, the -United States Department of the: Interior's Bureau of Land Management (BLM) submitted the above-referenced notice of determination pursuant to § 271.703(c)(3) of the Commission's regulations, that the Mesaverde Group underlying certain lands in the Blanco Mesaverde Area of the Blanco Mesaverde Pool in San Juan and Rio Arriba Counties, New Mexico, qualifies. as a tight formation under section 107(b) of the Natural Gas. Policy Act of 1978. The area of application covers approximately 480,076 acres, more or less, and consists of 78.68% Federal, 0.33% Havajo Allotted, 12.08% State and 8.91% Fee Lands. The recommended area is described on the attached appendix.

The notice of determination also contains BLM's and the New Mexico Department of Energy, Minerals and Natural Resources' findings that the referenced portion of the Mesaverde Group meets the requirements of the Commission's regulations set forth in 18

CFR part 271.

The application for determination is available for inspection, except for material which is confidential under 18 CFR 275.206, at the Federal Energy Regulatory Commission, 825 North Capitol Street, NE., Washington, DC. 20426. Persons objecting to the determination may file a protest, in accordance with 18 CFR 275,203 and

on non-Federal residential buildings are 275.204, within 20 days after the date 32.2 lso relevant to a building energy hards this notice is issued by the Commission andard for Federal residences because Linwood A. Walson, Jr. Acting Secretary Acting Secretary.
Appendix

TOWNSHIP 27 NORTH, RANGE 7 WEST

Section 15: W/2
Sections 16-21: All
Section 27: W/Z
Section 27: NW/4

Section 28: N/2

Sections 29-30: All

TOWNSHIP 27 NORTH: RANGE 8 WEST

Sections 1-36:All:

TOWNSHIP 28 NORTH, RANGE:7 WEST TOWNSHIP 28 NORTH, RANGE & WEST TOWNSHIP 28 NORTH, RANGE 9 WEST TOWNSHIP 28 NORTH, RANGE 10 WEST

Sections 7-36: All (Irregular Township). TOWNSHIP 29 NORTH, RANGE 7 WEST TOWNSHIP'29 NORTH\_RANGE 8 WEST TOWNSHIP 29 NORTH, RANGE 9 WEST TOWNSHIP 29 NORTH, RANGE 10 WEST TOWNSHIP 29: NORTH, RANGE 11: WEST TOWNSHIP 30: NORTH, RANGE 2 WEST TOWNSHIP 36 NORTH, RANGE & WEST TOWNSHIP 30 NORTH, RANCE 9 WEST

TOWNSHIP 30 NORTH, RANGE 10 WEST TOWNSHIP 30 NORTH, RANGE 11 WEST

Sections 1-36: All

TOWNSHIP 31 NORTH, RANGE 6 WEST

Sections 6-7: All

Sections 18-19: All

Section 30: All:

TOWNSHIP 31 NORTH, RANGE 7 WEST TOWNSHIP 31 NORTH, RANGE 8 WEST TOWNSHIP 31 NORTH, RANGE 9 WEST

TOWNSHIP 31 NORTH, RANGE 10 WEST TOWNSHIP 31 NORTH, RANGE 11 WEST

Sections 1-36: All

TOWNSHIP 32 NORTH, RANGE 10 WEST TOWNSHIP 32 NORTH, RANGE 11 WEST Sections 7-36: All (Irregular Township)

[FR Doc. 93-19327 Filed 8-11-93;:8:45 am] BILLING CODE 6717-01-M

> Final on 13 Sop 93. OK 90, 076 acres. mU Group

NM-1813-92

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#### State of New Mexico



ENERGY AND MINERALS DEPARTMENT

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	OIL CONSERVATION DIVISION		-			
	2040 Facilieco St. 1220 S	ooth St. Francis Dr.	5A. Indicate Type of Lease			
OR DIVISION						
	ATION FOR WELLHEAD PRICE CEILING CATEGORY D	ETERMINATION	STATE X FEE			
APPROPIATE FILING FEE(S) ENCLOS	70	- FILING FEE(S) -	3. State Oil & Gas Lease No.			
DATE COMPLETE APPLICATION FILED ATE DETERMINATION MADE	7	Effective October 1, 1986, a non-refundable filing fee of \$25.00 per category for each	7. Unit Agreement Name			
WAS APPLICATION CONTESTED?	YES NO	application is mandatory. (Rule				
NAME(S) OF INTERVENORS(S), IF AN	-40	2, Order No. R-5878-8-3	8. Farm or Lease Name State Gas Com BF			
Name of Operator P America Production Company			9. Well No.			
Address of Operator			10. Field and Pool, or Wildcat			
O. Box 3092 Houston, TX 77253			Blanco Mesaverde			
Location of Well UNIT LETTER	LOCATED 1775 FEET FROM THE	SOUTH LINE	12. County			
AND 1650 FEET FROM THE EA	ST_ LINE OF SEC. 16 TWS. 29N R	GE 09W NMPM	San Juan			
Name and Address of Purchaser(s)						
Paso Field Services						
<ol> <li>Filing Fee(s) Amou</li> <li>All applications mu</li> <li>a. C-101</li> <li>b. C-102</li> <li>c. DIRE</li> <li>d. AFFII</li> <li>In addition to the a</li> </ol>	APPLICATION FOR PERMIT TO DRILL, E WELL COMPLETION OR RECOMPLETIO CTIONAL DRILLING SURVEY, IF REQUIR DAVITS OF MAILING OR DELIVERY bove, all applications must contain the items re recial Reules of Applications for Wellhead Price lows:  A. NEW NATURAL GAS UNDER SEC. 10  All items required by Rule 14 (1) and/o B. NEW NATURAL GAS UNDER SEC. 10  All items required by Rule 15 C. NEW ONSHORE PRODUCTION WELL  All items required by Rule 16a OR Rule D. SEC. 107 HIGH COST NATURAL GAS PRODUCTION ENHANCEMENT) UNDER  All items required by Rule 17 (1), Rule	N REPORT ED UNDER RULE 111  quired by the applicable rule Ceiling Category  2 (c) (1) (B) (using 2.5 Miles or Rule 14 (2) 2 (c) (1) (C) (new onshore re  UNDER SEC. 103 e 16B (TIGHT FORMATION, DEE SEC. 103 e 17 (2), Rule 17 (4), or Rule	eservoir) P, COAL SEAM, AND			
, HEREBY CERTIFY THAT THE INFORMA	E. STRIPPER WELL NATURAL GAS UNI All items required by Rule 18	FOR DIVISION USE (	ONLY			

HEREBY CERTIFY THAT THE INFORMATION CONTAINED
HEREIN IS TRUE AND COMPLETE TO THE BEST OF MY
(NOWLEDGE AND BELIEF.

Mary Corley

NAME OF APPLICANT (TYPE OR PRINT)

SIGNATURE OF APPLICANT

Fitle Senior Regulatory Analyst

Date December 18, 2002

Approved
Disapproved
The information contained herein includes all of the information required to be filed by the applicant under Subpart 8 of Part 274 of the FERC regulation
Market I tu
EXAMINER

	E NGPA WELL CATEGORY DETERMINATION IS BEING SOUGHT FOR A WELL UCING:
	A1 occluded natural gas from coal seams. A2 natural gas from Devonian shale. A3 _X natural gas from a designated tight formation.
B. FOI	R ALL APPLICATIONS FOR DETERMINATION PROVIDE THE FOLLOWING:
1.	Well Name and No.* State Gas Com BF #1E
2.	Completed in (Name of Reservoir) * Mesaverde
3.	Field * Blanco Mesaverde
4.	County * San Juan
5.	State * New Mexico
6.	API Well No. (14 digits maximum. If not assigned, leave blank.) 30-045-26235
9.	Measured Depth of the Completed Interval (in feet) TOP 3878' BASE 4906'
C. AF	PPLICANT'S MAILING ADDRESS AND THE IDENTITY OF THE PERSON WHO IS
RESPO	ONSIBLE FOR APPLICATION:
1.	Applicant's Name * BP America Production Company
2.	Street * 501 Westlake Park BLVD
3.	City * Houston
4.	State* Texas 5. Zip Code 77079
6.	Name of Person Responsible * Mary Corley
7.	Title of Such Person * Senior Regulatory Analyst
8.	Signature // My / Signature and Phone No. (281) 366 - 4491
*	SIGNIFIES THAT LINE ENTRY MAY CONTAIN UP TO 35 LETTERS AND/OR NUMBERS.



September 23, 2002

State of New Mexico
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Application For Well Category Determination NGPA Section 107
State Gas Com BF Well No. 1E – Mesaverde San Juan County, New Mexico

San Juan Business Unit

Mary Corley WL1-19.171 281-366-4491 (direct) 281-366-0700 (FAX)

P. O. Box 3092 Houston, Texas 77253-3092 501 Westlake Park Boulevard Houston, Texas 77079



Amoco Production Company is enclosing, for review and approval by the Oil Conservation Division, the original and one copy of an Application for Well Category Determination for the referenced well. Please hold the information in the filing confidential to the maximum extent allowed by law.

A copy of this letter and the FERC Form 121 has been mailed to each working interest owner entitled to receive Notice of this Application.

Please indicate receipt of this filing by date stamping the attached copy of this letter and returning the copy for our records.

Very truly yours,

Mary Corley

Sr. Regulatory Analyst

**Enclosures** 

Cc: Working Interest Owners



December 30, 2002

State of New Mexico
Oil Conservation Division
2040 Pacheco St.
Santa Fe, New Mexico 87505

Application For Well Category Determination NGPA Section 107
San Juan County, New Mexico

San Juan Performance Unit

Mary Corley WL1-19.171 281-366-4491 (direct) 281-366-0700 (FAX) corleyml@bp.com

P. O. Box 3092 Houston, Texas 77253-3092 501 Westlake Park Boulevard Houston, Texas 77079



Attached please find a check in the amount of \$50.00 payable to the State of New Mexico for NGPA Section 107 Well Category Determinations for the below listed BP America Production Company wells.

State Gas Com BF Well # 1E Mesaverder Pool NM 48 80 - 045 - 21235
Sammons Gas Com C Well # 1E Mesaverde NM - 48

Also enclosed, for review and approval by the Oil Conservation Division, are the original and one copy of an Application for Well Category Determination for each of the referenced wells.

Very truly yours

Sr. Regulatory Analyst

**Enclosures** 



BP America Production Company 509 South Boston Tulsa, OK 74103 62-20 311 CHECK NO. 0800526742

12/19/02

STATE OF NEW MEXICO 2040 PACHEO ST SANTA FE, NM 87505 US

\*\*\*\*\*\*\*\$50.00

NOT VALID AFTER 6 MONTHS

Fifty and 00/100 Dollars

TRACE NUMBER:

2000406307

Authorized State ature

CITIBANK DELAWARE. A SUBSIDIARY OF CITICORP ONE PENN'S WAY, NEW CASTLE, DE 19720

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State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102 Revised October 18, 1994 Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

2.O. Box 1980, Hobbs, NM 88240 DISTRICT II

311 South First., Artésia, NM 88210

DISTRICTIII

DISTRICT I

1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV

2040 South Pacheco, Sante Fe, NM 87505

#### OIL CONSERVATION DIVISION

2040 South Pacheco Santa Fe, New Mexico 87505

#### WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number			Pool Co	de	Pool Na	ame				
30-0	045-262	235		72319		Blanco Measverde				
Property Code		Property Name						Well Num	iber	
001071				Sta	ate Gas Com E	3F			1E	
OGRID No.		Operator Name						Elevation		
000778				AMOCO PI	RODUCTION	COMPANY		(	858' GR	
				Su	rface Loc	ation				
UL or lot no. S	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West Line	County	
UNIT I	16	29N	9W		1775	SOUTH	915'	EAST	San Juan	
		Botto	m Hole	Location	If Differer	nt From Surf	ace			
UL or lot no. S	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West Line	County	
Dedicated Acreage:		Joint or Infill	Cons	olidation Code	Order No.					
320										

## OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

		OPERATOR CERTIFICATION
	}	I hereby certify that the informtion contained herein is true and complete to the best of ppy knowledge and belief
	}	Signature Signat
	}	Printed Name
	{	MARCY COPIES
	<b>{</b>	Position Sr. Business Analyst
		Date 01/26/2000
	<b>S</b>	SURVEY CERTIFICATION
		I hereby certify that the well location shown on this plat was plotted from hold notes of actual surveys made by me or under my supervision, and that the same is true and correct to the bast of my knowledge and balled.
	915.	01/08/1985
	}	Date of Survey
·		Signature & Seal of Professional Surveyor
		Gary D. Vann
	}	Certificate No.
		7016

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4-9-85	Ib. Date T.D. R	eached 17. Date	Compl. (Ready	to Prod.) 18.	Elevations (DF, RKB	, RT, GR. etc. I 10	Elev. Coehinsten
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26. Type Electric and	Other Logs Run						Yes
						27. Wo	s Well Cored
IDE-SML-G	R-CAL, DIL-					N.	0
CASING SIZE		CASI	NG RECORD (F	Report all string	s set in well)		
9-5/8"	WEIGHT LB./		SET +	IOLE SIZE	CEMENTING	RECORD	AMOUNT PULLED
7"	36#,K5		1 2	1-1/4"	295 cf C1		AHOOM1 FOLLED
	20#,K5	5 2690	' 8	3-3/4"			land tailed in
					with 118 cf	Class P P.	dand tailed in
4-1/2"	11.6#,K	55 6913	' 6	-1/4"	1309 cf Cla	CLASS D P	artiand
ę,	LII	NER RECORD			120 0 01 014		poz and (ove
SIZE	TOP	воттом	SACKS CEMEN	-	30.	TUBING RECO	RD
			SACKS CEMEN	SCREEN		DEPTH SET	PACKER SET
					2-3/8"	6887'	
. Perforation Record	Unterval size and						
6676'-6696	0',6760'-6	14moer) 7761 / ±	. 6 . 50!!	32.	ACID, SHOT, FRACT	URE, CEMENT SQUI	EEZE, ETC.
in diamet	- , 0 / 0 0 - 0	//0 ,4 ]S	or,.50"		INTERVAL	AMOUNT AND KINE	
6850'-600	er, total	or IZU ho	les.	6676'-	6776' 70,		quality foam
for a +0+	0', 4 jspf		diamete		and		20-40 sand.
LUL a LUL	al of 200 1	noles.		6850'-	6900' 70.	000 gal 30#	crosslinked
					gel	and 75.000	#20-40 sand.
Re First Production	-		PRO	DUCTION			3-0 70 3and
	Producti	on Method (Flowin	ig, gas lift, pun	nping - Size an	d type pump)	Well Status	Prod. or Shut-in)
5-8-85	F J	lowing				Shut-i	
te of Test	Hours Tested	Choke Size	Prod'n. For	Oil - Bbl.	Gas - MCF		
5-9-85	3 hrs.	.75"	Test Period	1	635	THE - BDI.	PARMINGTON DETR
Tubing Press.	Casing Pressure	Calculated 24-	OII - Bbl.	Gas - M			
410 psig	1105 psig	Hour Rate		1		Oil Gr	ravity - API (Corr.)
Disposition of Gas (	Sold, used for fuel	vented, etc.)		50	02		WH
To be sold	, , , , , , , , , , , , , , , , , , , ,	,,				Test Witnessed By	00.
List of Attachments						Bryan Ser	vicesTK.
None	,						. Ut
	44 - 2 - 4						HIMAM
Control Certify that	the information shot	on on both sides o	f this form is tr	ue and complete	e to the best of my kno	wledge and belief	300
1	///						SAN
SIGNED	<u>u</u> no	w	3.04.0	Adm. Su	pervisor	6-7	
			TITLE			6-7	
			•				

Form C-104 District I State of New Mexico Revised October 18, 1994 PO Box 1980, Hobbs, NM 8,824 Energy, Minerals & Natural Resources Department Instructions on back District II OIL CONSERVATION DIVISION Submit to Appropriate District Office 811 South First, Artesia, NM 88210 2040 South Pacheco District III Santa Fe, NM 87505 1000 Rio Brazos Rd., Aztec, NM AMENDED REPORT District IV 2040 South Pacheco, Santa Fe, NM REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT <sup>2</sup> OGRID Number 1 Operator name and Address 000778 Amoco Production Company 3 Reason for Filing Code P.O. Box 3092 Recompletion Houston, TX 77253 6 Pool Code <sup>4</sup> API Number <sup>5</sup> Pool Name 30 - 045 - 26235 72319 Blanco Mesaverde <sup>9</sup> Well Number <sup>8</sup> Property Name <sup>7</sup> Property Code 1E State Gas Com BF 001071 10 Surface Location II East/West North/South Feet from County Ul or lot Township Range Lot.Idn Feet from the Section Line the line no. South 915 East San Juan 29N 9W 1775 I 16 11 Bottom Hole Location East/West Feet from the North/South Feet from County Section Lot Idn Township Range UL or lot the line no. 15 C-129 Permit 17 C-129 Expiration 16 C-129 Effective Date 12 Lse Code 14 Gas Connection <sup>13</sup> Producing Method Number Date Code Date S (State) F III. Oil and Gas Transporters

18 Transporter 19 Transporter Name 20 POD <sup>21</sup> 0/6 22 POD ULSTR Location and Description and Address OGRID EL PASO FIELD SERVICES G 151618 P.O. BOX 4490 FARMINGTON, NM 87499

5 Copies

567897 GIANT REFINING CO 0 SEP 2000 9018 RECEIVED P.O. BOX 12999 SCOTTSDALE, AZ 85267 IV. Produced Water

<sup>24</sup> POD ULSTR Location and Description POD ulasian Nas

25 Spud Date 04-09-1985	<sup>26</sup> Ready Date 08/30/00	<sup>27</sup> TD 6914'	<sup>28</sup> PBTD 6906'	<sup>29</sup> Perforations 3878' - 4906'	30 DHC, DC,MC DHC	
31 Hole Size	32 Casing	32 Casing & Tubing Size		et	34 Sacks Cement	
12 ‡"		9 5/8"	339'	339' 230 5X5 to 5		
8 1"		7"	2690'	300 5X	S Lead & Tail to SURF	
6 ‡" (Production Line	er)	4 ‡"	6913	430 S	430 SXS CLS A 50/50 (TOC Unknown)	
Tubing		2 3/8"	6887			

/I. Well Test Data 35 Date New Oil	<sup>36</sup> Gas Delivery Date	<sup>37</sup> Test Date 08/28/00	38 Test Length 12 hrs	<sup>39</sup> Tbg. Pressure	<sup>40</sup> Csg. Pressure 370#		
41 Choke Size	42 Oil Trace	43 Water Trace	44 Gas 1100 MCF	<sup>45</sup> AOF	46 Test Method F		
have been complied witrue and complete to Signature:	at the rules of the Oil Cons th and that the information the best of may knowledge a	n given above is	ànnamed but	CONSERVATION DIVIS			
Printed name: Melissa Velasco-Price  Title: Permitting Assistant			Approval Date: SEP - 6 2000				
Date: 9-1-00	Phone: 281	-366-2548					
<sup>48</sup> If this is a chang	e of operator fill in the O	GRID number and	name of the previous op	erator			
Provinus (	Operator Signature		Printed Name	Titl	e Date		

Submit to		State of Ne	w Mexico	1		Revis	sed 1-1-89
Appropriate District Office State Lease - 6	Er	nergy, Minerals and	Natural Resource	0 C 42	WELL APANO		
DISTRICT I P.O. Box 1980, Hobbs	, NM 88240	OIL CONSERVAT	വവവ 🖟 🖼	SED OF		30-045-26235	
DISTRICT II P.O. Drawer DD, Artes	sia, NM 88210	Santa Fe, New Mex	rico 87504 2088	RECEIVE	9. Indicate Type	of Lease STATE	FEE
DISTRICT III	NA 05440			DIST. 3	W State Oil & Ga	is Lease No.	
1000 Rio Brazos Rd.,		001401 571011 577	,				
	OMPLETION OR RE	COMPLETION REP	ORT AND LOS		91/2		
1a. Type of Well: OIL WELL  b. Type of	GAS WELL.	DRY OTHER		saille	State Gas Com B	r Unit Agreemer F	it Name
	DEEPEN PLUC	DIFF X 0	THER				
2. Name of Operator		Atten			8. Well No.		
Amoco Production Co			Melissa Velasco			1E	
3. Address of Operato		77253 3002	(281) 366-	2548	9. Pool name or	Wildcat anco Mesaverde	
P.O. BOX 3092 4. Well Location	Houston TX.	77203-3092	. =			arico iviesaverde	
	:1775' Feet	From The Sou	th Line and	915'	Feet From	The East	Line
Section 16	Town	nship 29N	Range 9W	NMF	M San Juar	1	County
10. Date Spudded 04-09-85	11. Date T.D. Reached 04-16-85	12. Date Compl. (Rea 08-30-00			F & RKB, RT,GR,et	c.) 14. Elev.	Casinghead 5832'
	16. Plug Back T.D				Rotary Tools	Cable T	ools
0914	0900		ones:	Dinied	150	N	IO :
19. Producing Interva 3878' - 49	l(s), of this completion -	Top, Bottom, Name	Blar	co Mesaver		Was Directional S	Burvey Made
21. Type Electric and	Other Logs Run CBL				22. Was Well Co	red	
23.	CAS	ING RECORD (Re	port all string	s set in	well)		
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CH	EMENTING RECO		OUNT PULLED
9 5/8"	36#	339'	12 1/4"			SURF 9	59
7"	20#	2690'	6 1/4"	300	SXS 594 to	SURF	
					!		
	1.1						
24.		INER RECORD		25.		BING RECORD	
SIZE		BOTTOM SACKS CI		1	SIZE	DEPTH SET	PACKER SET
4 1/2"	Upknown	6913' 430 S	SXS 2		2 3/8"	6887'	
26 Perforation reco	rd (interval, size, and nu	mher)	27. AC	TOHO OI	FRACTURE, CE	MENT SOURE	7F FTC
1. 4705' - 4906	2 JSPF, .340 inch dia	meter, total 22 shots		INTERVAL		AND KIND MATE	
2. 4576' - 4687	1 JSPF, .340 inch dia	meter, total 16 shots	4576'	4906'	80,000# 16/3	O Arizona Sand &	70% Quality N2
3, 4216' - 4474' 4, 3986 - 4086'		neter, total 30 shots neter, total 18 shots	4216'	4474'	80,000# 16/3	O Arizona Sand &	k 70% Quality N2 k 70% Quality N2
5 3878' - 3963'		meter, total 14 shots	3878'	3963'	- 80,000# 16/3	U Artzona Sana d	1 VOYS CENTURY LAS
28.	Dun dun		RODUCTION	es and time	numn	Well Status (Pro	od or Shut-in
Date First Production	Flowing	tion Method <i>(Flowing, g</i>	as mit, pumping - Si	ze ana type	pump)	SI	oa. Or onat my
Date of Test		Choke Size Prod'n I	For Oil - Bbl.	Gas -	MCF Wate	r - Bbl.	Gas - Oil Ratio
28 Aug 2000		Choke3 Size Test Per		110	00   Tr	ace	
Flow Tubing Press.	8	Calculated 24- Oil - B Hour Rate	bl. Gas - Mo	CF Wa	ater - Bbl.	Oil Gravity - 1	API - (Corr.)
29. Disposition of Gas	(Sold, used for fuel, ver	nted, etc.)			Test Witn	essed By	
30. List Attachments		To be Sold					
91 / 1	1 / 11 * 2 / 11 * 1	1 k./k	form is large and a	mnlete 1- 1	he heet of !	owlhdan and br	liaf
31. I nereby certify t	hat the information show	wn on both sides of this Printed	s torm is true and co	пприесе со с	ne vest of my kn	ownedge and be	_
Signature_	1 IN And	Printed Name —	Melissa Velaso	oT	itle Terunt	10 15-8 Da	09-01-200 te

# COMPLETION SUBSEQUENT REPORT State Gas Com BF 1E 09/01/00

08/14/00 MIRUSU @ 0800 hrs. NDWH & NU BOP's. TOH w/TBG. PU & TIH w/4.5" CIBP & tried to set @ 5100'. Packed did not set right. SDFN.

08/15/00 TIH & set CIBP @ 5090'. Loaded hole & Pressure Tested CSG to 2500#. Held Ok. TIH & Ran a CBL Log. Had good bond. RU & Perf the Lower Point Lockout formation @ the following intervals with 2 JSPF, .340 inch diameter, total 22 shots:

4906'	4828'	4764'	4732'
4890'	4866'	4748'	4705'
4818'	4800'	4744'	

RU & Perf the Upper Point Lookout as follows w/1 JSPF, .340 inch diameter, total 16 shots:

4687	4658'	4624'	4596'
4680'	4650'	4616'	4592'
4670'	4644'	4611'	4580'
4664'	4628'	4604'	4576'

08/19/00 RU & Frac Lower & Upper Point Lookout pumped w/80,000# 16/30 Arizona sand & 70% Quality N2 Foam. RU & set CIBP @ 4515'.

Perf the Menefee Formation @ the following intervals with 2 JSPF, .340 inch diameter, total 36 shots:

4474'	4362'	4278'	4230'
4462'	4358'	4268'	4225'
4456'	4356'	4262'	4216'
4452'	4333'	4250'	
4366'	4284'	4235'	

RU & Frac Menefee pumped w/80,000# 16/30 Arizona\_sand & 70% Quality N2 Foam. RU & set CIBP @ 4140'.

Perf the Cliffhouse Formation @ the following intervals with 1 JSPF, .340 inch diameter, total 18 shots:

4086'	4052'	4030'	4012'	3995'
4082'	4048'	4026'	4006	3986'
4078'	4044'	4024'	4004'	
4072'	4034	4018'	4000'	*

#### COMPLETION SUBSEQUENT REPORT State Gas Com BF 1E 09/01/00

Perf the Lewis Formation @ the following intervals with 2 JSPF, .340 inch diameter, total 14 shots:

3963' 3914' 3887' 3878' 3929' 3894' 3882'

08/22/00 RU & Frac Cliffhouse pumped 500 GAL of 15% HCL Acid ahead then Frac w/80,000# 16/30 Arizona sand & 70% Quality N2 Foam. RU to flow frac back through  $\frac{1}{4}$ " choke all night.

.08/23/00 Continued flow back on  $\frac{1}{4}$ " choke. After 4 hrs. changed out choke to  $\frac{1}{2}$ " choke @ 1500 hrs. changed to  $\frac{1}{4}$ " choke. SI for Night.

08/24/00 TIH w/Mill to the top of CIBP @ 4515'. Drilled out CIBP & CIRC down to & tagged fill @ 4990'. CIRC out sand to the top of CIBP @ 5090'. PU above Perfs & SDFN.

08/25/00 TIH w/TBG & tagged fill @ 4460'. RU Air & CIRC hole clean to the top of CIBP @ 5090'. RU well to run flow test.

08/28/00 TIH & found no fill. Tagged top of CIBP @ 5090'. Drilled out CIBP & CIRC hole clean to PBTD @ 6906'. PU above Perf & flowed well through 3" line.

08/29/00 TIH w/TBG & check for fill. Found only 1' of fill. TOH w/TBG & landed @ 6666'. ND BOP's & NUWH. Shut well in.

08/30/00 RDMO5U Rig released @ 0800 hrs.

State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102 Revised October 18, 1994

#### Submit to Appropriate District Office State Lease 4 Copies Fee Lease - 3 Copies

#### DISTRICT II **OIL CONSERVATION DIVISION**

311 South First., Artesia, NM -88210

P.O. Box 1980, Hobbs, NM 88240

DISTRICTIII 1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV

DISTRICT I

2040 South Pacheco, Sante Fe, NM 87505

### 2040 South Pacheco

Santa Fe, New Mexico 87505

#### WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number		Pool Code	Pool Name		
30-045	-26235	72319		Blanco Measverde	
Property Code 001071	Property Name	State	Gas Com BF	Well Num	nber 1E
OGRID No.	Operator Name				
000778		AMOCO PRO	DUCTION COMPANY		6858' GR
		Surf	ace Location		

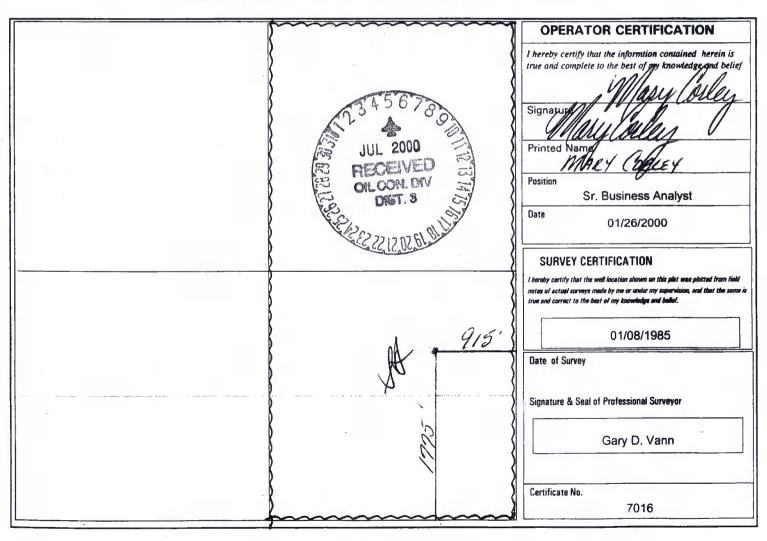
#### Surface Location

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
UNIT I	16	29N	9W		1775'	SOUTH	915'	EAST	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
Dedicated Acreage:		Joint or Infill	Cons	solidation Code	Order No.	ll			
320									

#### 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



State of New Mexico Form C-103 Submit 3 Copies to Energy, Minerals and Natural Resources Department Revised 1-1-89 Appropriate District Office OIL CONSERVATION DIVISION DISTRICT I WELL API NO. P.O. Box 1980, Hobbs, NM P.O.Box 2088 30-045-26235 Santa Fe, New Mexico 87504-2088 DISTRICT II 5. Indicate Type of Lease P.O. Drawer DD, Artesia, NM 88210 STATE X FEE 🗔 **DISTRICT III** State Oil & Gas Lease No. 1000 Rio Brazos Rd., Aztec, NM ي SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEP ENFOR PLUCE ease Name or Unit Agreement Name DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT (FORM C-101) FOR SUCH PROPOSALS.) State Gas Com BF 1. Type of Well: OTHER 8. Well No. 2. Name of Operator Attention: Mary Corley AMOCO PRODUCTION COMPANY 1E 9. Pool name or Wildcat 77253 Basin Dakota/Blanco Mesaverde P.O. Box 3092 Houston TX 4. Well Location **EAST** 915 SOUTH Feet From The Line and Feet From The Line Unit Letter 16 09W San Juan 29N **NMPM** County **Township** Rang Section 10. Elevation (Show whether DF, RKB, RT, GR, etc.) 6128 Check Appropriate Box to Indicate Nature of Notice Report or Other Data 11. NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF: ALTERING CASING PERFORM REMEDIAL WORK PLUG AND ABANDON REMEDIAL WORK X TEMPORARILY ABANDON CHANGE PLANS COMMENCE DRILLING OPNS. PLUG AND ABANDONMENT **PULL OR ALTER CASING** CASING TEST AND CEMENT JOB OTHER: OTHER: 12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed On 1/26/2000 Amoco Production Company filed an Application for Permit to abandon the Basin Dakota Pool and recomplete the subject well into the Blanco Mesaverde. Approval was granted on 1/27/2000. We respectfully request submit this request to change our procedure to recomplete to the 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 as per NMOCD order R-11363. All of the working, overriding, and royalty interest are identical in both proposed commingled pools, therefore, no notification of this application is required to be submitted via certified mail. 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. I hereby certify that the information above is true and complete to the best of my knowledge and belief. 06-12-2000 Sr.Regulatory Analyst DATE SIGNATURE TITLE 281-366-4491 TELEPHONE NO. Mary Corley TYPE OR PRINT NAME (This space for State Use) quologist DATE 6/15/00 CONDITIONS OF APPROVAL, IF ANY:

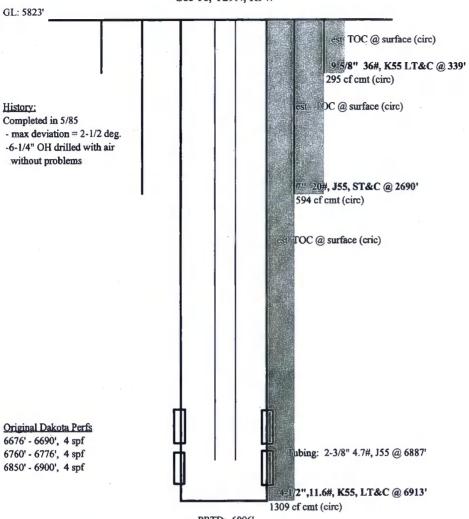
#### State GC BF #1E Recompletion Procedure

#### 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. Pressure test to 500 psi.
- 5. Tally OH with 2-3/8" production tubing currently set at 6887'
- 6. TIH with bit and scraper for 4-1/2" casing to 5050'.
- 7. TIH with tubing-set CIBP. Set CIBP at 5050'.
- 8. Load hole with 2% KCL and TOH.
- 9. RUWL. Run CBL over MV interval (3700' 5050') to ensure zonal isolation across the MV.
- 10. Pressure test casing to 1500 psi.
- 11. RIH with 3-1/8" casing guns with Schlumberger's Prospector, select-fire charge. Perforate Point Lookout formation (correlate to GR log): 4576', 4580', 4592', 4596', 4604', 4611', 4616', 4624', 4628', 4644', 4650', 4658', 4664', 4670', 4680', 4687', 4705', 4732', 4744', 4748', 4764', 4800', 4818', 4828', 4866', 4890', 4906'
- 12. RU frac equipment and install wellhead isolation tool. Use 2% KCL/N2 foam in fracture stimulation.
- 13. Spearhead 500 gal 15% HCL, establish injection rate, and proceed with fracture stimulation according to Schlumberger schedule.
- 14. Immediately after frac job, RU WL unit and lubricator.
- 15. RIH and set CIBP between Point Lookout and Menefee at 4515'.
- RIH with 3-1/8" casing guns with Schlumberger's Prospector, select-fire charge. Perforate formation (correlate to GR log):
   4216', 4225', 4230', 4235', 4250', 4262', 4268', 4278', 4284', 4333', 4346', 4358', 4362', 4366', 4452', 4456', 4462', 4474'
- 17. RU frac equipment and install wellhead isolation tool. Use 2% KCL/N2 foam in fracture stimulation.
- 18. Spearhead 500 gal 15% HCL, establish injection rate, and proceed with fracture stimulation according to Schlumberger schedule.
- 19. Immediately after frac job, RU WL unit and lubricator.
- 20. RIH and set CIBP between Menefee and Cliffhouse at 4140'.
- 21. RIH with 3-1/8" casing guns with Schlumberger's Prospector, select-fire charge. Perforate Lewis/Cliffhouse formation (correlate to GR log): 3878', 3882', 3887', 3894', 3914', 3929', 3963', 3986', 3995', 4000', 4004', 4006', 4012', 4018', 4024', 4026', 4030', 4034', 4044', 4048', 4052', 4072', 4078', 4082', 4086'
- 22. RU frac equipment and wellhead isolation tool. Use 2% KCL/N2 foam in fracture stimulation.
- 23. Spearhead 500 gal 15% HCL, establish injection rate, and proceed with fracture stimulation according to Schlumberger schedule.
- 24. Flowback frac immediately.
- 25. TIH with tubing and bit. Cleanout fill and drill bridge plugs at 4140', 4515', and 5050'. Cleanout fill to PBTD at 6906'.
- 26. TIH with 2-3/8" production tubing. Land production tubing at 6850'.
- 27. ND BOP's. NU WH. Return well to production and downhole commingle MV and DK production.

#### State GC BF #1E

Sec 16, T29N, R9W



PBTD: 6906'

#### Notes:

- -no cementing info in wellfiles
- fluid level at 5980' (12/30/99)
- Fill at 6939' (12/30/99 SL run)

updated: 11/9/99 jad

## State Gas Com BF 1E Future Production Decline Estimate

Month	Gas volume
Jan-2000	53
Feb-2000	53
Mar-2000	48
Apr-2000	48
May-2000	48
Jun-2000	48
Jul-2000	48
Aug-2000	47
Sep-2000	47
Oct-2000	47
Nov-2000	47
Dec-2000	47
Jan-2001	47
Feb-2001	47
Mar-2001	46
Арг-2001	46
May-2001	46
Jun-2001	46
Jul-2001	46
Aug-2001	46
Sep-2001	46
Oct-2001	45
Nov-2001	45
Dec-2001	45
Jan-2002	45
Feb-2002	45
Mar-2002	45
Apr-2002	45
May-2002	45
Jun-2002	44
Jul-2002	44
Aug-2002	44
Sep-2002	44
Oct-2002	44
Nov-2002	44
Dec-2002	44

[ [ฟุซลาปิก	Ges Volume
Jan-2003	43
Feb-2003	43
Mar-2003	43
Apr-2003	43
May-2003	43
Jun-2003	43
Jul-2003	43
Aug-2003	43
Sep-2003	42
Oct-2003	42
Nov-2003	42
Dec-2003	42
Jan-2004	42
Feb-2004	42
Mar-2004	42
Apr-2004	42
May-2004	41
Jun-2004	41
Jul-2004	41
Aug-2004	41
Sep-2004	41
Oct-2004	
Nov-2004	
Dec-2004	41
Jan-2005	40
Feb-2005	40
Mar-2005	40
Apr-2005	40
May-2005	
Jun-2005	40
Jul-2005	40
Aug-2005	
Sep-2005	
Oct-2005	
Nov-2005	
Dec-2005	39

Month	Cas Volume
Jan-2006	. 39
Feb-2006	39
Mar-2006	39
Apr-2006	39
May-2006	39
Jun-2006	38
Jul-2006	38
Aug-2006	38
Sep-2006	38
Oct-2006	38
Nov-2006	38
Dec-2006	38
Jan-2007	38
Feb-2007	38
Mar-2007	37
Арг-2007	37
May-2007	37
Jun-2007	37
Jul-2007	37
Aug-2007	37
Sep-2007	37
Oct-2007	37
Nov-2007	37
Dec-2007	36
Jan-2008	36
Feb-2008	36
Mar-2008	36
Apr-2008	36
May-2008	36
Jun-2008	36
Jul-2008	
Aug-2008	
Sep-2008	35
Oct-2008	
Nov-2008	35
Dec-2008	35

Month	Ges Volume
Jan-2009	35
Feb-2009	35
Mar-2009	35
Apr-2009	35
May-2009	35
Jun-2009	34
Jul-2009	34
Aug-2009	34
Sep-2009	34
Oct-2009	34
Nov-2009	34
Dec-2009	34
Jan-2010	34
Feb-2010	34
Mar-2010	34
Apr-2010	33
May-2010	33
Jun-2010	33
Jul-2010	33
Aug-2010	33
Sep-2010	33
Oct-2010	33
Nov-2010	33
Dec-2010	33
Jan-2011	33
Feb-2011	32
Mar-2011	32
Apr-2011	32
May-2011	32
Jun-2011	32
Jul-2011	32
Aug-2011	32
Sep-2011	32
Oct-2011	32
Nov-2011	32
Dec-2011	32

# State Gas Com BF 1E Future Production Decline Estimate

Mranila	Ges Volume
Jan-2012	31
Feb-2012	31
Mar-2012	31
Apr-2012	31
May-2012	31
Jun-2012	31
Jul-2012	31
Aug-2012	31
Sep-2012	31
Oct-2012	31
Nov-2012	30
Dec-2012	30
Jan-2013	30
Feb-2013	30
Mar-2013	30
Apr-2013	30
May-2013	30
Jun-2013	30
Jul-2013	30
Aug-2013	30
Sep-2013	30
Oct-2013	30
Nov-2013	29
Dec-2013	29
Jan-2014	29
Feb-2014	29
Mar-2014	29
Apr-2014	29
May-2014	29
Jun-2014	29
Jul-2014	29
Aug-2014	29
Sep-2014	29
Oct-2014	
Nov-2014	28
Dec-2014	28

Manth	Ges Volume
Jan-2015	28
Feb-2015	28
Mar-2015	28
Apr-2015	28
May-2015	28
Jun-2015	28
Jul-2015	28
Aug-2015	28
Sep-2015	28
Oct-2015	27
Nov-2015	27
Dec-2015	27
Jan-2016	27
Feb-2016	27
Mar-2016	27
Apr-2016	27
May-2016	27
Jun-2016	27
Jul-2016	27
Aug-2016	27
Sep-2016	27
Oct-2016	
Nov-2016	26
Dec-2016	26
Jan-2017	
Feb-2017	
Mar-2017	
Apr-2017	26
May-2017	
Jun-2017	
Jul-2017	26
Aug-2017	
Sep-2017	26
Oct-2017	26
Nov-2017	
Dec-2017	25

Month	Ces Volume
Jan-2018	25
Feb-2018	25
Mar-2018	25
Apr-2018	25
May-2018	25
Jun-2018	25
Jul-2018	25
Aug-2018	24
Sep-2018	24
Oct-2018	24
Nov-2018	24
Dec-2018	24
Jan-2019	24
Feb-2019	24
Mar-2019	24
Apr-2019	23
May-2019	23
Jun-2019	23
Jul-2019	23
Aug-2019	23
Sep-2019	23
Oct-2019	23
Nov-2019	23
Dec-2019	23
Jan-2020	22
Feb-2020	22
Mar-2020	22
Apr-2020	22
May-2020	22
Jun-2020	
Jul-2020	22
Aug-2020	22
Sep-2020	22
Oct-2020	
Nov-2020	
Dec-2020	21

Month	Cas Volume
Jan-2021	21
Feb-2021	21
Mar-2021	21
Apr-2021	21
May-2021	21
Jun-2021	21
Jul-2021	20
Aug-2021	20
Sep-2021	20
Oct-2021	20
Nov-2021	20
Dec-2021	20
Jan-2022	20
Feb-2022	20
Mar-2022	20
Apr-2022	20
May-2022	19
Jun-2022	
Jul-2022	
Aug-2022	19
Sep-2022	19
Oct-2022	
Nov-2022	
Dec-2022	
Jan-2023	19
Feb-2023	
Mar-2023	19
Apr-2023	
May-2023	18
Jun-2023	
Jul-2023	
Aug-2023	
Sep-2023	
Oct-2023	
Nov-2023	
Dec-2023	18

## State Gas Com BF 1E Future Production Decline Estimate

Mondin	Ges Volume
Jan-2024	18
Feb-2024	.18
Mar-2024	17
Арг-2024	17
May-2024	17
Jun-2024	17
Jul-2024	17
Aug-2024	17
Sep-2024	17
Oct-2024	17
Nov-2024	17
Dec-2024	17
Jan-2025	17
Feb-2025	16
Mar-2025	16
Apr-2025	16
May-2025	16
Jun-2025	16
Jul-2025	16
Aug-2025	16
Sep-2025	16
Oct-2025	16
Nov-2025	16
Dec-2025	16
Jan-2026	16
Feb-2026	16
Mar-2026	15
Apr-2026	
May-2026	15
Jun-2026	15
Jul-2026	15
Aug-2026	
Sep-2026	
Oct-2026	
Nov-2026	
Dec-2026	15

Month	Gas Volume
Jan-2027	15
Feb-2027	15
Mar-2027	15
Apr-2027	14
May-2027	14
Jun-2027	14
Jul-2027	14
Aug-2027	14
Sep-2027	14
Oct-2027	14
Nov-2027	14
Dec-2027	14
Jan-2028	14
Feb-2028	14
Mar-2028	14
Apr-2028	14
May-2028	14
Jun-2028	13
Jul-2028	13
Aug-2028	
Sep-2028	13
Oct-2028	13
Nov-2028	13
Dec-2028	13
Jan-2029	13
Feb-2029	13
Mar-2029	13
Apr-2029	13
May-2029	
Jun-2029	13
Jul-2029	13
Aug-2029	13
Sep-2029	13
Oct-2029	
Nov-2029	12
Dec-2029	12

Month	Gas Volume
Jan-2030	12
Feb-2030	12
Mar-2030	12
Apr-2030	12 12 12
May-2030	12
Jun-2030	12 12
Jul-2030	12
Aug-2030	12
Sep-2030	12
Oct-2030	12
Nov-2030	12
Dec-2030	12
Jan-2031	12
Feb-2031	11
Mar-2031	11
Apr-2031	11
May-2031	11
Jun-2031	11
Jul-2031	11
Aug-2031	11
Sep-2031	11
Oct-2031	11
Nov-2031	11
Dec-2031	
Jan-2032	
Feb-2032	
Mar-2032	
Apr-2032	11
May-2032	
Jun-2032	
Jul-2032	
Aug-2032	
Sep-2032	
Oct-2032	
Nov-2032	10
Dec-2032	10

Jan-2033 10 Feb-2033 10 Mar-2033 10 Apr-2033 10 May-2033 10 Jun-2033 10 Jul-2033 10 Sep-2033 10 Oct-2033 10 Nov-2033 10 Dec-2033 10 Jan-2034 10 Feb-2034 10 Apr-2034 10 Apr-2034 9 Jun-2034 9 Jun-2034 9 Jun-2034 9 Jun-2034 9 Feb-2034 9 Feb-2035 9 Feb-2035 9 May-2035 9 Apr-2035 9 Aug-2035 9 Aug-2035 9 Sep-2035 9 Nov-2035 9 Nov-2035 9 Dec-2035 9 Dec-2035 9 Dec-2035 9	Month	Cas Volume
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Mar-2035       9         Apr-2035       9         May-2035       9         Jun-2035       9         Jul-2035       9         Aug-2035       9         Sep-2035       9         Oct-2035       9         Nov-2035       9	Aug-2034	9
Mar-2035       9         Apr-2035       9         May-2035       9         Jun-2035       9         Jul-2035       9         Aug-2035       9         Sep-2035       9         Oct-2035       9         Nov-2035       9	Sep-2034	9
Mar-2035       9         Apr-2035       9         May-2035       9         Jun-2035       9         Jul-2035       9         Aug-2035       9         Sep-2035       9         Oct-2035       9         Nov-2035       9	Oct-2034	9
Mar-2035       9         Apr-2035       9         May-2035       9         Jun-2035       9         Jul-2035       9         Aug-2035       9         Sep-2035       9         Oct-2035       9         Nov-2035       9		9
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	May-2035	9
	Jun-2035	9
		9
	Aug-2035	9
		9
		9
		9
	Dec-2035	9

Wellname: STATE GC BF 001E-DK

Flacwell: 84639901

API: 300452623500

Amoco - OIDB/Synergy Data

District I 1625 N. French Dr. Hobbs, NM 88240

District II 811 South First, Artesia, NM 88210

District III 1000 Rio Brazos Road, Aztec/NM 8741 District IV 2040 South Pacheco, Santa Fe, NM 87505

JAN 2000

ON CON DIV

DIST. 3

Mate of New Mexico Minerals and Natural Resources

RECEIVED il Conservation Division 2040 South Pacheco

Form C-101 Revised March 17, 1999

Submit to appropriate District Office State Lease - 6 Copies Fee Lease - 5 Copies AMENDED REPORT

2040 South Pag			50.	DIST. 3		Fe, NM				1	NDED REPORT
APPLI	CATIC		PERMIT		RE-E	NTER,	DEEPEN,	PLUGBACK	C, Ox		A ZONE
		Amo	co Productio	n Company					00077	8	
			Houston, Texas						0 - 045-	-26235	
<sup>3</sup> Propert	y Code 1 <b>071</b>			Ste	Property Nate Gas Co					° Well No 1E	0.
001	W/I				urface L						
UL or lot no.	Section	Township	Range	Lot Idn	Feet fro		North/South line	Feet from the	East/We	st line	County
I	16	29N	09W		177	75'	South	915'	Eas	st	San Juan
		8 P	roposed B	ottom Hol	e Locatio	on If Di	fferent From	n Surface			
UL or lot no.	Section	Township	Range	Lot Idn	Feet fro	om the	North/South line	Feet from the	East/We	st line	County
	1		oposed Pool 1					10 Propose	d Pool 2		
		Diane	U Mesaveru	<u>-                                      </u>							
	Гуре Code <b>Back</b>		12 Well Type Coo	le		/Rotary	14	Lease Type Code	-		Level Elevation 5832'
16 Mu	ultiple		17 Proposed Dept	th	18 For	mation verde		Ontractor Aztec		<sup>20</sup> S	Spud Date 15/2000
I.	No		6575'	roposed C			nt Program			021	13/2000
Hole Si	ize	Casir	ng Size	Casing wei	-		ting Depth	Sacks of Cen	nent	Es	stimated TOC
12 1/4			5/8"	32.3			300'	354 CU FT C			Surface Cike
8 3/2			7"	207	#		2700' '	450 CU FT (	CLS B		Surface CLR
6 1/4"	,	4	1/2"	10.5	5#		6858'	1062 CU FT	CLS B	1	unknown
										1505	× 15/ 100 rac
										250	Sy
zone. Describe Amoco P subject we	e the blowo roduction	out prevention on Compa the Blanco	program, if any any request	Use addition permission le as per th	al sheets if non to abaune attache	ecessary.  ndon the  ed recor		cota formation			
	•	_	riven above is tr	ue and comple	te to the		OIL CO	ONSERVATI		IVISIC	N
best of my kno Signature:	owledge and	oellet.					harli:	Herry	*		
VIII	11/1/11	( bill	'U			Approve	d by:				
Printed name:	Mary	Corley /				Title:		& GAS INSPECT	OR, DIS	ī. #8	
Title:	-	usiness Ana	lyst			Approva	DadAN 2	7 2000 Ex	piration	Date:	
Date: 01	/26/2000		Phone: 281	-366-4491		Condition	ns of Approval:				
				-		Attached					

#### **State GC BF #1E 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. Tally OH with 2-3/8" production tubing set at 6887' Inspect tog while POOH.
- 6. TIH with CIBP on tubing. Set CIBP at 6650'. PU and spot 75 cement plug (approx. 7 cu ft) on top of CIBP. Load hole with 2% KCL.
- 7. TOH to 5800'. Spot \*\*Cement plug (approx. 7 cu ft) across Gallup. TOH
- 8. TIH with CIBP. Set CIBP at 4850'.
- 9. Run CBL over MV interval (3900' 4800') to ensure zonal isolation across the MV.
- 10. Pressure test casing to 1500 psi.
- 11. RIH with perforating guns. Perforate Point Lookout formation (correlate to GR log) 2 spf, 120° phasing.

Point Lookout Perforations: 4576', 4580', 4592', 4598', 4604', 4606', 4612', 4616', 4628', 4648', 4650', 4660', 4670', 4622', 4686'

- 12. RU frac equipment. Use 2% KCL/N2 foam in fracture stimulation.
- 13. Spearhead 500 gal 15% HCL, establish injection rate, and proceed with fracture stimulation according to Schlumberger schedule.
- 14. Flowback frac immediately.
- 15. RU WL and set CIBP between Point Lookout and Menefee at 4400'.
- 16. RIH with perforating guns. Perforate Menefee formation (correlate to GR log) 2 spf, 120° phasing.

Menefee Perforations: 4216', 4224', 4230', 4250', 4265', 4270', 4278', 4284', 4348', 4358', 4364', 4452', 4458', 4466'

- 17. RU frac equipment. Use 2% KCL/N2 foam in fracture stimulation.
- 18. Spearhead 500 gal 15% HCL, establish injection rate, and proceed with fracture stimulation according to Schlumberger schedule.
- 19. Flowback frac immediately.
- 20. RU WL and set CIBP between Menefee and Cliffhouse at 4150'.
- 21. RIH with perforating guns. Perforate Cliffhouse formation (correlate to GR log) 2 spf, 120° phasing.

Cliffhouse Perforations: 3964', 3986', 3998', 4004', 4008', 4012', 4020', 4026', 4033', 4044', 4048', 4076', 4080', 4084'

- 22. RU frac equipment. Use 2% KCL/N2 foam in fracture stimulation.
- 23. Spearhead 500 gal 15% HCL, establish injection rate, and proceed with fracture stimulation according to Schlumberger schedule.
- 24. Flowback frac immediately.
- 25. TIH with tubing and bit. Cleanout fill and drill bridge plugs (Do not drill CIBP set at 4850').
- 26. TIH with 2-3/8" production tubing and land at 4670'.
- 27. ND BOP's. NU WH. Return well to production.

DISTRICT I P.O. Box 1980, Hobbs, NM 88240 DISTRICT II

311 South First,, Artesia, NM 88210

DISTRICTIII

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

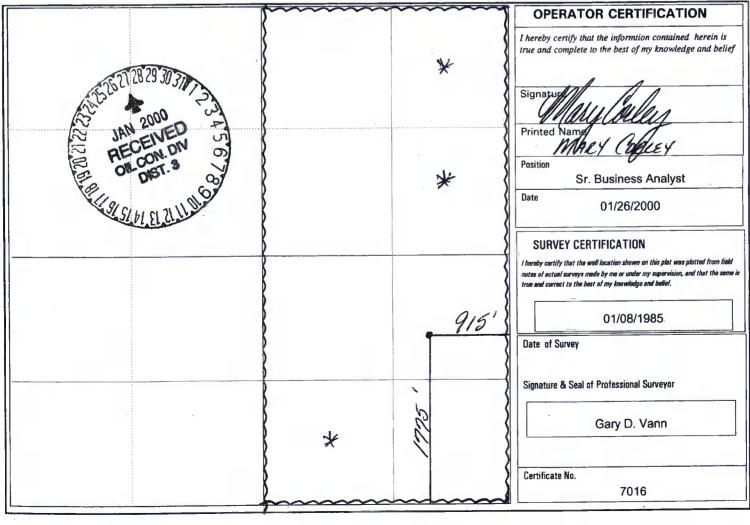
#### **OIL CONSERVATION DIVISION**

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 .

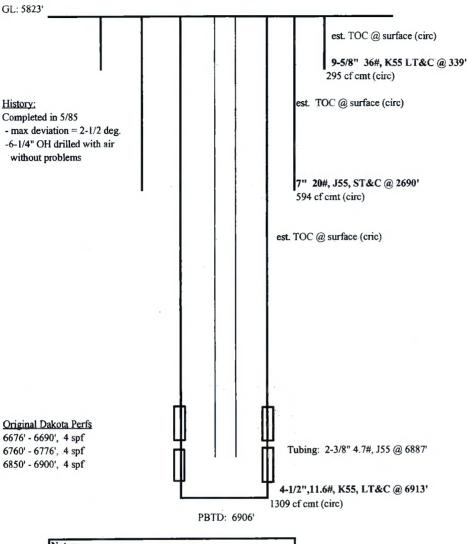
#### WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	API Number 30-045-262		Pool Co	Pool Code 72319		Pool Name Blanco Measverde				
Property Code 0010		Property Name		Sta	well Number 1E					
OGRID No. 0007	GRID No. Operator Name 000778			AMOCO PI	RODUCTION COMPANY Elevation 6858' GR					
				Su	rface Loc	ation				
UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West Li	ne County	
UNIT I	16	29N	9W		1775'	SOUTH	915'	EAST	San Juan	
		Botte	om Hole	Location	If Differer	nt From Sur	face			
UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West Li	ne County	
Dedicated Acreage		Joint or Infill	Cons	olidation Code	Order No.					
NO ALLOV	VABLE W					TIL ALL INTER PPROVED BY			ISOLIDATED	
	<del></del>				~~~	~~~~	OPERA	TOR CERT	IFICATION	
//				)			I harabu cartifu	that the informti	on contained herein is	



#### State GC BF #1E

Sec 16, T29N, R9W



Notes:

-no cementing info in wellfiles

- fluid level at 5980' (12/30/99)
- Fill at 6939' (12/30/99 SL run)

updated: 11/9/99 jad

4

ID. OF COPIES PECHIVED					30-14	5-26235
DISTRIBUTION	NEW	MEXICO OIL CONS	ERVATION COMMISS		Form C-191	3- 26200
NTA FE		13.70			Revised 1-1-1	
LE			The state of the s		Г	Type of Leane
\$.G.S.	1-1		MAR 11 1985		STATE ()	& Gas Lease No.
PERATOR			WAS II 1302		.5, State Off	6 One Lease No.
PERATOR			NSERVATION DIVE		mm.	
APPLICATIO	N FOR PERMIT TO	DRILL, DEEPEN	OR RUUG BACK			
Type of Work					7. Unit Agre	eement Name
DRILL [X]		DEEPEN	PLU	G BACK		
Type of Well					8. Farm or L	ease Name
WELL WELL X	OTHER		SINGLE X	ZONE		as Com "BF"
Ame of Operator	on Co		•		9. Well No.	
Amoco Producti	on co.				1E 10. Field on	d Pool, or Wildeat
501 Airport Dr	ri ve	Farming	ton, NM 87401			Dakota
	R I LOC			h LINE	TITITI	
UNIT LETTE			. TEL PROMITE SOUR	LINE	KATA	
915 FEET FROM	THE East LIN	E OF SEC. 16	TWP. 29N RGE.	9W нмрм	1111111	
					12. County	
		444444			San Juar	HHHH
HHHHHH			19. Proposed Depth	19A. Formation	7111111	20. Rotary or C.T.
			6858¹	Dakota		Rotary
Elevations (Show whether DF,	RT, etc.) 21A. Kind	å Status Plug. Bond	21B, Drilling Contractor		22. Approx	. Date Work will start
5832' GR	Statew	ide	Unknown		As soc	on as permitted
	P	ROPOSED CASING AN	D CEMENT PROGRAM			
SIZE OF HOLE	SIZE OF CASING	WEIGHT BER EOO	T SETTING DEPT	H SACKS OF	CEMENT	EST. TOP
12-1/2"	9-5/8"	32.3#, H-40	300	354 CU		Class B
8-3/4"	7"	20#, K-55	2700'	450 Cu		Class B
6-4"	4-12"	10.5#, K-55	6858'	1062 c	u ft	Class B
				1		
	to drill the a					luo mud
	e well will be then be drilled					
	ign will be bas					
	n. Amoco's sta					
attached drawi	ng for blowout	preventer des	ign. Upon comp	letion the	well si	te will
	l the reserve pi				is will	is
dedicated to $\underline{E}$	l Paso Natural	Gas under cont	tract No. <u>56/42</u>	185 -		
				و روز	PP	
				111	WE!	We-
	API	ROVAL EXPIRES_	8-28-85	FF		
	UN	LESS DRILLING IS O	COMMENCED	•	B 28 191	or <b>[U]</b>
	370	D NOTICE MUST F	BE SUBMITTED	UIL C	`Ca.	00
	TIVV	HIN 10 DAYS.		<u></u>	OIV. D	110
BOVE SPACE DESCRIBE PR	OPOSED PROGRAM: IF	PROPOSAL IS TO DEEPEN	OR PLUS BACK, SIVE DATA	ON PRESENT MO	INTEGRE	NED S Negoposed NEW PRODUC
reby certify that the information	n above is true and comp	lete to the best of my	knowledge and belief.			
a KNS	> haw	Title Adm. Sur	pervisor		Date 2-22	2-85
(This space for S	State Use)					0.0.4005
Jul 1			SUPERVISOR DISTRICT #	3	FEE	3 2 8 1985
MONED BA	19	TITLE			ATE	

DITIONS OF APPROVAL, IF ANYI

#### OIL CONSERVATION DIVISION

P. O. BOX 2088

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

SANTA FE, NEW MEXICO 87501

Form C-102 Revised 10-1-78

7016

500

1900

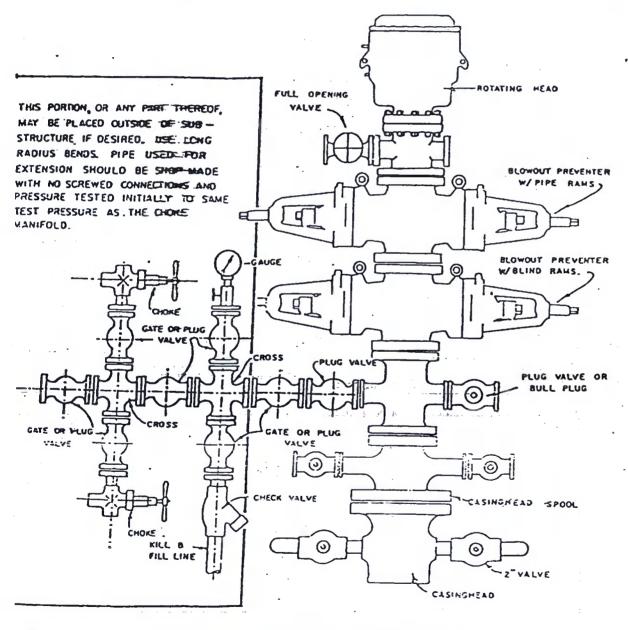
2000

1370 1650

1980 2310

All distances must be from the outer boundaries of the Section. Well No. Operator 1E STATE GAS COM BF AMOCO PRODUCTION COMPANY Unit Letter 9 W San Juan 29 N 16 Actual Footage Location of Wells EAST line 1775 feet from the SOUTH feet from the Ground Level Elev. Producing Formation 320 Basin Dakota 5832 Dakota ACTOS 1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below. 2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty). 3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling. etc? Communitized If answer is "yes," type of consolidation \_\_\_\_\_ If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.). No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Division. CERTIFICATION I hereby certify that the information con-0 B.D. Shaw Posttion ADM. Supervisor APC 2-22-85 16 FEB 2 8 1985 Date Surveyed OIL CON. DIV. <u>January 8, 1985</u> Registered Prolessional Engineer DIST. 3 and/or Land Surveyor Vann Centificate No.

- 1. Blowout Preventers and Master Valve to be fluid operated, and all fittings must be in good condition.
- 2. Equipment through which bit must pass shall be as large as the inside diameter of the casing that is being drilled through.
- 3. Nipple above Blowout Preventer shall be same size or larger than BOP being drilled through.
- 4. All fittings to be flanged.
- 5. Omsco or comparable safety valve must be available on rig floor at all times with proper connection or sub. The I.D. of safety valve should be as great as I.D. of tool joints of drill pipe, or at least as great as I.D. of drill collars.



### BLOWOUT PREVENTER HOOKUP

API Series # 900

EXHISIT D-4

OCTOBER 16,1955

Operation of BOP by closing both pipe and blind rars will be tested each trip or, on long bit runs, pipe rams will be closed once each 24 hours.

## Submit 5 Copies Appropriate District Office DISTRICT I P.O. Box 1980, Hobbs, NM 88240

State of New Mexico
Energy, Minerals and Natural Resources Opportunities of New DIVISION
RECEIVED

RECEIVED

Form C-104
Revised 1-1-89
See Instructions at Bottom of Page

OIL CONSERVATION DIVISION RECEIVED

P.O. Box 2088

190 AUG 22 AM 11 27

DISTRICT II P.O. Drawer DD, Artesia, NM 88210

ISTRICT III 000 Rio Brazos Rd., Aziec, NM 87410	REOL				LE AND	4-2000 AUTHORIZ	ZATION		/	
						TURAL GA		l No.		·
perator AMOCO PRODUCTION COMPAN	Y					300452623500				
ddress P.O. BOX 800, DENVER, C	OLORAI	00 8020	1							
cason(s) for Filing (Check proper box)				orter of:	Othe	x (Please expla	iin)			
ccompletion	Oil	Change in	Dry G							
hange in Operator	Casinghea	ad Gas	Conde	CTT						
change of operator give name ad address of previous operator								· · · · · ·		
I. DESCRIPTION OF WELL A	ND LE		ln	T 114:	To mation		Kind of	Leace	I e	ase No.
STATE GAS COM BF		Well No. 1E			ng Formation TA (P <del>ROI</del>	RATED GA		ederal or Fee		
Ocation I Unit Letter	: _	1775	_ Feet F	rom The	FSL Line	e and9	15 Fee	From The	FEL	Line
Section 16 Township	29	N	Range	9W	, NI	MPM,	SAN	JUAN		County
II. DESIGNATION OF TRANS	SPORTI	ER OF O	IL Al	ND NATU	RAL GAS					-
Name of Authorized Transporter of Oil MERIDIAN OIL INC.		or Conde		X	Address (Giv		hich approved o			
	head Gas		or Dr	y Gas X			hich approved			
Name of Authorized Transporter of Casing EL PASO NATURAL GAS COI							, EL PASC		978	
If well produces oil or liquids, give location of tanks.	Unit	Sec.	Twp.	Rge.	is gas actuali	y connected?	] Wisca			
f this production is commingled with that f V. COMPLETION DATA	rom any o	ther lease or	pool, g	ive comming	ling order aum	ber:				
Designate Type of Completion	(X)	Oil Wel	11	Gas Well	New Well	Workover	Deepen	Plug Back S	ame Res'v	Diff Res'v
Date Spudded		npl. Ready	lo Prod.		Total Depth	l	<u>.l</u>	P.B.T.D.		
Elevations (DF, RKB, RT, GR, etc.)	Name of	Producing I	Connatio	OR.	Top Oil/Gas	Pay		Tubing Depth		
Perforations								Depth Casing	Shoe	
/ Citations						NG PEGO	0.0	<u> </u>		•
HOLE OUT		TUBING & 1			CEMENT	ING RECO		S	ACKS CEM	ENT
HOLE SIZE	<del>-</del>	ASING &	Oblive	JOILL						
								<del> </del>		
V. TEST DATA AND REQUES OIL WELL (Test must be after t	T FOR	ALLOV	VABL	E	t his annual to a	ar aread top a	lloughle for the	s denth or he fo	or full 24 ho	urs.)
OIL WELL (Test must be after to Date First New Oil Run To Tank	Date of		e of loa	a ou ana mu	Producing N	Method (Flow,	pump, gas lift, e	dc.)		
	Tubing	Description			Casing Pres	sure		Choke Size		
Length of Test	1 doing 1	Liessnic			(S)	ERE	INE	B- MCF	<del></del>	
Actual Prod. During Test	Oil - Bb	is.			Water		8 0 65	U		
GAS WELL	<del></del>				9.0	JUL1	1990	10	ondenente	
Actual Prod. Test - MCF/D	Length	of Test			Bbls. Cond	ensate/MMCF	N. DIV	Gravity of C	OUGENEAUE	
Testing Method (pitot, back pr.)	Tubing	Pressure (SI	hut-in)		Casing Pres	seure (Sh <b>O1S</b>	7. 3	Choke Size		
VI. OPERATOR CERTIFIC	TATE (	OF COM	1PLL	ANCE	1	011 00	NSERV	ATION	DIVICI	ON
I hereby certify that the rules and regu	lations of	the Oil Con	scrvatio	a		OIL CC	NOEUA			
Division have been complied with and is true and complete to the best of my	that the in	nformation (	given at	oove .	Da	te Approv	ved	JUL	1 1 199	0
NU alles						• •		(بمندا	de	/
Signature Doug W. Whaley, Staff	f Admi	in. Sup	<u>ervi</u>	sor	Ву			PERVISO	R DIST	RICT #3
Printed Name July 5, 1990		303	Til 830-	lc -4280	Tit	le				, ,
Date			l'elepho	ne No.					parameter (gran	Service Carry

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
- 2) All sections of this form must be filled out for allowable on new and recompleted wells.
- 3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.

4) Separate Form C-104 must be filed for each pool in multiply completed wells.

## STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

PR. 00 CUPIED 020	****	7		
DISTRIBUTE	DISTRIBUTION			
SAMTA PE	1			
PILE		1		
U.S.O.A.	1	$\vdash$		
LAND OFFICE		1-		
TRANSFORTER	OIL			
OPERATOR		•		
2200 AT 1011 CO.			_	

OIL CONSERVATION DIVISION

P. O. BOE MEEONSERVATION DIVISION
SANTA FE, NEW MEXICO 8550TA FE

REQUEST FOR ALLOWABLE

PERATOR			AND						
PRORATION OFFICE	ALITHUDI	ZATION TO TO	USPORT OIL AN	D MATURAL CAR					
<u>I.</u>	NO TI IONIA	CATION TO TRA	MOPURI UIL AN	D NATURAL GAS					
Operator				ि डिलाहा	7 (-)				
Amoco Production Co.				N E G E L					
Address					, de 1111				
501 Airport Drive, F	armingtor	. N M 87	401	JUN 1 4 198	, ש				
Reason(s) for filing (Check proper box	,								
X New Well	Change in 7	Fransporter of:		OIL CON. D	111.7				
Recompletion	011		Dry Goo	DIV Gos					
Change in Ownership	Casing	head Gas	Condensate	DIST. 3					
If change of ownership give name and address of previous owner									
I. DESCRIPTION OF WELL AND		ool Name, Including	Formation	Kind of Lease					
State Gas Com BF	1 1				Lease No.				
Location	1E	Basin I	Dakota ·	State, Federal or Fee Fee					
Unit Letter I : 177	5 Feet From 1	The <u>South</u> (	*						
terne or section A.O.	1911 Z 3 M	Honge	9.W	, NMPM, San Juan	County				
L DESIGNATION OF TRANSP	ORTER OF OU	AND NATTIR	AL CAS						
Name of Authorized Transporter of Off	or Cond	ensole E	Address (Give o	ddress to which approved copy of this form	is to be sent)				
ermian Corporation	Permian (Elf. 9.)	/ 1 /07)		1702, Farmington, NM					
Jame of Authorized Transporter of Cael	nghead Gas	or Dry Gas (X)		ddress to which approved copy of this form					
l Paso Natural Gas (	company	_	P.O. Box	990, Farmington, NM 8	7400				
well produces oil or liquids,	Unit , Sec.	Twp. Rge.		connected? When	7433				
tve location of tanks.	I 16	29N 9W	No						
	4 4								
this production is commingled with	that from any o	ther lease or poo	I, give comminglin	ig order number:					
OTE: Complete Parts IV and V	on reverse side	if necessary.			•				
			n .						
71. CERTIFICATE OF COMPLIANCE hereby certify that the rules and regulations of the Oil Conservation Division have			# 1	OIL CONSERVATION DIVISION	4000				
				JUN 14	1980				
					-, 19				
een complied with and that the information given is true and complete to the best of by knowledge and belief.				BY Original Signed by FRANK T. CHAVEZ					
				•					
			TITLE	SUPERVISOR DISTRICT	9 2				
	. 1		7010 (00	n is to be filed in compilance with mus					
WDD J.N.	aw		11		· · · · · · · .				
(Signature) Adm. Supervisor (Title) 6-7-85 (Dete)			If this is a request for allowable for a newly drilled or despendituels, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with MULE 111.  All sections of this form must be filled out completely for allowable on new and recompleted wells.						
							Fill out only Sections I. II. III. and VI for changes of owner, well name or number, or transporter, or other such change of condition.  Separate Forms C-104 must be filed for each pool in multiply		

### EL PASO NATURAL GAS COMPANY **POST OFFICE BOX 990**

**FARMINGTON, NEW MEXICO** 

NOTICE OF GAS CONNECTION	NOTICE	OF	GAS	CONN	<b>VEC</b>	TION	V
--------------------------	--------	----	-----	------	------------	------	---

DATE SEPTEMBER 24, 1985

THIS IS TO NOTIFY THE OIL CONSERVATION COMMISSION THAT CONNECTION FOR PURCHASE OF

GAS FROM AMOCO	PRODUCTION CO	STATE GAS COM BF #1-E Well Name				
-	Operator					
95-366-01	75066-51	I	16-29-9			
Meter Code	Site Code	Well Unit	S-T-R			
BASIN DAKOTA		EL PASO NATURAL GAS CO.				
	Pool	Name of Purchaser				
WAS MADE ON A	ugust 29, 1985	FIRST DELIVERY Sep	tember 11, 1985			
WAS MADE ON _	Date	THO DESTRUCTION	Date			
AOF6965						
	P					
CHOKE 5082						
	·					
		EL PASO NAT	TURAL GAS CO.			
•		Purchaser	0,			
		Therety	Dione			
		Representative				
•			<i>O</i>			
		Title				

**OPERATOR** xc:

OIL CONSERVATION COMMISSION - (2) PRODUCTION CONTROL - El Paso LEASE DEVELOPMENT - El Paso CONTRACT ADMINISTRATION - El Paso

FILE

SEP 3 0 1985 OIL CON. DIV.

DEDITIONS OF APPROVAL, IT

# FARMINGTON DISTRICT WORKOVER

DATE: June 4, 1984

OPERATIONS TO BE PERFORMED: (CIRCLE ONE)	RECOMPLETION REPAIR SERVICE
LEASE AND WELL State EAS CON BF No.	FIELD BORNS DAKOTE
FORMATION Dakota	LOGS Tiduction - CR; Newton - CR
LOCATION 940 FOLX 190 FEL, School	
COMP. DATE 1/28/65 EL: 5878'KB	TD: <u>(88)</u> PBD: <u>(872</u>
cs6: 1034 " 32.75 " H-400 319"	4/2" 105 1 2-55 0 6891
CSG: $10^{3}4$ 32.75 H-40 319 COMP. INT. $24/32 - 6863$	
IP 1800 MCFD	ORIG. STIM. <u>81,000 gels who 10,000</u> lbs SJD  CURRENT PROD. INT. <u>Same</u>
PURPOSE: DESTEN well to knier Dko	to and Feac
* Note: Pease Usit , DWSchott and Bob Para	ds Before Skutisg work
TKA TWE GOM 6/PERMITTING DESK BJW BWG MCH	
RGH	
GMK GMK	
WELLBORE SKETCH	PROCEDURE
South 1 Street 1 str on	Stimulation: Dowers
THE SHOP IN A RUS	SU; ND WELLHEAD, NU BOP
2. LATCH O	NTO TUBING trip down, and top
	NTO TUBING, frip down, and tag
2493 tubing	and up annulus with 2% KCL WATER
Town or	lation can be established, we will
Gune 5	T APPROXIMATELY 95 Feet below INDE WITH A DAMOND BIT (See NOTE 4)
Gund 29	6 KCL WATER IF ORCULATION CANNOT
E 637	ABJSHED WE WILL DULL OUT WITH
	ON BIT WITH NOW AIR. When drilling
big x Cat with the WD	HEATH A No. BE, we made about
1 Dutton 10 / Clair	We hope to do better then than
10/0/1	h domind bit and 2% KCL hater.
(dolo+) (e) (243' 3 TO 4 to	bug TI x 21/8 inch week STANG
D. (872' 000 (881) AUD BIT	definition is step 2 above. Have
1.90	joints of drill collers as END OF
TUBNA (	
4. Kig UP	Blue get and rew CRCL through open
DISTRICT MANAGER N. C. 76 THE	0400:
DISTRICT ENGINEER Stim Attend	durt
DISTRICT FOREMAN THE COM	
ENGINEER AUT Schull	
DATE 10-5-85	
ENGSPE	ENG-40
•	

PACKEL AND 21/8 CB15 feets and set a 60% JACKSIOE PRISSURIO or annulus Simmediately Kump Schedule Lyino Var 000 5001 500/298 TI for Suitor exaction you may have out till Co open hole if vecessam, when we is deaned up, put tock down substile

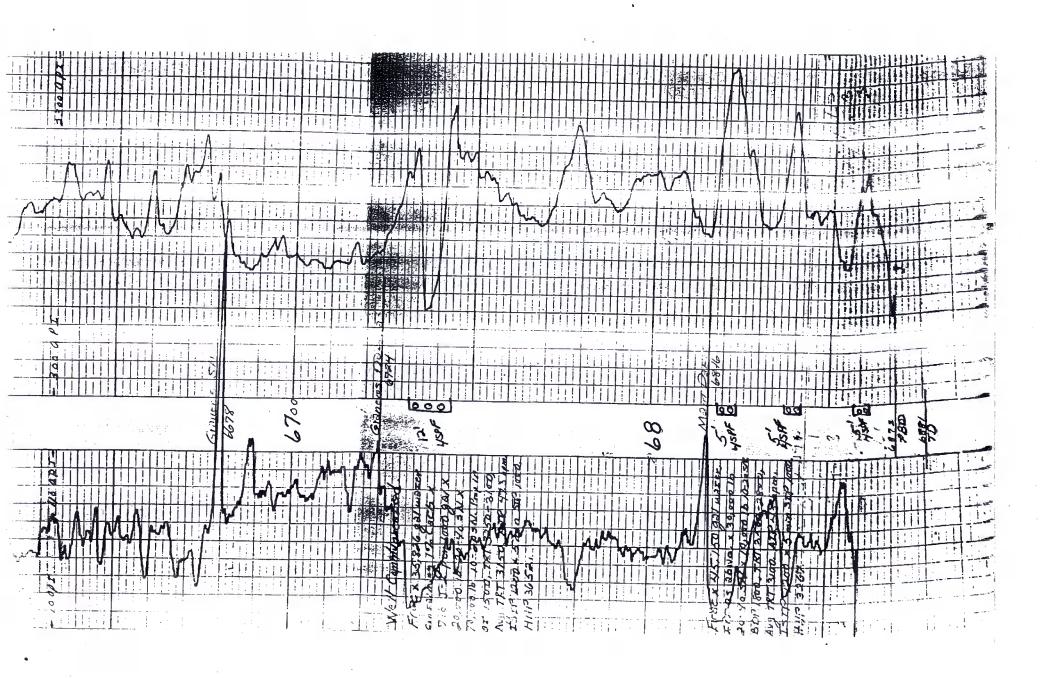
- 1. Disconnect carrioric protection and automation equipment before many as location.
- 2. Burst as Casing = 3800 ps; (J-55), 8500 ps; (N-80).
  " " 278" tubing = 5808 ps; (J-55), 8500 ps; (N-80).
  " " 23/8" tubing = 6200 ps;
- 3. Expected treating pressure will be 5200-8200 psi
- 4. Recommended diamond bit for drilling out is a
  Norton Oristianson MD 23, set x 8 stones per carate
  and SP stones. The diamonds should be ridge
  set for durability and the bit should have a crus foot.
  A bit hard should be requested to help run the bit
- 5. We will try to complete the town Dakota open hole We will probably have to rain Several times to Clean out the open hole. If the open hole does not stay clean we will have to run a liver. Keep me posted.
- 6. Use filtered 2 percent KCL water for everything (1 miceon).
  If city water is used, con't filter.
- 7. Please check
  - 1. Sieux analysis
  - 2. Get Usobsity of 40/6 incressiated get should be 38 up at 300 rpm at COF CG op tolenance on this?
  - 3. use 20-40 mesh bady send & 4. Skam clean all Free trucks

8. RECORD BLUTE and BLUR

9. Total job rate is 15 BPM

10 If shutdown occurs during pap add 10 bbs frac fluo for every mante of shutdow and lesume job.

11. Land tubing Near bottom as possible.



NMOCD, Aztec

STATE OF NEW MEXICO NERGY AND MINERALS DEPARTMENT				Form C-10	4				
OMTAIGUTION CANTA PE CONSTITUTION FILE		P. O.	/ATION DIVIS	Revised 10 Format 05 Page 1	0-01-78				
U.S.O.S. LAND OFFICE 111 24 1985	اللا		EW MEXICO 8750	) <b>1</b> 					
DPERATOR CONSERVATION D	IVISION	REQUEST I	OR ALLOWABLE						
PROBATION OFFICE	AUTHOR	RIZATION TO TRAI	AND ASPORT OIL AND NA	TURAL GAS DE G	Mes				
)perator					V E IM				
moco production Co.	•			OIL CON. [ DIST 2	35				
Ol Airport Drive, Farm	ingto	on, N M 87	401	OIL CON I	\n.				
leoson(s) for filing (Check proper box)			Other (Ple	ase explain) DIST a	NV.				
X New Well		n Transporter of:		2.31. 3	• • • • • • • • • • • • • • • • • • •				
Recompletion	Cast	nghead Gas	Dry Gas						
Change in Ownership		industrial Cas	Constitution		<del></del>				
change of ownership give name ad address of previous owner									
. DESCRIPTION OF WELL AND LE	ASE								
_ease Name	Well No.	Pool Name, Including	Formation	Kind of Lease	Lease No.				
tate Gas Com BF	1E	Basin 1	)akota	State, Federal or Fee Fee					
_ocation					•				
Unit Letter I : 1775	Feet Fro	m The South	Line and915	Feet From The East					
Line of Section 16 Township	2 Q N	Range	9₩ . мм	PM, San Juan	County				
2000									
IL DESIGNATION OF TRANSPORT	ER OF		AL GAS	ss to which approved copy of this form is	to be sent?				
Name of Authorized Transporter of CII ermian Corporation	or C	ondensate 🔃		702, Farmington, NM 8					
Name of Authorized Transporter of Casinghe	ad Gas	or Dry Gas [X]		ss to which approved copy of this form is					
1 Paso Natural Gas Com				90, Farmington, NM 87					
Unit	Sec	. Twp. Rge.		Is gas actually connected? When					
If well produces oil or liquids, give location of tanks.	116	29N 9W	No	No					
this production is commingled with the	t from ar	y other lease or poo	ol, give commingling or	der number:					
IOTE: Complete Parts IV and V on									
			ال ال	CONSERVATION DIVISION					
I. CERTIFICATE OF COMPLIANCE			OIL.	CONSERVATION DIVISION	1985				
hereby certify that the rules and regulations of	the Oil C	onservation Division ha	APPROYED	OUI I I	. 19				
een complied with and that the information give ly knowledge and belief.	n is true a	nd complete to the best	By Sul	S. Cha					
ly knowledge and benef.				SUPERVISOR DISTRICT # 3					
201			TITLE	WISH DISTRICT W S					
Sha	(4)		11	to be filed in compliance with RUL					
(S/second)			If this is a r	equest for allowable for a newly dri- ust be accompanied by a tabulation	lied or deepened of the deviation				
(Signature)	ייי איי	ieor	tests taken on th	e well in accordance with AULE 1	11.				
Adm. Su	DET A	LBUI		of this form must be filled out comp	letely for allow-				
6-7-85			Fill out only	able on new and recompleted wells.  Fill out only Sections I. II. III. and VI for changes of owner.					
(Date)			well name or number, or transporter, or other such change of condition						
				rms C-104 must be filed for each					

Choke Size

7.5 11

V. COMPLETION DATA	Oll Well Gas Well	New Well Workover Deepen	Plug Back   Same Res'v. Diff. Res'v				
Designate Type of Complet	ion - (X)	X					
Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.				
4-9-85	5-2-85	6914'	6906'				
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation	Top Oll/Gas Pay	Tubing Depth				
5832 'GR	Dakota	6676'	6887				
Perforations			Depth Casing Shoe				
6676'-6690',6760'-6	776',6850'-6900'		6914'				
	TUBING, CASING, AN	D CEMENTING RECORD					
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT				
12-1/4"	9-5/8",36#,K55	339 '	295 cf				
8-3/4"	7", 20#, K55	2690'	594 cf				
6-1/4"	4-1/2",11.6#,K55	6913'	1463 cf				
	2-3/8"	6887 '					
. TEST DATA AND REQUEST	FOR ALLOWABLE (Test must be able for this	. pon or ou jo. jun by many .	oil and must be equal to or exceed top allo				
Date First New Oil Run To Tanks	Date of Test	Producing Mathod (Flow, pump, gas					
Length of Test	Tubing Prossure	Casing Pressure	Choke Size				
Actual Prod. During Test	Oli-Bbls.	Water - Bble.	Gas - MCF				
AS WELL							
Actual Prod. Test-MCF/D	Length of Test	Bbis. Condensate/MMCF	Gravity of Condensate				

Casing Pressure (Shut-La)

3 hrs.
Tubing Pressure (Shut-in)

1865 psig

5082 Testing Method (pitot, back pr.)

#### INSTRUCTIONS

28. tailed in with 154 cf Class B 50:50 poz.

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All drophs reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 30 through 34 shall be reported for each zone. The form is to be filled in quintuplicate except on state land, where six copies are required. See Rule 1105.

# INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anh	v		T. Canyon	T. Oio Al	amo		T. Pe	enn. "B"		
T. Salt	Salt T. Strawn				d-Fruitl	and	T. Pe	enn. "C"		
	Salt T. Atoka									
			T. Miss							
		T. Devonian								
			T. Silurian							
			T. Montoya							
T. San	Andres		T. Simpson	T. Gallup	580	5	T. Ig	nacio Qtzte		
T. Glor	ieta		T. McKee	Base Gree	nhorn65	60	T. Gr	anite		
T. Pad	dock		T. Ellenburger	T. Daķota	667	5	т			
			T. Gr. Wash					_ T		
			T. Granite							
			T. Delaware Sand							
T. Abo	, .	· ·	T. Bone Springs	T. Wingat	e		_ Ť		<u></u>	
T. Wolf	camp		Т.	T. Chinle			_ T			
T. Pen	n		т.	T. Permia	ın		_ т			
			т							
-		· ·		R GAS SANDS (						
No. 1. fro	om									
_			· ·							
			to							
No. 3, fro	m			No. 6, from	a		to.	******************		
			to							
-				•			•			
lo. 4, fro	m		·····to		**********	feet		· · · · · · · · · · · · · · · · · · ·		
			FORMATION RECORD (	Attach additional	sheets if	necessary)				
From	To	Thickness in Feet	Formation	From	To	Thickness in Feet		Formation		
			Ojo Alamo					· · · · · · · · · · · · · · · · · · ·		
			Fruitland							
			Pictured Cliffs		Not	100004	aborre	e Gallup.		
			Cliffhouse		NOL	TORREG	abuvt	· Garrah.		
		1. (4)	Menefee							
			Point Lookout							
805	6295		Gallup							
560	6675	15. A	Greenhorn							
67.5	6890		Dakota							
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# STATE OF NEW MEXICO

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OIL CONSERVATION DIVISION SANTA FE. NEW-MEN CO 8/500N
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Moved in and rigged up s and plugback depth is 69 30 minutes. Perforated for a total of 200 holes gel and 75,000 # 20-40 m 6760'-6776', 4 jspf, .50 6676'-6776' with 70,000 Landed 2-3/8" tubing at	the following interval 68 interval 68 interval 68 interval 68 interval 68 interval 68 interval 70 in diameter, for a gal of 70 quality for	als: 6850'-6900' 350'-6900' with 7 orated the follow total of 120 hol im and 105,000 #	ing to 4200 psi ', 4 jspf, .50' '0,000 gal 30# ving intervals: es. Fraced in 20-40 mesh bra	for in diameter, crosslinked 6676'-6690'.
, starting at	and released th	te rig on $5-2-85$ .		
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			OIL CON. DIST. 3	DIV.
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STATE OF NEW MEXICO 87501

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# STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
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# OIL CONSERVATION DIVISION

OtSUMO(1)

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Name of Operator	OTHER-	· ·					
		8. Farm or Lease Ivame					
Amoco Productio	on Co.	State Gas Com BF					
		9. Well No.					
501 Airport Dri	ve, Farmington, N M 87401	1E					
		10. Field and Paol, or Wildcan					
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	15. Elevation (Show whether DF, RT, GR, etc.)	12. County					
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work) SEE RULE 1103.	stions (Clearly state all pertinent details, and give pertinent dates, inc	luding estimated date of starting any proposed					
Spud a 12-1/4"	hole on 4/9/85. Drilled to 339'.	Set 9-5/8".36#.					
K55 Casing at 3	39' and cemented with 295 cu.ftCl	ass B. Circulated					
cement to surfa-	ce. Pressure tested casing to 1000	psi for 30 minutes					
Drilled an 8-3/	4" hole to 2690'. Set 7",20#,K55 i	ntermediate casing					
at 2690'. Cemen	ted with 476 cu.ft. Class B Portlan	d and tailed in					
with 118 cu.ft.	Class B Portland. Circulated ceme	nt to surface					
Drilled a 6-1/4	" hole to a TD of 6914'. Set 4-1/2	".11.6#.K55 casing					
at 6913'. Ceme	nted with 1309 cu.ft. Class B 50:50	poz and tailed					
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OVER OF JOHN	SUPERVISOR DISTRICT # 3	MAY 01 1005					



# United States Department of the Interior

### BUREAU OF LAND MANAGEMENT

New Mexico State Office 1474 Rodeo Rd. P.O. Box 27115

IN REPLYREFER TO: 3160 (921)

Santa Fe, New Mexico 87502-0115

NGPA Location: 435 Montano Road NE, Albuquerque, NM 87107-4935

CERTIFIED MAIL NO. P 071 878 823

July 26, 1993

RETURN RECEIPT REQUESTED

Marilyn L. Rand, Director Division of Producer Regulation Federal Energy Regulatory Commission 825 North Capitol Street NE-Washington, DC 20426

Dear Ms. Rand:

This jurisdictional agency hereby designates the Mesaverde formation underlying the following described lands in the Blanco Mesaverde Area of the Blanco Mesaverde Pool located in San Juan and Rio Arriba Counties, New Mexico, as a tight formation, BLM Docket No. NM-1813-92, under Section 107 of the NGPA:

## Township 27 North, Range 7 West, NMPM

Sections 1 through 12: All Section 15: W 1/2 Sections 16 through 21: All Section 22: W 1/2 Section 27: NW 1/4 Section 28: N 1/2 Sections 29 and 30: All

# Township 27 North, Range 8 West, NMPM

Sections 1 through 36: All

## Township 28 North, Range 7 West, NMPM

Sections 7 through 36: All (Irregular Township)

### Township 28 North, Range 8 West, NMPM

Sections 7 through 36: All (Irregular Township)

# Township 28 North, Range 9 West, NMPM

Sections 7 through 36: All (Irregular Township)

### Township 28 North, Range 10 West, NMPM

Sections 7 through 36: All (Irregular Township)

### Township 29 North, Range 7 West, NMPM

Sections 1 through 36: All

#### Township 29 North, Range 8 West, NMPM

Sections 1 through 36: All

- Township 29 North, Range 9 West, NMPM Sections 1 through 36: All
- Township 29 North, Range 10 West, NMPM Sections 1 through 36: All
- Township 29 North, Range 11 West, NMPM Sections 1 through 36: All
- Township 30 North, Range 7 West, NMPM Sections 1 through 36: All
- Township 30 North, Range 8 West, NMPM Sections 1 through 36: All
- Township 30 North, Range 9 West, NMPM Sections 1 through 36: All
- Township 30 North, Range 10 West, NMPM Sections 1 through 36: All
- Township 30 North, Range 11 West, NMPM Sections 1 through 36: All
- Township 31 North, Range 6 West, NMPM
  Sections 6 and 7: All
  Sections 18, 19 and 30: All
- Township 31 North, Range 7 West, NMPM Sections 1 through 36: All
- Township 31 North, Range 8 West, NMPM Sections 1 through 36: All
- Township 31 North, Range 9 West, NMPM Sections 1 through 36: All
- Township 31 North, Range 10 West, NMPM Sections 1 through 36: All
- Township 31 North, Range 11 West, NMPM Sections 1 through 36: All
- Township 32 North, Range 10 West, NMPM Sections 1 through 36: All
- Township 32 North, Range 11 West, NMPM Sections 1 through 36: All

The total area encompasses 480,076 acres, more or less, occupying 750 square miles of the north central San Juan Basin located in San Juan and Rio Arriba Counties, New Mexico. The designated area consists of 78.68% Federal, 0.33% Navajo Allotted, 12.08% State and 8.91% Fee Lands.

The applicant is Amoco Production Company, Southern Rockies Business Unit, P. O. Box 800, Denver, Colorado 80201. The application was prepared by Rose Exploration, Inc., 518 17th Street, Suite 740, Denver, Colorado 80202.

Existing Federal and State of New Mexico Regulations administered by the U.S. Bureau of Land Management and the New Mexico Oil Conservation Division relating to drilling, casing, and cementing of wells are in effect to help assure that development of the Mesaverde formation will not adversely affect or impair any fresh water aguifers.

The estimated average  $\underline{in\text{-situ}}$  gas permeability, throughout the pay section, is expected to be 0.1 millidarcy or less.

The stabilized production rate, against atmospheric pressure, of wells completed for production in the Mesaverde formation, without stimulation, is not expected to exceed the maximum production rate contained in the FERC tight formation guidelines.

No well drilled into the designated tight formation is expected to produce, without stimulation, more than five barrels of crude oil per day.

The formation has been authorized to be developed by infill drilling. This incentive no longer applies as the purpose of this tight formation area designation is to obtain IRS Section 29 tax credits.

The applicant does not seek to qualify gas produced from the tight formation for the incentive price.

Evidence was presented by the applicant to the BLM and the New Mexico Oil Conservation Division. The exhibits and other documentation are enclosed. The BLM Tight Formation Review and Technical Report is enclosed.

Included with this designation is a letter dated July 26, 1993, from the Chief Hearing Officer/Engineer, New Mexico Oil Conservation Division signifying their concurrence with this designation.

It is requested that this jurisdictional agency be advised in writing when the 45 day review period will end and the appropriate FERC State No. (NM-\_\_) assigned to this tight formation be included.

Persons objecting to this determination may file a protest directly with the Federal Energy Regulatory Commission, in accordance with 18 CFR Part 275.203 and 275.204, within 20 days after the notice is published in the Federal Register by the FERC.

If you have any questions please contact Allen F. Buckingham at (505) 761-8765 or FAX (505) 761-8911.

Sincerely yours,

for Deputy State Director
Lands and Minerals

Enclosures

cc:

Amoco Production Company (J. W. Hawkins) (w/BLM Tech Rept)
Rose Exploration, Inc. (Mike Wynne) (w/BLM Tech Rept)
New Mexico Oil Conservation Div. (Michael Stogner) (w/BLM Tech Rept)
NM-921 (Steve Salzman)
NM-011 (Tom Hewitt/NGPA Liaison)

the comments address issues of Acting Secretary feasibility and cost-effectiveness. These and any future comments on the nengiven serious consideration for potential Sections 1-12-All Section. 15: W/2 applicability, to the Federal residential standard development required by the Energy Policy Act of 1992.

Issued in Washington, DC: August 5, 1993. Robert L\_San Martin,

Acting Assistant Secretary: Energy Efficiency and Henewable Energy.

[FR Doc. 93-19409 Filed 8-11-93; 8:45 am] BILLING CODE 6840-01-P

#### Federal Energy Regulatory Commission

[Docket No. JD93-13529T New Mexico-48]:

United States Department of the Interior, Bureau of Land Management; NGPA Notice of Determination by Jurisdictional Agency Designating Tight Formation

August 6, 1993.

Take notice that on July 30, 1993, the United States Department of the: Interior's Bureau of Land Management (BLM) submitted the above-referenced notice of determination pursuant to § 271.703(c)(3) of the Commission's regulations, that the Mesaverde Group underlying certain lands in the Blanco Mesaverde Area of the Blanco Mesaverde Pool in San Juan and Rio Arriba Counties, New Mexico, qualifies. as a tight formation under section 107(b) of the Natural Gas Policy Act of 1978. The area of application covers approximately 480,076 acres, more or less, and consists of 78.68% Federal, 0.33% Havajo Allotted, 12.08% State and 8.91% Fee Lands. The recommended area is described on the attached appendix.

The notice of determination also contains BLM's and the New Mexico Department of Energy, Minerals and Natural Resources' findings that the referenced portion of the Mesaverde Group meets the requirements of the Commission's regulations set forth in 18 CFR part 271\_

The application for determination is available for inspection, except for material which is confidential under 18 CFR 275.206, at the Federal Energy Regulatory Commission, 825 North Capitol Street, NE., Washington, DC. 20426. Persons objecting to the determination may file a protest, in accordance with 18 CFR 275.203 and

on non-Federal residential buildings are 275,204, within 20 days after the date . . . lso relevant to a building energy this notice is issued by the Commission andard for Federal residences because Linwood A. Walson, Jr.

Appendix TOWNSHIP 27 NORTH, RANGE 7 WEST

Section 15: W/2
Sections 16-Z1: All
Section 22: W/Z the state of the

Section 27: NW/4 Section 28) N/2

Sections 29-30: All

TOWNSHIP 27 NORTH: RANGE 8 WEST Sections 1-36:All:

TOWNSHIP 28 NORTH, RANGE:7 WEST TOWNSHIP 28 NORTH, RANGE 8 WEST. TOWNSHIP 28 NORTH, RANGE 9 WEST TOWNSHIP 28 NORTH, RANGE 10. WEST

Sections 7-36: All (Irregular Township). TOWNSHIP 29 NORTH, RANGE 7 WEST TOWNSHIP'29 NORTH RANGE 8 WEST TOWNSHIP 29 NORTH, RANGE 9 WEST TOWNSHIP 29 NORTH, RANGE 10 WEST TOWNSHIP 29 NORTH, RANGE 11 WEST TOWNSHIP 30: NORTH, RANGE 7 WEST TOWNSHIP 30 NORTH, RANGE & WEST TOWNSHIP 30 NORTH, RANGE 9 WEST TOWNSHIP 30 NORTH, RANGE.10 WEST TOWNSHIP 30 NORTH, RANGE 11 WEST Sections 1-36: All

TOWNSHIP 31 NORTH, RANGE 6 WEST Sections 6-7: All Sections 18-19: All

Section 30: All

TOWNSHIP 31 NORTH, RANGE 7 WEST TOWNSHIP 31 NORTH, RANGE'S WEST TOWNSHIP 31 NORTH, RANGE 9 WEST TOWNSHIP 31 NORTH, RANGE 10 WEST TOWNSHIP 31 NORTH, RANGE 11 WEST Sections 1-36: All

TOWNSHIP 32 NORTH, RANGE 10 WEST TOWNSHIP 32 NORTH, RANGE 11 WEST Sections 7-36: All (Irregular Township)

[FR Doc. 93-19327 Filed 8-11-93;:8:45 am] BILLING CODE 6717-01-M

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Nm-1813-92

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