

30-045-24152 NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

Bill Richardson Governor Joanna Prukop Cabinet Secretary Lori Wrotenbery Director Oil Conservation Division

January 21, 2003

Office of the Secretary Federal Energy Regulatory Commission 888 First Street, N.E. Washington, DC 20426 Attn: Marilyn Rand

RE: BP America Production Company Hutton Gas Com No. 1E Sammons Gas Com C No. 1E State Gas Com BF No. 1E

Ms. Rand:

Enclosed are your copies of the approved NGPA applications for the above applicant.

Sincerely,

wy Valdes

Kathy Valdes

Enclosures

			Form C-132 Revised 10/1/86
\$ \$	tate of New Me energy and minerals departme	illa 11	5-03-002
L	OIL CONSERVATION DIVISIO	" South St. Francis N	Drive
FOR DIVISION	Santa Fe, NM 87505		5A. Indicate Type of Lease
USE ONLY: APPLICATION FOR WELL	HEAD PRICE CEILING CATEGOR	Y DETERMINATION	STATE FEE X
APPROPIATE FILING FEE(S) ENCLOSED? YES		- FILING FEE(S) -	5. State Oil & Gas Lease No.
DATE COMPLETE APPLICATION FILED	acy 2, 2003 .	Effective October 1, 1986,	
DATE COMPLETE APPLICATION FILED <u>Janua</u> DATE DETERMINATION MADE <u>Sanva</u>	17,2003	a non-refundable filing fee of \$25.00 per category for each	7. Unit Agreement Name
WAS APPLICATION CONTESTED? YES 1	NO .	application is mandatory. (Rule 2, Order No. R-5878-8-3	
NAME(S) OF INTERVENORS(S), IF ANY:		2, Older No. R-3878-8-3	8. Farm or Lease Name
NAME(3) OF INTERVENCES(3), IF ANT.	Na		Hutton Gas Com
2. Name of Operator			9. Well No.
BP America Production Company			1E
3. Address of Operator			10. Field and Pool, or Wildcat
P.O. Box 3092 Houston, TX 77253			Basin Dakota
4. Location of Well UNIT LETTER LOCATED		NORTH_LINE	12. County
AND 1815 FEET FROM THE WEST LINE OF SE	<u>. 06 тws. 29N</u>	RGE. 12W NMPM	San Juan
11. Name and Address of Purchaser(s)			
El Paso Field Services			
		API No. 30-0.	45-24152
Check appropriate box for category so	ought and information submit		

- 1. Category(ies) sought (By NGPA Section No.)
- 2. Filing Fee(s) Amount Enclosed: \$ 25.00
- 3. All applications must contain:
 - a. C-101 APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK
 - b. C-105 WELL COMPLETION OR RECOMPLETION REPORT
 - c. DIRECTIONAL DRILLING SURVEY, IF REQUIRED UNDER RULE 111
 - d. AFFIDAVITS OF MAILING OR DELIVERY
- 4. In addition to the above, all applications must contain the items required by the applicable rule

of the Division's "Special Reules of Applications for Wellhead Price Ceiling Category

Determinations" as follows:

A. NEW NATURAL GAS UNDER SEC. 102 (c) (1) (B) (using 2.5 Mile or 1000 Feet Deeper Test)

- All items required by Rule 14 (1) and/or Rule 14 (2)
- B. NEW NATURAL GAS UNDER SEC. 102 (c) (1) (C) (new onshore reservoir)
- All items required by Rule 15
- C. NEW ONSHORE PRODUCTION WELL UNDER SEC. 103

All items required by Rule 16a OR Rule 16B

D. SEC. 107 HIGH COST NATURAL GAS (TIGHT FORMATION, DEEP, COAL SEAM, AND PRODUCTION ENHANCEMENT) UNDER SEC. 103

All items required by Rule 17 (1), Rule 17 (2), Rule 17 (4), or Rule 17 (5)

E. STRIPPER WELL NATURAL GAS UNDER SEC. 108

All items required by Rule 18

I, HEREBY CERTIFY THAT THE INFORMATION CONTAINED HEREIN IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF.	FOR DIVISION USE ONLY
Mary Corley AME OF APPLICANT (TYPE OR PRINT)	Disapproved The information contained herein includes all of the information required to be filed by the applicant under Stiopert 8 of Part 274 of the FERC regulation
Title Senior Regulatory Agalyst Date December 17, 2002	EXAMINER

A. THE NGPA WELL CATEGORY DETERMINATION IS BEING SOUGHT FOR A WELL **PRODUCING:**

- A1 ____ occluded natural gas from coal seams.
- A2 _____ natural gas from Devonian shale. A3 X natural gas from a designated tight formation.

B. FOR ALL APPLICATIONS FOR DETERMINATION PROVIDE THE FOLLOWING:

1.	Well Name	and No.*	Hutton G	as Com 1	E					
2.	Completed	in (Name of Re	servoir) *	0	Dakota					
3.	Field *	Basin Dakota	a							
4.	County *	San Juan								
5.	State *	New Mexico								
6.	API Well N	lo. (14 digits m	<u>aximum. I</u>	<u>f not assig</u>	ned, leave	blank.)	30)-045-24	4152	
9.	Measured I TOP 590	Depth of the Col 6'	npleted In	terval (in	feet) BASE	6088'				
		S MAILING A OR APPLICA Name * BP				TTY OF	THI	E PER	SON WH	IO IS
2.	Street *	50	1 Westlake	Park BLV	′D					
3.	City *	Но	ouston							
4.	State*	Те	xas				5. Zi	p Code	77079	
6.	Name of Pe	erson Responsib	le *	Mary Corle	ey					
7.	Title of Suc	ch Person */		Senior Re	gulatory Ar	nalyst				
8.	Signature	Mary	nly			and Pho	ne No	. (28	1)366	- 4491
*	SIGNIFIES T	THAT LINE ENTR		NTAIN UP	to 35 let	TERS AN	JD/OR	NUMB	ERS.	

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 gualified within and for the State and County aforesaid, personally came and appeared Mary Corley, who being by me first duly swom, 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 Hutton Gas Com well # 1E, API No. 30-045-24152 is natural gas produced from a FERC designated tight formation, assigned State No. NM - 36 through:

- X a well the surface drilling of which began after December 31, 1979, but before January 1, 1993:
- 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.

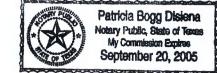
Mary Corlex

Senior Regulatory Analyst Subscribed in my presence and duly sworn to before me, this 17 day of December, 2002. Siena Tatilia Bogg

Notary Public

My Commission Expires:

BLM Affidavit





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

ET MERCHARD REPORT

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 Hutton Gas Com Well No. 1E – Messaverde Dakota San Juan County, New Mexico

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 Øorley

Sr. Regulatory Analyst

Enclosures Cc: Working Interest Owners

and the second second



CIL CONSERVATION DIV.

03 JAN -2 PM 2:39

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

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

APINO. 30-045-24152

Attached please find a check in the amount of \$25.00 payable to the State of New Mexico for NGPA Section 107 Well Category Determinations for the below listed BP America Production Company well.

Hutton Gas Com Well # 1E

Basin Dakota Meanverde Pool

NM - 48 36

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 well.

Very trul VOURS Sr. Regulatory Analyst

Enclosures



BP America Production Company 509 South Boston Tulsa, OK 74103

62-20 CHECK NO. 0800526173

Authorized Stanature

12/18/02

PAY TO THE ORDER OF

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

*******\$\$25.00 NOT VALID AFTER 6 MONTHS

Twenty five and 00/100 Dollars

TRACE NUMBER: 2000447559

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

#0800526173# #031100209#

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SpMp

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OPERATOR							
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S. TYPE OF COMPL				OTHER		B. Farm or	Lease Name
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. Name of Operator		EN L. BAC	KL_ PESVA.L	OTHER		9. Well No.	n Gas Com
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. I hereby certify that	the information s	hown on both side	s of this form is ten	ie and complete u	the best of my kind	whedge and belief.	
	C. Martin	2 · 1					
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AMOCO PRODUCTION COMPANY	,	•		9. Well Ho.	
3. Address of Operator					<u>1E</u>
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4. Location of Vinit	ingcont, New Mexico 8	/401		Ba	isin Dakota
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STATE OF NEW MEXICO

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L CONSERVATION DIVISIO

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P. O. UOX 2088

ENERGY AND MINERALS DEPARTMENT SANTA FE, NEW MEXICO 87501

Form C-102 Revised 10-1-78

AMOOD PRODUCTION COMPANY HUTTON GAS COM 1-E Unit Letter Section Township Range County F 6 29N 12W San Juan Actual Footage Location of Well: 1800 feet from the North Ilne and 1815 feet from the Vest line 1800 feet from the North line and 1815 feet from the Well No. 25388 Dakota Pool Dedicated Acreage: 317.94 Acr 1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below. San Juan			STI distanc	es must he fro	in the cut	er koundertes	of the Section	ı.	•
Itent Letter Section Termship Among the construction of the constructi				well No.				Well No.	
P Other the second					្រុកលា	TON GAS	COM		1-E
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5388 Dakota Date and Dakota Definition of the server				line and		.5	feet from the	West	line
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No allowshe 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 Commis- sion. Amoco Fee Fee Amoco Fee Redfern, et al, Fee N Certify they the information correct to the best of my knowledge and belief. Company AMOCO Fee Amoco Fee Fee Amoco Fee Amoco Fee Amoco Fee Amoco Fee Amoco Fee Amoco Fee Amoco Fee Amoco Fee Amoco Fee Amoco Fee Amoco Fee Amoco Fee Fee Amoco Fee Amoco Fee Fee Amoco Fee Fee Fee Fee Fee Fee Fee Fe		nitization, u	nilization,	torce-pool i	ng. etc?				all owners been consoli-
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Amoco Fee Amoco Amoco Fee Amoco Amoco Fee Amoco Amoco Fee Amoco Amo		1							CERTIFICATION
1815' Amoco Fee DISTRICT ENGINEER Redfern, Fee Fee Amoco ret al, Fee Sec. DECEMBER 7, 1979 6 I hereby certify that the well location shown on this plat was platted from field autreps made by me o under my supervision, and that the same is true and correct to the best of my knowledge ond bellef. Date Surveyed November DI 141750 Registered fait Survey TE The same to the best of my knowledge ond bellef.							=====	tained here best of my B. E.	ertify that the information con- ein is true and complete to the knowledge and belief Jachul
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me of under my supervision, and that the same is true and correct to the best of my knowledge and belief. Date Surveyed November 12711199 Registered Field Field Surveyed TE and/or Land Surveyed TE THE ALL SURVEYED TE THE SURVEYED TE TH	N Redfern, N	 , ,				I) Amoc		DISTRIC Company AMOCO P Date	RODUCTION COMPANY
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Submit 3 Copies to Appropriate District Office	tural Res	ources Department	Form C-103 Revised 1-1-89
District Office DISTRICT I P.O. Box 1980, Hobbs (NM 182240 R DISTRICT II P.O. Drawer DD, Artesia, NM 88210 DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410	WELL API NO. 3004524152 5. Indicate Type of Lease STATE FEE X 6. State Oil & Gas Lease No.		
SUNDRY NOTICES AND REPORTS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR T DIFFERENT RESERVOIR. USE "APPLICATIO (FORM C-101) FOR SUCH PROPO 1. Type of Well: OIL WELL GAS WELL OTHER	TO DEEPE	N OR PLUG BACK TO A	7. Lease Name or Unit Agreement Name Hutton Gas Com
2. Name of Operator Attentio			8. Well No.
Amoco Production Company 3. Address of Operator	Patt	y Haefele	1E 9. Pool name or Wildcat
	201	(303) 830-4988	Basin Dakota
4. Well Location Unit Letter F : 1800 Feet From The Section 6 Township 29N			B15 Feet From The West Lin
	_	ter DF, RKB, RT, GR, etc.) 5388' GR	
11. Check Appropriate Box to In	dicate N	Nature of Notice, Re	eport, or Other Data
NOTICE OF INTENTION TO:		SU	BSEQUENT REPORT OF:
PERFORM REMEDIAL WORK PLUG AND ABANDON		REMEDIAL WORK	
TEMPORARILY ABANDON CHANGE PLANS		COMMENCE DRILLING	OPNS PLUG AND ABANDONMENT
		CASING TEST AND CE	
OTHER:		OTHER:	Repair leak, reperf
12. Describe Proposed or Completed Operations (Clearly state all per work) SEE RULE 1103.	tinent detai	ils, and give pertinent dates,	including estimated date of starting any proposed

Amoco Production Company has performed the following repair work on this well:

MIRUSU 1/12/96. Set RBP at 4300'. Set tubing plug at 6050' to control gas flow while tripping out. Pressure test casing to 500 psi, bled off 150 psi in 5 min, isolate leaks. Spot cement from 3354-3690' with 30 sx Class B, 15.6 ppg. Set packer and squeeze leaks at 1000 psi. Drill out cement to 3700', circulate hole clean, pressure test squeeze to 500 psi, held ok. Reperforate Dakota zone at: 5905-5922' and 5980-6025' with 2 JSPF, .340" diameter, 124 total shots, 3.125" gun, 120 deg phasing, 12.5 gms. Cleanout 3354-3700'. Land tubing at 6003'. RDMOSU 1/24/96.

4 1996

MAR

I hereby certify that the information above is true and complete to the best of	of my knowledge and belief. $O[[] (C(0)]) = 0 [] /7.$
SIGNATURE Patty Hackele	Staff Assistant
TYPE OR PRINT NAME Patty Haefele	TELEPHONE NO. (303) 830-4988
(This space for State Use)	3-5-56
APPROVED BY Ennie Busch	TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE MAR - 5 1996
CONDITIONS OF APPROVAL, IF ANY:	

Submit 3 Copies to Appropriate District Office	State of New Mex Energy, Minerals and Natural Res		Form C-103 Revised 1-1-89			
DISTRICT I P.O. Box 1980, Hobbs, NM 88240	P.O.Box 2088		WELL API NO. 3004524152			
DISTRICT III DISTRICT III	210	7504-2088	5. Indicate Type of Lease STATE FEE X			
1000 Rio Brazos Rd., Aztec, NM	87410 FIM & 52		6. State Oil & Gas Lease No.			
SUNDRY	NOTICES AND REPORTS ON W	/ELLS				
DIFFERENT R	R PROPOSALS TO DRILL OR TO DEEPE ESERVOIR. USE "APPLICATION FOR P		7. Lease Name or Unit Agreement Name			
1. Type of Well:	RM C-101) FOR SUCH PROPOSALS.)		Hutton Gas Com			
	THER					
2. Name of Operator	Attention:		8. Well No.			
Amoco Production Company		ty Haefele	1E			
3. Address of Operator						
P.O. Box 800 Denver	Colorado 80201	(303) 830-4988	9. Pool name or Wildcat Basin Dakota			
4. Well Location Unit LetterF:	1800 Feet From The North	Line and 18	15 Feet From The FWL Line			
Section 6	Township 29N R	Range 12W N	MPM San Juan County			
	10. Elevation (Show wheth	<i>her DF, RKB, RT, GR, etc.)</i> 5388' GR				
^{11.} Check	Appropriate Box to Indicate I	Nature of Notice, Re	port, or Other Data			
NOTICE OF	INTENTION TO:	SUE	SEQUENT REPORT OF:			
		REMEDIAL WORK				
TEMPORARILY ABANDON CHANGE PLANS COMMENCE DRILLING OPNS.						
PULL OR ALTER CASING		CASING TEST AND CEN				
OTHER: Repair lea	ak, reperf	OTHER:	· · ·			
12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.						

Amoco Production Company requests permission to repair this well per the attached procedure.

	1 0	1996	12
OIL ((Di	D[1]_ 97. 2		12%

I hereby certify that the information above is true and complete to the best	of my knowledge and belief.	
SIGNATURE Patty Halfele	Staff Assistant	DATE 01-09-1996
TYPE OR PRINT NAME Patty Haefele		TELEPHONE NO. (303) 830-4988
(This space for State Use) APPROVED BY CONDITIONS OF APPROVAL, IF ANY:	TITLE SUPERVISOR DISTRICT # 3	DATE JAN 1 0 1996

SJOET Well Work Procedure

•	SJUET We	al work Proc	eaure	
Hutton Gas Com #1E Version: Date: Budget: Repair Type:	Final 1/2/96 DRA/Well Re Casing Failu			
 Objectives: Repair Casing 1. Contact Agency 2. Repair Leak 3. Perforate Dakota 4. Return to Production 	Leak and Re-perf	Dakota Horizon.		
Pertinent Information:Location:6F - 29N - 12Countγ:San JuanState:New MexicoLease:FeeWell Flac:842074	W		Form: API #: Engr: Phone:	Dakota 300-45-2415200 Yamasaki H(303)202-0361 W-(303)830-5841 P(303)533-6437
Economic Information: APC WI: Estimated Cost: Payout: Max Cost -12 Mo. P.O. PV15: Max Cost PV15: Note:	90.15% \$ 35,000 11 Months* \$ M* \$ M \$ M	DK Prod. Bef DK Anticipat	•	0 MCFD 100 MCFD
Formation Tops: (Estimate Nacimento: Ojo Alamo: 1050 Kirtland Shale: 1160 Fruitland: Pictured Cliffs: 1450 Lewis Shale: Cliff House: 2985	:*	Menefee: Point Lookout: Mancos Shale: Gallup: Graneros: Dakota: Morrison:	3400 3705 4010 5050 6020	
Bradenhead Test Informati	on:			

Test Date:		5/8/95	Tubing:	622	Casing:	622	BH:	4
Time	BH	CS	G	INT	CSG			
5 min	0	62	6					
10 min	0	63	0					
15 min	0	63	0					

Comments: Down to nothing.

Hutton Gas Com #1E TD = 6200', PBTD = 6100'Page 2 of 2

- 1. Contact State prior to starting repair work.
- 2. Test anchors, install if necessary. MISURU.
- 3. Blow down and kill well if absolutely necessary kill with 2% KCL
- 4. TOH with tubing. Isolate Dakota with Wireline BP.
- 5. TIH with RBP X Packer. Hunt for leak. (Suspected in the Mesa Verde)
- 6. Isolate leak. Dump sand on top of RBP.
- 7. Spot Cement plug across failure. Pressure up cement.
- 8. Drill out plug; test to 500#.
- 9. CO fill to 6050! (note: not to PBTD)
- RU wireline unit with packoff. Perforate the following intervals UNDERBALANCED! (~100 FT of fluids above guns)with 2 jspf, 120 degree phasing, using 3 1/8" HSC-Ported guns (12.5 gm, 0.34" EHD, 13.1 TTP) correlate to Schlumberger's Induction Log Dated 4/27/80: 5905-5922 5980-6025
- 10. TIH with standard assembly land intake at 6,000'. Clean out fill if present.
- 11. RDMOSU. Return to production. Swab in if necessary.

Subnut 5 Copies Appropriate District Office DISTRICT 1	State of Ne Energy, Minerals and Nati	ural Resources Department	Form C-104 Revised 1-1-89 See Instructions
P.O. Box 1980, Hobbs, NM 88240 <u>DISTRICT II</u> P.O. Drawer DD, Artesia, NM 88210	OIL CONSERVA P.O. Bo	TION DIVISION	ONSERVATION DIM HBHOM of Page RECEIVED
DISTRICT III	Santa Fe, New Me	xico 87504-2088 '90	AUG 22 AM 10 46
000 Rio Drazos Rd., Aztec, NM 87410	REQUEST FOR ALLOWAR TO TRANSPORT OIL	AND NATURAL GAS	
Operator AMOCO PRODUCTION COMPA	ANY		/ell API No. 300452415200
Address		, <u>, ,</u> ,,,,,	
P.O. BOX 800, DENVER, Reason(s) for Filing (Check proper box) New Well Recompletion Change in Operator f change of operator give name	COLORADO 80201 Change in Transporter of: Oil Dry Gas Casinghead Gas Condensate X	Other (Please explain)	
nd address of previous operator		· · · · · ·	····
II. DESCRIPTION OF WELL Lease Name HUTTON GAS COM	Well No. Pool Name, Includi		Lease Lease No. State, Federal or Fee
Location Unit LetterF	: 1800 Feet From The	FNL Line and 1815	Feet From The Line
Section 06 Townshi	20N - 12W	, NMPM,	SAN JUAN County
III. DESIGNATION OF TRAN Name of Authorized Transporter of Oil	an Condonaste	RAL GAS Address (Give address to which appr	roved copy of this form is to be sent)
MERIDIAN OIL INC. Name of Authorized Transporter of Casin		3535 EAST 30TH STRE Address (Give address to which app	ET. FARMINGTON, CO 87401
EL PASO NATURAL GAS CO If well produces oil or liquids, give location of lanks.	OMPANY Unit Soc. Twp. Rge.	P.O. BOX 1492, EL P Is gas actually connected?	ASO, TX 79978 Whea?
f this production is commingled with that V. COMPLETION DATA	from any other lease or pool, give comming		en Plug Back Same Res'v Diff Res'v
Designate Type of Completion	Oil Well Gas Well	New Well Workover Deep	ben Plug back Same Res v Dill Res v
Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation	Top Oil/Gas Pay	Tubing Depth
Perforations			Depth Casing Shoe
· · · · · · · · · · · · · · · · · · ·		CEMENTING RECORD	SACKS CEMENT
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
V. TEST DATA AND REQUE	EST FOR ALLOWABLE		(a this death on he for full 24 hours)
OIL WELL (Test must be after Date First New Oil Run To Tank	recovery of total volume of load oil and mus	Producing Method (Flow, pump, gas	s lift, etc.)
Length of Test	Tubing Pressure	Casing Pressure	FRAVEM
Actual Prod. During Test	Oil - Bbls.	Water - Bbis.	Gas- MCF
			JUL 51990
GAS WELL	Length of Test	Bbls. Condensate/MMCF	CON DIV
	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size
l'esting Method (pitot, back pr.)	LOUND LEADILE (DITHE M)		
VI. OPERATOR CERTIFI 1 hereby certify that the rules and reg Division have been complied with ar is true and complete to the best of m	nd that the information given above	OIL CONSE	RVATION DIVISION
D. J. Julier	-		3.0 d. 1
	aff Admin. Supervisor	Ву	SUPERVISOR DISTRICT #3
Printed Name June 25, 1990 Date	Title <u>303-830-4280</u> Telephone No.	Title	

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) Supports Form C 104 must be filed for each pool in multiply completed wells.

•	SEP 1 8 1987
STATE OF NEW MEXICO	SFP 1 8 1987
ENERGY AND MINERALS DEPARTMENT	Form C-104
	A FLON DIVISION -
P. O. 8	OX 2088
LAND OFFICE	W MEXICO 87501
RECUEST F	DR ALLOWABLE
	AND
Contraction to TRAN.	SPORT OIL AND NATURAL GAS
Amoco Production Company	
501 Airport Drive Farmington, NM - 87401	
Rooson(s) for filing (Check proper box)	Other (Please expirin)
Change in Transporter of:	Iry Gas
	andensate
If change of ownership give name	
and address of previous owner	
II. DESCRIPTION OF WELL AND LEASE Lease Name Well Na. Pool Name, including F	armation Kind of Lease
Hutton Gas Com IE Basin Dakota	State, Federal ar Fee Fee
Unit Letter F : 1800 Feet From The North Lin	ne and 1815 Feet From The West
Line of Sociion 6 Township 29N Range 1	2W, NMPH, San Juan County
III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL	GAS
Name at Authorized Transporter at Cit or Condennate X Permian Corp. Permian (Eff. 9 / 1 /87)	P. O. Box 1702 Farmington, NM 87499
Name of Authorized Transporter of Casinghead Gae 🗌 or Dry Gas 🔀 El Paso Natural Gas Company	Addrees (Give address to which approved copy of this form is to be sent) P. O. Box 990 Farmington, NM 87401
If well produces all or liquida, Unit Sec. Two. Rge.	is das detually connected? When
give location of tanks. 'F' 6:29N 12W	1
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.	1
VI. CERTIFICATE OF COMPLIANCE	OIL CONSERVATION DIVISION
I hereby certury 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 JAN 22 1985
my knowledge and belief.	sy
ONC	TITLE DEPUTY OIL & GAS INSPECTOR DIST. #3
SDShan.	This form is to be filed in compliance with SULE 1104.
Admin. Supervigner	If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation
Tully G P	tests taken on the well in accordance with RULE (1). All sections of this form must be filled out completely for slice-
1-2-85 6110	Fill out only Sections L. H. H. and VI for changes of success
OII ANOS EA	well name or number, or transporter, or other such change of condition.
C-1385	Separate Forms C-104 must be filed for each pool in multiply completed wells.

•	
STATE OF NEW MEXICO NERGY AND MINERALS DEPARTMENT	
se, de l'estre service	Form C104
CISTELEUTION	Bevised 10.01.28
	RVATION DIVISION Format 06-01-83
	0. BOX 2088 NEW MEXICO 87501
	NEW MEXICO 87501
AANSPORTER GIL GAS	and the standard and the standard and
	T FOR ALLOWABLE
AUTHORIZATION TO TR	AND RANSPORT OIL AND NATURAL GAS
torial of the second	CANSI SILT OLE AND NATURAL GAS
Amoco Production Company	(1α)
Sdrees	
501 Airport Drive Farmington, NM 87401	
ason(s) for filing (Check proper box)	Other (Please explain)
Change in Transporter of:	-
Ghange-In Ownership. Casingheet Gas	
	Condensate
change of ownership give name	
DESCRIPTION OF WELL AND LEASE	
Well No. Pool Name, includin	
utton Gas Com IE Basin Dakot	La State, Federal or Fee Fee
Unit Letter F : 1800 Feat From The North	
Call Caller : Feet From The NOrth	Line and 1815 Feel From The West
Line al Section 6 Township 29N Range	12W NMPM Son hun
	County
DESIGNATION OF TRANSPORTER OF OIL AND NATUR	RAL GAS
Permian Corp.	Asaress (Give address to which approved copy of this form is to be sent)
me-of-Authorizes Transporter of Casinghead Gas	P. O. Box 1702 Farmington, NM 87499
El Paso Natural Gas Company	Address (Cive address to which approved copy of this form is to be sent) P. O. Box 990 Farmington, NM 87401
rell produces all ar liquida. Unit Sec. Twp. Rgs.	
· location of ranks. F 6 29N 120	
is production is commingled with that from any other lesse or poo	ol, give commingling order number
TE: Complete Parts IV and V on reverse side if necessary.	
	9
CERTIFICATE OF COMPLIANCE	OIL CONSERVATION DIVISION
by certify that the rules and regulations of the Oil Conservation Division hav	
complied with and that the information given is true and complete to the best o nowledge and belief.	or ANN 6,49 1000
/	BY holyon
Oxo	TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #3
KANA	
DDSraw	This form is to be filed in compliance with RULE. 1104.
(Signalwo)	If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well
Admin. Supervisor	I
1-2-85 ALER	All sections of this form must be filled out completely for silcm- able on new and recompleted wells.
	Fill and anix Sections I that the
S I M IN	the second of the porter of other such change of condition
AND. EM	Separate Forma C-104 must be filed for each pool in multiply completed wells.
VIL ~ 310n ///	
	· · · · · · · · · · · · · · · · · · ·
Stor Par	

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EL PASO NATURAL GAS COMPANY POST OFFICE BOX 990 FARMINGTON, NEW MEXICO

NOTICE OF GAS CONNECTION

DATE ______ 10, 1981____

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

GAS FROM <u>Amoco Production Company</u> Operator		Hutton Gas Com. #1-E Well Name				
93-482-01 Meter Code	73941–51 Site Code	Well Unit	<u>6-29-12</u> S-T-R			
Basin Dakota	Pool	El Paso Natural Gas Company Name of Purchaser				
WAS MADE ON _	February 2, 1981, Date	FIRST DELIVERY	Pebruary 3, 1981 Date			
AOF 3,715						
СНОКЕ 2,775						

El Paso Natural Gas Company Purchaser Brisinal Signed by Bharles A. Thomas

Representative

Assistant Chief Dispatcher

Title

FEB 1 1 1981 OIL CON. COM. DIST. 3

والمراجع

cc: Operator Farmington Oil Conservation Commission -2Proration - El Paso

File

1981 FEB17 DIVISION SANTA FE CONE

n and a second sec	-1=== E	loss						
DISTRIBUTION	22 AP	3						
SANTA FE		ONSERVATION COMMISSION	Parin C-104 Superseden Old C-104 and C-110					
FILE	REQUEST FOR ALLOWABLE Superseden Old C-104 and C-12 AND Effective 1-1-65							
U.S.G.S.	AUTHORIZATION TO TRA	AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS						
IRANSPORTER OIL	the second se							
GAS	DEC 2 8 1980							
PROPATION OFFICE	- C							
Operator								
Amoco Production Com	ipany	<u> </u>						
501 Airport Drive, F Reason(s) for filing (Check proper box	armington, NM 87401	Other (Please explain)						
New Weti	Change in Transporter of:							
	Oli Dry Gas Casinghead Gas. Condens							
Change in Ownership		sale add 7 Mars						
If change of ownership give name and address of previous owner								
DESCRIPTION OF WELL AND	LEASE. Well No.: Pool Name, Including Fo	rmation Kind of Lease	Lease Nc.					
Hutton Gas Com	1E Basin Dakota	State, Federal o	r Fee Fee					
Location								
Unit Letter F ; 18	300 Feet From The North Line	and <u>1815</u> Feet From Th	• <u>West</u>					
Line of Section 6 To	wnship 29N Range	12W , ММРМ,	San Juan County					
DESIGNATION OF TRANSPOR	TER OF OIL AND NATURAL GA	5						
Nome of Authorized Transporter of Oil	or Condensate	Address (Give address to which approve						
Plateau Incorporated	singhead Gas 📋 or Dry Gas 🏝	4775 Indian School Rd. N	IE. Albuquerque. NM 87110 d copy of this form is to be sent)					
Name of Authorized Transporter of Ca El Paso Natural Gas Co		P.O. Box 990, Farmington, NM 87401						
If well produces oil or liquids,	Unit Sec. Twp. P.ge.	Is gas actually connected? When						
give location of tanks.	F 6 29N 12W	No						
If this production is commingled wi COMPLETION DATA	th that from any other lease or pool, i		Plug Back Same Restv. Diff. Restv.					
Designate Type of Completi	on - (X)	New Well Workover Deepen	Plug Back Same Res'v. Diff. Res'v.					
Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.					
4-14-80	6-6-80	6200" Top Oil/Gas Pay	6110 [†] Tubing Depth					
Elevations (DF, RKB, RT, GR, etc.) 5388' GL	Name of Producing Formation Dakota	5906'	6092'					
Perforations			Depth Casing Shoo					
6066-6088', 6000-6024'	', 5980-6000', 5932-5971'	CEMENTING RECORD	6200"					
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT					
12-1/4"	8-5/8", 24.0#	299'	315					
7-7/8"	<u>4-1/2", 11.6#</u> 2-3/8"	<u>6200'</u> 6092'	1269					
. TEST DATA AND REQUEST F	OR ALLOWABLE (Test must be a) able for this de	fter recovery of total volume of load oil an pth or be for full 24 hours)	nd must be apartmor accord top allow-					
OIL WELL Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift,	Y KLULIYED					
	Tubing Pressure	Casing Pressure	hok 6 2 1 2 1000					
Length of Test	Indud Starsma		SEP 16 1980					
Actual Prod. During Test	Oli-Bbls.	Water-Bbls.	DIST. 3					
GAS WELL		-	Crewlin of Condensate					
Actual Prod. Test-MCF/D	Length of Test	Bbis. Condensate/MMCF	Gravity of Condensate					
2775 Teating Method (pitot, back pr.)	3 hours Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size					
Back Pressure	1348 PSIG	1436 PSIG	75					
CERTIFICATE OF COMPLIAN	ICE	OIL CONSERVA	TION COMMISSION					
Threaty partify that the rules and	regulations of the Oil Conservation	APPROVED	1980					
A lost build been complicit.	with and that the information given he bast of my knowledge and belief.	BY_ Srul). G	ung					
WOUND IN LING WITH COMPLETE (1) (1)		TITLE SUPERVISON	NISTRICT 28					
3 3 17 9	17	This form is to be filed in o	ompliance with MULE 1104.					
& Starke	da -	I for allow	able for a newly drilled or acepailed					
	nature)	well, this form must be accompany tears taken on the well in accord	dance with RULE 111.					
District Administrati	And a second	All sections of this form must able on new and recompleted was	it be filled out completely for allow-					
// 9–11–80	itle)	II must contract the second	Iff and VI for changes of owner,					
and and a set of second to a strategy where a local differences and splits along and splits again and a second	Dute)	If well name or number, or transports	be filed for each pool in multiply					
		Separate training a for more						

		•							
ND. OF COPIES RECEN	veo							Form C	-106
DISTRIBUTION								Revise	
ANTA FE						COMMISSION	50.	Indicate	Type of Lease
TILE			State	Fee X					
J.\$.G.\$.		WELL COMPL	ETION U	IK RECU	MPLEHUP	N REPORT	AND LUG	State OI	& Gas Lease No.
AND OFFICE									
PERATOR								7117	mmmmm
JPERATOR								III)	
. TYPE OF WELL									eement Name
I TYPE OF HELL							1 ''	Shirt Agr	cement Name
	OIL WE		L X	DRY	OTHER				
NEW W		PLU	- -) o	PF. []			8.1	arm or .	Lease Name
WELL A OV	ER DEEP			SVR.	OTHER				n Gas Com
Name of Operator							9. 1	Well No.	
Amoco Produc		ıy	4						1E
Address of Operator							10.	Field an	nd Pool, or Wildcat
501 Airport	Drive, Farm	nington, NM	87401				B	lasin	Dakota
Location of Well								7111.	
								IIII	
IT LETTERF	LOCATED	800	FROM THE	North	LINE AND	1815	FEET FROM	1111,	
					mm	TUXIUT		County	HHHHHK
E West LINE OF	ere 6	TWP. 29N R	GE. 121	W		111X1111		San Ju	ian (()()()()
, Date Spudded						levations (DF.	111118		Elev. Cashinghead
4-14-80	4-26-		6-6-80				B' GL		
, Total Depth		ug Back T.D.		If Multiple	Compl., How		ils , Rotary To	ols	. Cable Tools
6200'		6110'		Many		Drilled			
. Producing Interval	s) of this comple		m Name		·······				25, Was Directional Survey
it i fouriering interveri	sil or this compre	non – rop, sono	in, Hame						Made
6066-6088',	6000 602/1	5080-6000	5032	-5071	5006-50	221 . Dake	ta		No ·
i. Type Electric and			, 3932	-J9/1 ,	5,900-55	, Dake			
			0.0	20001	Componed	tod Noute	on Compon-		as Well Cored
duction Elec	-GR-SP, BS								No
1.		CA	SING RECO	ORD (Repor	t all strings	set in well) Sa	ited Form.	Densi	ty-GR, BSC-6200'
CASING SIZE	WEIGHT LB		HSET		SIZE	CEME	TING RECORD		AMOUNT PULLED
8-5/8"	24.01	29	99'	12-1		31	5 sx		
4-1/2"	11.6#	620	001	7-7	/8"	126	69 sx		
l.		LINER RECORD				30.	. TUBII	NG REC	ORD
SIZE	TOP	BOTTOM	SACKS C	EMENT	SCREEN	SIZE	DEPTH	SET	PACKER SET
						2-3/8	6092'		None
. Perforation Record	(Interval, size an	d number)			32. A		RACTURE, CEM	ENT SO	
)66-6088', 60			5032-5	0711		NTERVAL			D MATERIAL USED
06-5922', wi						-6088'			frac fluid x
, wi	LII Z SFF, a	i LULAI DI-		J HOTES	5. 3900	0000	384,000 gc		
		المصحيح الألي المريد الم	50796.0208 N				504,0001 0	1 20	40 Bana
			000						
Property and		SEP241	300	PRODUC				15 11	A A A A A A A A A A A A A A A A A A A
ite First Production	Brod	uction Method (Flu	uin al than I			type numpl	1 W	ell Statu	(Brids or Shut-in)
	1		T.		e - Dire and	-) pro pump)	1	Con States	S. Frankling
ite of Test	Hours Tested	Choke Size	Prod'n.	lowing	11 - Bbl.	Gas - MCI	- Water - H	BP1	LOOSAU PAL
			Test Pe		11 - 801.	1		rp1	3998011 Holio
8-26-80	3 hours				···	347		EPI	
ow Tubing Press.	Casing Pressu	re Calculated 2 Hour Rate	4- 011 - B	bl.	Gas - MC		iter - Bbl	1 por	Gravity - AH (Corr.)
224 PSIG	810 PS	IG		·	277	75	101	- DIS	51.
. Disposition of Gas	(Sold, used for fu	el, vented, etc.)					Test Why	lessed B	Y AT
To be sold								and a	
. List of Attachment:	3								
. I hereby certify that	t the information	shown on both sid	es of this fe	orm is true	and complete	to the best of	my knowledge an	nd belief	
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SIGNED	error	read	TIT 🗠	LEDi	ist Adm	. Supvr.	DAT	TE	9-12-80

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 except on state land, where six copies are required, See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

	2 Southe as ter	n New Mexico	Northwestern	New Mexico
T. B. T. T. T. T. T. T. T. T. T.	Southe aster Anhy T Salt T Salt T Yates T 7 Rivers T Queen T Grayburg T San Andres T Glorieta T Paddock T Blinebry T Tubb T Drinkard T	Canyon	T. Ojo Alamo 1050' T. Kirtland-Fruitland 1160' T. Fictured Cliffs 1415' T. Cliff House 2985' T. Menefee 3400' T. Point Lookout 3705' T. Mancos 4010' T. Gallup 5050' Base Greenhorn 5700' T. Dakota 6020' T. Todilto	T. Penn. "B" T. Penn. "C" T. Penn. "D" T. Leadville T. Leadville T. Madison T. Elbert T. McCracken T. Ignacio Qtzte T. Granite T. T.
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		IMPORTAN	No. 6, from T WATER SANDS	to
		and elevation to which water rose	in hole.	
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No. 4	ł, from	FORMATION RECORD (Attach	additional sheets if necessary)	

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

J

Form C-122 Revised 9-1-65

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Compa		PRODUCT	ION CO.	•	PASC) NATU	RAL GAS (co.				
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				JJB			JJBA	RNETT		W L. PE	TERSON	

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NO. OF COPIES RECEIVED		Form C-103
DISTRIBUTION		Supersedes Old
ANTA FE	NEW MEXICO OIL CONSERVATION COMMISSION	C-102 and C-103 Effective 1-1-65
TILE		
J.S.G.S.		5a. Indicate Type of Lease
AND OFFICE		State Fee XX
PERATOR		5, State Oil & Gas Lease No.
(DO NOT USE THIS FORM FOR PROP USE "APPLICATION	NOTICES AND REPORTS ON WELLS OSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. IN 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 Compa	ny JUL 1 1 1980	Hutton Gas Com
. Address of Operator		9. Well No.
501 Airport Drive F	armington, NM 87401 CIL CONS_RVATION DIVISION	1E
. Location of Well	SANTA FE	10, Field and Pool, or Wildcat
UNIT LETTER F 18	00 FEET FROM THE NORTH LINE AND 1815 FEET FROM	Basin Dakota
	6 TOWNSHIP 29N RANGE 12W NMPM	
///////////////////////////////////////	15. Elevation (Show whether DF, RT, GR, etc.)	12. County
	5388' GL	San Juan
6. Check A NOTICE OF IN	ppropriate Box To Indicate Nature of Notice, Report or Ot TENTION TO:	her Data T REPORT OF:
PERFORM REMEDIAL WORK	PLUG AND ABANDON REMEDIAL WORK	ALTERING CASING
OTHER		ompletion
	(Clash, the literation details and the particulation including	- antimated data of starting any proposed

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.

Completion operations commenced on 5-31-80. Total depth of the well is 6200' and plugback depth is 6110'. Perforated intervals from 6066-6088', 6000-6024', 5980-6000', 5971-2932', and 5906-5922', with 2 SPF, a total of 182, .38" holes. Sand-water fraced with 205,000 gal of frac fluid and 384,000# of 20-40 sand. Landed 2-3/8" tubing at 6092'. Swabbed the well and released the rig on 6-6-80.

•	(RECEIVED
.8. I hereby certify that the information above is true and complete		JUL 71980 OIL CON. COM. DIST. 3
.PPROVED BY_ Charles Shokson	TITLE Dist. Adm. Supvr.	DATE JUL 1300
ONDITIONS OF APPROVAL, IF ANY:		JUL 71980

		/
2		
NO. OF COPIES RECEIVED 3		Form C-103 Supersedes Old
DISTRIBUTION		C-102 and C-103
	O OIL CONSERVATION COMMISSION	Effective 1-1-65
		5g. Indicate Type of Lease
J.S.G.S.		State Fee X
AND OFFICE		5. State Oil & Gas Lease No.
PERATOR		
	PORTS ON WELLS	
SUNDRY NOTICES AND RE (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DRI USE "TAPPLICATION FOR PERMIT	C-101) FOR SUCH PROPOSALS.)	
	ECEIVED_	7. Unit Agreement Name
WELL WELL X OTHER-		8. Farm or Lease Name
Name of Operator	MAY 1 5 1980	
Amoco Production Company	1 10 198U	Hutton Gas Com
Address of Operator	AT ON CONSTRUCTION DURING	1E
501 Airport Drive Farmington, NM	87401 CONSTRUCTION DIVISION	10. Field and Pool, or Wildcat
• —		Basin Dakota
UNIT LETTER F_{1800} Feet from the	LINE AND FEET	
Nect 6	29N 12W	
THE West LINE, SECTION 6 TOWNS	HIP RANGE N	
15. Elevation	(Show whether DF, RT, GR, etc.)	12. County
	5388' GL	San Juan
6. Check Appropriate Box To	Indicate Nature of Notice, Report of	r Other Data
NOTICE OF INTENTION TO:		JENT REPORT OF:
PERFORM REMEDIAL WORK	ABANDON REMEDIAL WORK	ALTERING CASING
TEMPORARILY ABANDON	COMMENCE DRILLING OPNS.	PLUG AND ABANDONMENT
PULL OR ALTER CASING CHANGE P	LANS CASING TEST AND CEMENT JOB	
	OTHER	Spud & Set Casing
OTHER		
7. Describe Proposed or Completed Operations (Clearly state al	l pertinent details, and give pertinent dates, incl	uding estimated date of starting any proposed
work) SEE RULE 1 103.		
udded a 12-1/4" hole on 4-14-80 and dr	illed to 301'. Set 8-5/8", 2	4.0# surface casing at 299' of
18-80 and cemented with 315 sx of clas	s "B" Neat cement containing	2% CaCl ₂ . Good cement was
rculated to the surface.		-
illed a 7-7/8" hole to a TD of 6200'.	Set 4-1/2", 11.6# production	casing at 6200' on 4-27-80
d cemented in two stages:		
Used 314 sx of class "B" Neat cement	containing 50:50 Poz, 6% gel,	2# Medium tuf plug per sx,
and .8% fluid loss addit tres. This w	as tailed in with 100 sx of c	lass "B" Neat cement.
Used 755 sx of class "B" Neat cement	containing 65:35 Poz, 6% gel,	2# Medium tuf plug per sx,
and .8% fluid loss additives. This w	as tailed in with 100 sx of c	lass "B" Meatingement. No
cement was circulated to the surface	on either the first or second	stage
e DV tool was set at 4310'.		/KLLIVTD)
e rig was relased on 4-28-80.		
ů.		MAY 8 1980
		OIL CON. COM.
		DIST. 3
	to to the best of my knowledge and belief	
18. I hereby certify that the information above is true and comple	te to the best of my knowledge and belief.	
1 tan Do ho	Dist. Adm. Supvr.	5-6-80
SIGNED_LCOODDOCA		
= 1 = -//	SUPERVISOR DISTRICT # 3	MAY 8 1980
Sould S Charles	SUPERVISOR DIST.	DATE MAY 8 1980
APPROVED BY		
CONDITIONS OF APPROVAL, IF ANY:		

NO. OF COPIES RECEIVED 3	Form C-103
	Supersedes Old
NEW MEXICO OIL CONSERVATION COMMISSION	C-102 and C-103 Effective 1-1-65
	THECHAR 1-1-03
.5.G.S.	5a. Indicate Type of Lease
AND OFFICE	State Fee X
PERATOR /	5. 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 RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)	
OIL GAS WELL OTHER. INFILL	7. Unit Agreement Name
Name of Operator AMOCO PRODUCTION COMPANY	8. Farm or Lease Name Hutton Gas Com
Address of Operator 501 Airport Drive, Farmington, New Mexico 87401	9. Well No.
Location of Well UNIT LETTER F 1800 FEET FROM THE NOTTH LINE AND 1815 FEET FROM	10. Field and Pool, or Wildcat Basin Dakota
THE West LINE, SECTION 6 TOWNSHIP 29N RANGE 12W NMP	
15. Elevation (Show whether DF, RT, GR, etc.) 5388' GL	12. County San Juan
Check Appropriate Box To Indicate Nature of Notice, Report or C NOTICE OF INTENTION TO: SUBSEQUE	other Data
RFORM REMEDIAL WORK	ALTERING CASING
MPORARILY ABANDON COMMENCE DRILLING OPNS.	PLUG AND ABANDONMENT
LL OR ALTER CASING CHANGE PLANS X CASING TEST AND CEMENT JOB	
OTHER	
Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, includi work) SEE RULE 1103. This is to request an extension of approval for drilling, as expires April 8, 1980. Our plans call for drilling this wel future.	the approval
	RECEIVED
OIL COMSTRUINTION DIVISION SANTA FE FOR 90 DAYS UNLESS DRILLING COMMENCED, 7-7 EXPIRES	APR 4 1980 OIL CON. COM. DIST. 3
. I hereby certify that the information above is true and complete to the best of my knowledge and belief.	
GNED B.E. Hachell TITLE District Engineer	April 3, 1980
PROVED BY Snults. Come TITLE SUPERVISOR DISTRICT # 3	DATE APR 4 1980
DNDITIONS OF APPROVAL, IF ANY:	

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ERGY MID MINERALS DEPARTMENT OIL CONSERVATION DIVISION				Y	50 - 07	5-24152
P. O. BOX 2088				R	evised 10-1-7	0
DISTRIBUTION SANTA FE NEW MEXICO 87501				f:	A. Indicute Typ	
SANTA PE						FTE X
rut 7					S. Elote OIL & G	18 1.0380 HO.
U.S.O.S. 2 JAN 14 1860						
		OIL CONTRACT	er en al en en a ntenen de la companya de	R		AHHHHH
APPLICATION	FOR PERMIT TO	DRILL, DEEPEN,	OR PLUG BACK	3	MMM	MILLIN'
. Type of Work		OMIN	Intra		7. Unit Agreeme	a Name
		DEEPEN	PLUG B	ACK		
. Type of Well					9. Form of Leans	per la
WELL WELL X	OTHER INFI	LL	SINGLE MULT	ZONE L		n Gas Com
Hanie of Operator				2	a, Well No.	-
AMOCO PRODUCTION	COMPANY				1E	
Address of Operator					IO, Field and Fo	
501 Airport Driv	e, Farmington,	New Mexico 874	01		Basir	n Dakota
Location of Well	F Loc	ATER 1800 -	LET FROM THE North	1LINE	11117911	TIPHIII
UNIT CELLE				Ŕ	VXXX BX	XXXX//////
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5388' GL	S	tatewide	Unknown		Mai	rch 1, 1980
3.	P	ROPOSED CASING AND	CEMENT PROGRAM			
				SACKS OF	CENENT	EST. TOP
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT				Surface
12-1/4"	8-5/8"	24#	<u>300'</u> 6230'	315		Surface
7-7/8"	4-1/2"	11.0#	0230	1 1200		
· · · · ·				1	1	•
, noco proposes to dri	11 the above we	11 to further of	develop the Basi	n Dakota	reservoir	. The
ell will be drilled	to the surface	casing point us	sing native mud.	The wel	1 will the	en be
rilled to TD with a	low solids none	lispersed mud sy	ystem. Completio	on design	will be l	based
n open hole logs. (Copy of all logs	s will be filed	upon completion	. Amoco'	s standar	1 blowout
revention will be en	nployed; see at	ached drawing	for blowout prev	enter des	ign.	•
			•			
pon completion the w	vell location with	ill be cleaned a	and the reserve	pit fille	ed and lev	led.
		-			(P)	
as produced from thi	s well is dedic	cated to El Paso	o Natural Gas Co	• /	A CONSTRUCTION OF	1 00
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•		FOR 90 D	AYS UNLESS	1	6 2 3	2.
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ABOVE SPACE DESCRIBE PR	OPOSED PROGRAMI IF	PROPODAL IS TO DEEPEN O	R PLUS BACK, SIVE DATA ON	PRESENT PROD	UCTIVE ZONE AND	PROPOSED NEW PRODUC
VE IONE, GIVE BLOWOUT PREVENTI		plete to the best of my k	nowledge and beltef,			
hereby carilly that the informatio	A BOOVE IS THUS BILL COM	prete to the boat of my -				
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(This space for S	state (Ise)			113	LAN	0 1000
 [710	DEPUTY OIL &	GAS INSPECTOR, DIST.	#3	JAN	8 1980
PPROVED BY Jrank	2. Jave	_ TITLE		D	ATE	
DIDITIONS OF APPROVAL, IF	ANYI Ø					
ж.			•			

STATE OF NEW MEXICO JERGY AND MINERALS DEPARTMENT

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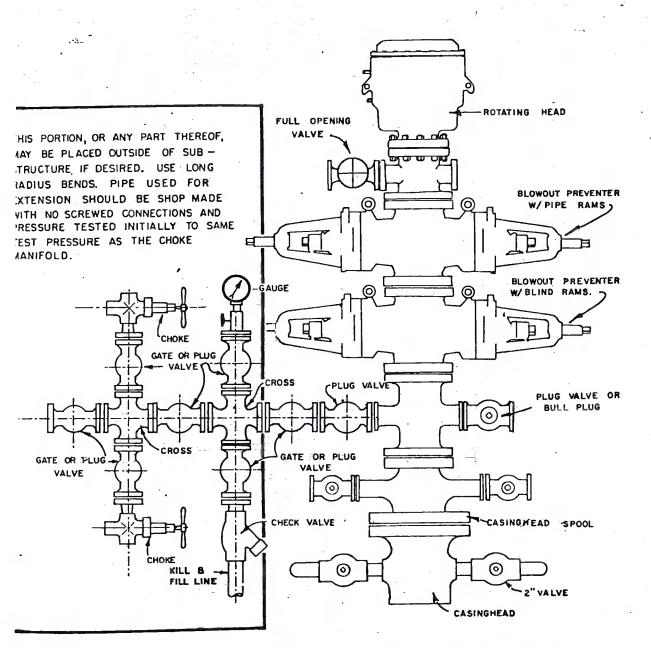
OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-102 Revised 10-1-78

	All distances must be	from the cuter hounder	les of the Section.		
		Lease			Well No.
ION COMPAN		HUTTON GA	S COM		1-E
ction	Township	Range	County		
6	29N	12W	San	Juan	
			feet from the	West	line
					ated Acreage;
					317.94 Acres
one lease is oyalty).	dedicated to the w	ell, outline each ar	nd identify the o	wnership thereof	(both as to working
nunitization, u] No If an	nitization, force-poo swer is "yes," type	oling. etc? of consolidation _	Communiti	ization	
cessary.) vill be assigne	ed to the well until a	all interests have b	een consolidate	ed (by communiti	ization, unitization,
1				CER	TIFICATION
1800	() Fee	31		tained herein is best of my knowl B.E.J.C	that the information con- true and complete to the edge and belief
	/ •	(1) A		B. E. FACKR Position DISTRICT EN	
	1	• • • • • • • • • • • • • • • • • • •	10		1979
	6			shown on this pla notes of actual s under my supervis	that the well location at was plotted from field surveys made by me or sion, and that the some ect to the best of my lief.
				Date Surveyed November Registered rates and/or Lod Survey Fred B Gertification 3950	12 130-
	ction 6 n of Well: ret from the Producing For Dakot: creage dedica one lease is oyalty). one lease of di nunitization, u No If an 'no;' list the cessary.) will be assigned , or otherwise)	FION COMPANY Ction Township 6 29N n of Well: Ime on Producing Formation Dakota Creage dedicated to the subject One lease is dedicated to the well oyalty). one lease of different ownership is nunitization, unitization, force-pool No If answer is "yes," type 'no,'' list the owners and tract descessary.) Amoco Will be assigned to the well until a non-stande Amoco If Fee Amoco '' Fee Amoco '' Sec. Amoco '' Sec. Amoco	Leose Cition Township Range 6 29N 12W n of Well: 12W 1815 Producing Formation Pool Basim Dak Creage dedicated to the subject well by colored per 001 one lease is dedicated to the well, outline each ar 001 one lease of different ownership is dedicated to the munitization, unitization, force-pooling.etc? 1 1 No If answer is "yes," type of consolidation	FION COMPANY HUTTON CAS COM ction Township Range County 6 29N 12W San not Well: not Well: Basin Dakota Sain Producing Formation Pool Basin Dakota creage dedicated to the subject well by colored pencil or hachure is one lease is dedicated to the well, outline each and identify the o oyalty). one lease of different ownership is dedicated to the well, have the innunitization, force-pooling, etc? No If answer is "yes," type of consolidationCommunit: 'no," list the owners and tract descriptions which have actually beccessary.)	PION COMPANY HUTTON GAS COM ettern Township Renge County 6 29N 12W San Juan 6 29N Production Formation Proof Dakota Proof Basim Dakota Definition creage dedicated to the subject well by colored pencil or hachure marks on the pla one lease is dedicated to the well, outline each and identify the ownership thereof oyalty). me lease of different ownership is dedicated to the well, have the interests of all o nunitization, unitization, force-pooling, etc? No If answer is "typs," type of consolidationCommunitization "no," list the owners and tract descriptions which have actually been consolidated. If there were solid to the well until all interests have been consolidated (by communitiated) or otherwise) or until a non-standard unit, eliminating such interests, has been approver free Will be assigned to the well until all interests have been consolidated (by communitiated) or otherwise) or until a non-standard unit, eliminating such interests, has been approver free Nome B. E. FACKR District T EN Amoco Fee Amoco Fee Amoco Fee Amoco Fee Nowne <td< td=""></td<>



BLOWOUT PREVENTER HOOKUP

EXHIBIT D-4 OCTOBER 16, 1969



Albuquerque, New Mexico 87107

3160 (015)

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Certified Mail No. P 765 887 658 Return Receipt Requested

January 6, 1993

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 Dakota formation underlying the following described lands in San Juan County, New Mexico, as a tight formation under Section 107 of the NGPA. The BLM Docket Number assigned to this designation is NM-347-92.

Township 26 North, Range 11 West, NMPM Sections 1 through 36: All

Township 27 North, Range 11 West, NMPM Sections 1 through 36: All

Township 28 North, Range 11 West, NMPM Sections 7 through 36: All

- Township 29 North, Range 11 West, NMPM Sections 1 through 36: All
- Township 30 North, Range 11 West, NMPM Sections 1 through 36: All

Township 31 North, Range 11 West, NMPM Sections 2 through 11: A11 Sections 14 through 21: All

- Sections 28 through 33: All
- Township 32 North, Range 11 West, NMPM Sections 28 through 33: All

Township 27 North, Range 12 West, NMPM Sections 1 through 7: A11 Section 8: N/2 Section 9: N/2 Sections 10 through 15: All

Township 28 North, Range 12 West, NMPM Sections 7 through 36: All

Township 29 North, Range 12 West, NMPM Sections 1 through 36; All

Township 30 North, Range 12 West, NMPM Sections 1 through 36: All

Township 31 North, Range 12 West, NMPM Sections 1 through 36: All

Township 32 North, Range 12 West, NMPM Sections 25 through 27: All Sections 32 through 36: All

Township 27 North, Range 13 West, NMPM Sections 1 and 2: All Section 3: E/2 Section 10: E/2 Sections 11 through 13: All

Township 28 North, Range 13 West, NMPM Sections 10 through 15: All Sections 22 through 27: All Section 34: E/2 Sections 35 and 36: All

Township 29 North, Range 13 West, NMPM Sections 1 through 3: A11 Sections 10 through 15: All Section 20: E/2 Sections 21 through 28: All Section 29: E/2 Section 32: E/2 Sections 33 through 36: All

Township 30 North, Range 13 West, NMPM Sections 1 through 36: All

Township 31 North, Range 13 West, NMPM Section 13: All Sections 22 through 27: All Sections 33 through 36: All

Township 30 North, Range 14 West, NMPM Sections 13 and 14: All Sections 24 and 25: All Sections 35 and 36: All

The total area encompasses 287,243 acres, more or less. The acreage consists of 66.9% Federal, 22.1% Fee, 6.8% State and 4.2% Indian Lands.

The applicant. Amoco Production Company, has designated the area described above as the "Gallegos Area Basin Dakota Pool."

The San Jose, Nacimiento, and Ojo Alamo aquifers are located within the designated area. These aquifers occur from the surface of the ground to an approximate depth of 1200 feet. 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 Dakota formation will not adversely affect said aquifers.

The estimated average <u>in-situ</u> 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 Dakota formation, without stimulation, is not expected to exceed the maximum production rate prescribed by the FERC regulations.

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. No development drilling has occurred in the designated area for more than 5 years.

Evidence was presented by the applicant to the BLM and the New Mexico Oil Conservation Division at an informal conference held by the BLM on August 26, 1992, at Albuquerque, New Mexico. The exhibits and other documentation discussed at that conference are enclosed.

Included with this designation is a letter dated January 5, 1993, from the New Mexico Oil Conservation Division, signed by Michael E. Stogner, Chief Hearing Officer, 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 Order No. and/or 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.

Sincerely yours,

for Assistant District Manager Mineral Resources

Enclosures

cc:

(Michael E. Stogner, NM Oil Conservation Division J. W. Hawkins, Amoco Production Company NM-922 (Joe Chesser) NM-015 (Hector Villalobos)

FEDERAL ENERGY REGULATORY COMMISSION

WASHINGTON, D. C. 20426

OIL CONSERVE ON DIVISION RECEIPED

In Reply Refer 99 MAR & AM 9 27 PR25.2/SS

Mr. Allen Buckingham Bureau of Land Management Division of Mineral Resources 435 Montero Rd., NE Alburguergue, New Mexico 87107

MAR 1 1000

Re:

Tight Formation Determination New Mexico-36 Dakota Formation FERC No. JD93-02898T

Dear Mr. Buckingham:

On January 11, 1993, the Commission received the abovereferenced notice of determination from the United States Department of the Interior's Bureau of Land Management that the Dakota Formation underlying a portion of San Juan County, New Mexico, qualifies as a tight formation under section 107(b) of the Natural Gas Policy Act of 1978. The notice included a letter of concurrence from the State of New Mexico. The area of application is more particularly described on the attached appendix.

The 45-day period for Commission review of this notice of determination expired February 25, 1993, and the determination is final. Therefore, the Dakota Formation underlying the recommended area has been approved for tight formation designation.

Sincerely,

Marilyn L/ Rand, Director Division of Producer Regulation

cc: Amoco Production Co. P.O. Box 800 Denver, CO 80201

> Mr. William J. LeMay Oil Conservation Commission New Mexico Department of Energy, Minerals and Natural Resources P.O. Box 2088 Santa Fe, NM 87504

JD93-02898T New Mexico-36

The area of application contains 287,243 acres, more or less, of Federal (66.9%), State (6.8%), Fee (22.1%) and Indian (4.2%) lands all in San Juan County, New Mexico.

> Township 26 North, Range 11 West Township 27 North, Range 11 West Township 29 North, Range 11 West Township 30 North, Range 11 West Township 29 North, Range 12 West Township 30 North, Range 12 West Township 31 North, Range 12 West Township 30 North, Range 13 West Sections 1-36: A11 Township 28 North, Range 11 West Township 28 North, Range 12 West Section 7-36: A11 Township 31 North, Range 11 West Sections 2-11: A11 Sections 14-21: A11 Sections 28-33: A11 Township 32 North, Range 11 West Sections 28-33: A11 Township 27 North, Range 12 West Sections 1-7: A11 Sections 8-9: N/2 Sections 10-15: AII Township 32 North, Range 12 West Sections 25-27: A11 Sections 32-36: A11 Township 27 North, Range 13 West Sections 1-2: A11 Sections 3 and 10: E/2 Sections 11-13: A11 Township 20 North Da

Township 28 North, Range	e 13 West
Sections 10-15:	A11
Sections 22-27:	A11
Section 34:	E/2
Sections 35 and 36:	A11

JD93-02898T New Mexico-36

Township 29 North, Range 13 West	1
Sections 1-3: All	
Sections 10-15: All	
Section 20: E/2	
Sections 21-28: All	
Sections 29 and 32: E/2	
Sections 33-36: All	
Township 31 North, Range 13 West	
Section 13: All	
Sections 22-27. All	

Sections 22-27: All Sections 33-36: All

Township 30 North, Range 14 West

Sections 13 and 14: All Sections 24 and 25: All

Sections 35 and 36: All

6118

organizations can gain a better understanding of the requirements and objectives of the Commission in ensuring compliance with all environmental certificate conditions and meeting its responsibilities under the National Environmental Policy Act and other laws and regulations. Interested organizations are urged to take advantage of these courses. Course discussion will include the

- following topics:
 Objectives and requirements of FERC construction orders;
- Preconstruction clearance filings and obtaining Notices to Proceed; and
 Environmental Inspection as it relates
- to:
 Right-of-way preparation:
- General erosion control;
- Right-of-way restoration:
- Topsoil segregation;
- Stream and river crossing:
- Watland construction:
- Residential area construction:
- Construction and restoration in arid climates:
- Cultural resources/Paleontology; and
- Right-of-way maintenance.

The training courses will be given in the locations identified below. Details on location and time may be obtained from Mr. George Willant at the number listed below.

Houston, TX-May 4, 5, and 6, 1993 Washington, DC-June 8, 9, and 10, 1993

The course is designed for individuals directly involved in environmental performance such as environmental end right-of-way inspectors, and construction contractor personnel. Training will be conducted by Ebasco Environmental (Ebasco), the Commission's environmental support contractor, under the direction of the staff of OPPR. There will be no registration fee.

Any organization or individual interested in participating in this course should preregister by sending in a written request to George Willant at: Ebasco Environmental, 211 Congress Street, Boston, MA 02110–2410.

The request should include names, addresses and telephone numbers. Session attendance will be limited to 200 and only one set of course materials will be available per preregistered attendee.

Additional information may be obtained from Mr. John Leiss at (202) 208–1106 or Mr. George Willant of Ebasco at (617) 451–1201.

Previous sessions have been very popular so we urge those interested in attending to send in their written request early. Preregistration must be received at least 30 days prior to the date of the session. Linwood A. Watson, Jr., Acting Secretary. [PR Doc. 93-1766 Filed 1-25-93, 8:45 am] BLUNG CODE STIT-01-M

[Docket No. QF93-18-000]

Staten Island Cogeneration Corp.; Amendment to Filing

Tanuary 15, 1993

On January 11, 1993, Staten Island Cogeneration Corporation (Applicant) tendered for filing a supplement to its filing in this docket.

The amendment provides additional information pertaining to the ownership and technical aspects of its cogeneration facility. No determination has been made that the submittal constitutes: complete filing.

Any persen desiring to be heard or objecting to the granting of qualifying status should file a motion to intervene or protest with the Federal Energy Regulatory Commission, 825 North Capitol Street, NE., Washington, DC 20426, in accordance with rules 211 and 214 of the Commission's Rules of Practice and Procedure. All such motions or protests must be filed on or before February 4, 1993, and must be served on the applicant. Protests will be considered by the Commission in determining the appropriate action to be taken but will not serve to make protestants parties to the proceeding. Any person wishing to become a party must file a petition to intervene. Copies of this filing are on file with the Commission and are available for public inspection. Linwood A. Watson, Ir., Acting Secretary. [FR Doc. 93-1787 Filed 1-25-93: 8:45 am]

Magic Water Co., Inc.; Application

Accepted for Filing with the Commission

January 15, 1993.

BR.L.B.G. CODE 6717-01-40

Take notice that the following hydroelectric epplication has been filed with the Federal Energy Regulatory Commission and is available for public inspection.

a. Type of Application: Original License for Minor Project (Tendered Notice).

b. Project No.: 7923–004. c. Date Filed: January 4, 1993. d. Applicant: Magic Water Company.

e. Name of Project: Magic Water Company Hydroelectric Project.

f. Location: Partially on lands administered by the Bureau of Land Management, on Salmon Falls Creek. near the town of Buhl, in Twin Falls County, Idaho. Section 2 in T10S, R13E. g. Filed Pursuant to: Federal Power Act. 18 U.S.C. § 791(a)-825(r). h. Applicant Contact: John J. Straubhar, P.E., P.O. Box 820, Twin Falls, ID 83303, (208) 736-8255. i. FERC Contact: Mr. Michael Strzelecki, (202) 219-2827. j. Description of Project: The project would consist of: (1) The soplicant's existing 12-foot-high, 150-foot-long dam; (2) a 2.584-foot-long, 36-inchdiameter steel penstock; (3) a powerhouse containing one generating unit with an installed capacity of 113 kW: (4) a tailrace; (5) a 50-foot-long underground transmission line interconnecting with an existing Idaho Power Company transmission line; and (6) appurtenant facilities. k. With this notice, we are initiating

consultation with the State Historic Preservation Officer (SHPO), as required by section 106, National Historic Preservation Act, and the regulations of the Advisory Council on Historic Preservation, 36 CFR, at § 800.4. J. Under § 4.32(b)(7) of the

Commission's regulations (18 CFR), if any resource agency, SHPO, Indian Tribe, or person believes that the applicant should conduct an additional scientific study to form an adequate factual basis for a complete analysis of the application on its merits, they must file a request for the study with the Commission no later than 60 days after the application is filed, (March 5, 1993) and must serve a copy of the request on the applicant. m. The Commission's deadline for the

applicant's filing of a final amendment to the application is April 4, 1993. Linwood A. Watson, Jr., Acting Secretary. [FR Doc. 93-1768 Filed 1-25-93; 8:45 am]

[Docket No. JD93-02898T New Maxico-38]

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

January 15, 1993.

Take notice that on January 11, 1993, the United States Department of the Interior's Bureau of Land Management. (BLM) submitted the above-referenced notice of determination pursuant to $\S 271.703(c)(3)$ of the Commission's regulations, that the Dakota Formation in San Juan County, New Mexico. Federal Register / Vol. 58, No. 15 / Tuesday, January 26, 1993 / Notices

qualifies as a tight formation under section 107(b) of the Natural Gas Policy Act of 1978. The area of application is described on the attached appendix.

The notice of determination also contains BLM and the New Mexico Department of Energy, Minerals and Natural Resources' findings that the referenced portion of the Dakota Formation 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 275.204, within 20 days after the date this notice is issued by the Commission. Linwood A. Watson, Jr., Acting Secretary.

Appendix

Township 26 North, Range 11 West Township 27 North, Range 11 West Township 29 North, Range 11 West Township 30 North, Range 11 West Township 29 North, Range 12 West Township 30 North, Range 12 West Township 31 North, Range 12 West Township 30 North, Range 13 West Sections 1-36: All Township 28 North, Range 11 West Township 28 North, Range 12 West Sections 7-86; All Township 31 North, Range 11 West Sections 2-11: All Sections 14-21: All Sections 28-33: All Township 32 North, Range 11 West Sections 28-33: All Township 27 North, Range 12 West Sections 1-7: All Sections 8-9: N/2 Sections 10-15: All Township 32 North, Range 12 West Sections 25-27: All Sections 32-36: All Township 27 North, Range 13 West Sections 1-2: All Sections 3 and 10: E/2 Sections 11-13: All Township 28 North, Range 13 West Sections 10-15: All Sections 22-27: All Section 34: E/2 Sections 35 and 36: All Township 29 North, Range 13 West Sections 1-3: All Sections 10-15: All Section 20: E/2 Sections 21-28: All Sections 29 and 32: R/2 Sections 33-36: All Township 31 North, Range 13 West Section 13: All Sections 22-27: All Sections 33-36: All Township 30 North, Range 14 West

Sections 13 and 14: All Sections 35 and 36: All The area of application contains 287,243 acres, more or less, of Federal (86.9%), State (8.8%), Fee (22.1%) and Indian (4.2%) lands. [FR Doc. 93-1789 Filed 1-25-93; 8:45 am] BILING CODE 577-61-61

[Docket No. JD93-02315T California-3]

State of California; NGPA Notice of Determination By Jurisdictional Agency Designating Tight Formations

January 19, 1993.

Take notice that on December 28, 1992, the California Division of Oil and Gas (California) submitted the abovereferenced notice of determination pursuant to section 271.703(c)(3) of the Commission's regulations, that the N-Point Chert Zone, Paloma Field, Kern County, California, qualifies as a tight formation under section 107(b) of the Natural Gas Policy Act of 1978. The area of application is more fully described on the attached appendix.

The notice of determination also contains California's findings that the referenced portion of the N-Point Chert Zone 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 275.204, within 20 days after the date this notice is issued by the Commission. Linwood A. Watson, Ir.

Acting Secretary.

Appendix

The proposed area is the N-Point Chert Zone between the MM marker and the top of the Paloma or Stevens Sands, Palome Field, Kern County, California underlying the following lands: *Paloma Unit*—indicated by the unit boundary on Exhibit B:

Township 31 South, Range 26 East Section 29: Partly Section 30: Partly Section 30: Partly Section 31: Partly Section 33: All Section 34: Partly Township 32 South, Range 26 East Section 31: Partly Section 2: All Section 3: Partly Section 5: Partly Section 11: Partly Section 12: Partly Anderson Lease Township 31 South, Range 28 East Section 35: S/2 KCL "L" Lease Township 32 South, Range 26 East Section 10: S/2 of NE/4, N/2 of NE/4 of SW/4, SE/4 of NW/4, Section 11: N/2 of NW/4 of SW/4 of NW/4

4, SW/4 of NE/4.

[FR Doc. 93-1867 Filed 1-25-93; 8:45 am]

[Docket No. JD93-02318T Texas 94]

State of Texas; NGPA Notice of Determination by Jurisdictional Agency Designating Tight Formation

January 15, 1993.

Take notice that on December 28. 1992, the Railroad Commission of Texas (Texas) submitted the above-referenced notice of determination pursuant to § 271.703(c)(3) of the Commission's regulations, that the Wilcox Sands (L-14 and L-15) in the Bob West Field underlying a portion of Zapata and Starr Counties, Texas, qualifies as a tight formation under section 107(b) of the Natural Gas Policy Act of 1978. The designated area is within Railroad **Commission District 4 and is described** as the Southwestern portion of Porcion 55, East of Palcon Reservoir in Starr County, Texas; the northwest most portion of shares No. 28-A and No. 46: the western portion of share No. 29-A: the eastern portion of share No. 11 and all of share No. 36, all in Porcion 14, Zapeta County, Texas, These areas are further defined as being within the fault lines as shown on the revised field area man.

The notice of determination also contains Texas' findings that the referenced portion of the Wilcox Sands 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 275.204, within 20 days after the date this notice is issued by the Commission. Linwood A. Watson, Jr., Acting Secretary. [FR Doc. 93-1790 Filed 1-25-93; 8:45 am]