



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,

A handwritten signature in black ink that reads "Kathy Valdes".

Kathy Valdes

Enclosures

State of New Mexico

ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

2040 PACHECO ST. 1220 South St. Francis Drive

Santa Fe, NM 87505

TF-03-002

FOR DIVISION USE ONLY:

APPLICATION FOR WELLHEAD PRICE CEILING CATEGORY DETERMINATION

5A. Indicate Type of Lease	STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	
7. Unit Agreement Name	
8. Farm or Lease Name	Hutton Gas Com
9. Well No.	1E
10. Field and Pool, or Wildcat	Basin Dakota
12. County	San Juan

APPROPRIATE FILING FEE(S) ENCLOSED? YES NO

DATE COMPLETE APPLICATION FILED January 2, 2003

DATE DETERMINATION MADE January 17, 2003

WAS APPLICATION CONTESTED? YES NO

NAME(S) OF INTERVENORS(S), IF ANY: Na

- FILING FEE(S) -
Effective October 1, 1986,
a non-refundable filing fee of
\$25.00 per category for each
application is mandatory. (Rule
2, Order No. R-5878-8-3

2. Name of Operator
BP America Production Company

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

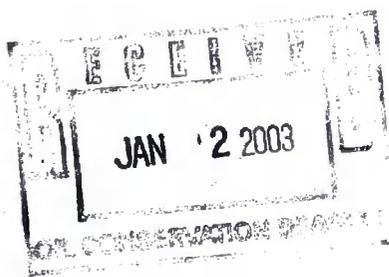
4. Location of Well
UNIT LETTER F LOCATED 1800 FEET FROM THE NORTH LINE
AND 1815 FEET FROM THE WEST LINE OF SEC. 06 TWS. 29N RGE. 12W NMPM

11. Name and Address of Purchaser(s)
EI Paso Field Services

API No. 30-045-24152

Check appropriate box for category sought and information submitted. Enter required information on lines 1 and 2, below.

- Category(ies) sought (By NGPA Section No.)
- Filing Fee(s) Amount Enclosed: \$ 25.00
- All applications must contain:
 - C-101 APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK
 - C-105 WELL COMPLETION OR RECOMPLETION REPORT
 - DIRECTIONAL DRILLING SURVEY, IF REQUIRED UNDER RULE 111
 - AFFIDAVITS OF MAILING OR DELIVERY
- 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:



- 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)
- NEW NATURAL GAS UNDER SEC. 102 (c) (1) (C) (new onshore reservoir)
 - All items required by Rule 15
- NEW ONSHORE PRODUCTION WELL UNDER SEC. 103
 - All items required by Rule 16a OR Rule 16B
- 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)
- 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.

Mary Corley
NAME OF APPLICANT (TYPE OR PRINT)

Mary Corley
SIGNATURE OF APPLICANT

Title Senior Regulatory Analyst

Date December 17, 2002

FOR DIVISION USE ONLY

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

[Signature]
EXAMINER

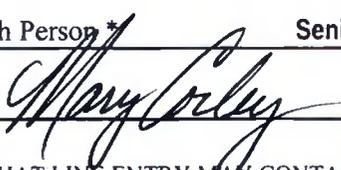
A. THE NPGA WELL CATEGORY DETERMINATION IS BEING SOUGHT FOR A WELL PRODUCING:

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

B. FOR ALL APPLICATIONS FOR DETERMINATION PROVIDE THE FOLLOWING:

1. Well Name and No.* **Hutton Gas Com 1E**
2. Completed in (Name of Reservoir) * **Dakota**
3. Field * **Basin Dakota**
4. County * **San Juan**
5. State * **New Mexico**
6. API Well No. (14 digits maximum. If not assigned, leave blank.) **30-045-24152**
9. Measured Depth of the Completed Interval (in feet)
TOP **5906'** BASE **6088'**

C. APPLICANT'S MAILING ADDRESS AND THE IDENTITY OF THE PERSON WHO IS RESPONSIBLE 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  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

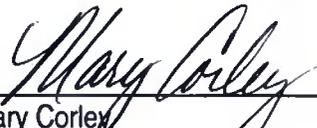
BEFORE ME, the undersigned authority, duly commissioned and qualified within and for the State and County aforesaid, personally came and appeared Mary Corley, who being by me first duly sworn, deposed and said:

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 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:

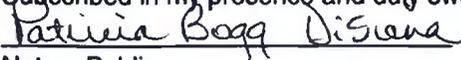
- a well the surface drilling of which began after December 31, 1979, but before January 1, 1993;
- a recompletion commenced after January 1, 1993, the surface drilling of which began after December 31, 1979, but before January 1, 1993; or
- a recompletion commenced after December 31, 1979 but before 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 Corley
Senior Regulatory Analyst

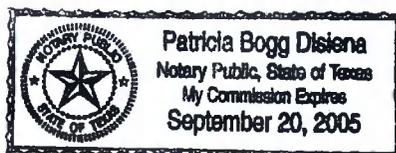
Subscribed in my presence and duly sworn to before me, this 17 day of December, 2002.



Notary Public

My Commission Expires:

BLM Affidavit





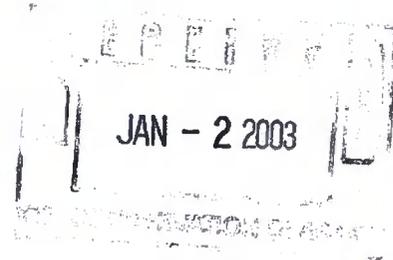
San Juan Performance Unit

Mary Corley
WL1-19.171
281-366-4491 (direct)
281-366-0700 (FAX)
corleym1@bp.com

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

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 - ~~Mesa Verde~~ *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.

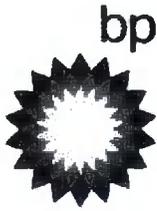
Please indicate receipt of this filing by date stamping the attached copy of this letter and returning the copy for our records.

Very truly yours,

Mary Corley
Mary Corley
Sr. Regulatory Analyst

Enclosures

Cc: Working Interest Owners



OIL 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)
corleym1@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

API No. 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.

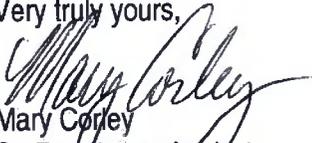
Hutton Gas Com Well # 1E

Basin Dakota
~~Mesavende~~ 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 truly yours,


Mary Corley
Sr. Regulatory Analyst

Enclosures



BP America Production Company
509 South Boston
Tulsa, OK 74103

62-20
311

CHECK NO. 0800526173

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


Authorized Signature

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

⑈0800526173⑈ ⑆031100209⑆

39116481⑈

NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease
State Fee

5. State Oil & Gas Lease No.

1. TYPE OF WELL
OIL WELL GAS WELL DRY OTHER _____

2. TYPE OF COMPLETION
NEW WELL WORK OVER DEEPEN PLUG BACK DIFF. RESVR. OTHER _____

7. Unit Agreement Name

8. Farm or Lease Name
Hutton Gas Com

3. Name of Operator
Amoco Production Company

4. Address of Operator
501 Airport Drive, Farmington, NM 87401

6. Location of Well

9. Well No.
1E

10. Field and Pool, or Wildcat
Basin Dakota

11. LETTER F LOCATED 1800 FEET FROM THE North LINE AND 1815 FEET FROM West LINE OF SEC. 6 TWP. 29N RGE. 12W NMPM

12. County
San Juan

14. Date Spudded 4-14-80 16. Date T.D. Reached 4-26-80 17. Date Compl. (Ready to Prod.) 6-6-80 13. Elevations (DF, RKB, RT, GR, etc.) 5388' GL 19. Elev. Casinghead

15. Total Depth 6200' 21. Plug Back T.D. 6110' 22. If Multiple Compl., How Many _____ 23. Intervals Drilled By: Rotary Tools 0-TD Cable Tools _____

18. Producing Interval(s), of this completion - Top, Bottom, Name
6066-6088', 6000-6024', 5980-6000', 5932-5971', 5906-5922'; Dakota

25. Was Directional Survey Made
No

24. Type Electric and Other Logs Run
Production Elec.-GR-SP, BSC-6200'; GR-Sur.-2000', Compensated Neutron-Compen-

27. Was Well Cored
No

CASING RECORD (Report all strings set in well) sated Form. Density-GR, BSC-6200'

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24.0#	299'	12-1/4"	315 SX	-----
4-1/2"	11.6#	6200'	7-7/8"	1269 SX	-----

LINER RECORD				30. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8"	6092'	None

28. Perforation Record (Interval, size and number)
6066-6088', 6000-6024', 5980-6000', 5932-5971', 5906-5922', with 2 SPF, a total of 182 .38" holes.

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
<u>5906-6088'</u>	<u>205,000 gal of frac fluid x 384,000# of 20-40 sand</u>

29. PRODUCTION

31. First Production _____ Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing Well Status (Prod. or Shut-in) SI

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas-Oil Ratio
<u>8-26-80</u>	<u>3 hours</u>	<u>.75</u>	<u>→</u>		<u>347</u>		
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
<u>224 PSIG</u>	<u>810 PSIG</u>	<u>→</u>		<u>2775</u>			

33. Disposition of Gas (Sold, used for fuel, vented, etc.)
To be sold

34. Test Witnessed by _____

35. List of Attachments

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.

SIGNED _____ TITLE Dist. Adm. Supvr. DATE 9-12-80

NO. OF COPIES DESIRED	
DISTRICT OFFICE	
SANTA FE	
ALBUQUERQUE	
U.S. O.S.	
CARD OFFICE	
OPERATOR	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			7. Unit Agreement Name
b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER INFILL <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			8. Name of Lessee Name Hutton Gas Com
2. Name of Operator AMOCO PRODUCTION COMPANY			9. Well No. 1E
3. Address of Operator 501 Airport Drive, Farmington, New Mexico 87401			10. Field and Pool, or Wildcat Basin Dakota
4. Location of Well UNIT LETTER F LOCATED 1800 FEET FROM THE North LINE 1815 FEET FROM THE West LINE OF SEC. 6 TWP. 29N RSE. 12W			12. County San Juan
13. Proposed Depth 6230'		19A. Formation Dakota	20. History or C.T. Rotary
14. Deviations (Show whether D.P., K.I., etc.) 5388' GL	21A. Kind of Status Plug. used Statewide	21B. Drilling Contractor Unknown	22. Approx. Date Work will start March 1, 1980

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12-1/4"	8-5/8"	24#	300'	315	Surface
7-7/8"	4-1/2"	11.6#	6230'	1200	Surface

Amoco proposes to drill the above well to further develop the Basin Dakota reservoir. The well will be drilled to the surface casing point using native mud. The well will then be drilled to TD with a low solids nondispersed mud system. Completion design will be based on open hole logs. Copy of all logs will be filed upon completion. Amoco's standard blowout prevention will be employed; see attached drawing for blowout preventer design.

Upon completion the well location will be cleaned and the reserve pit filled and leveled.

Gas produced from this well is dedicated to El Paso Natural Gas Co.

PM 36

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed Original Signed By B. F. Fawcett Title District Engineer Date January 4, 1980

(This space for State Use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

L CONSERVATION DIVISIO.

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-107
Revised 10-1-78

All distances must be from the outer boundaries of the Section.

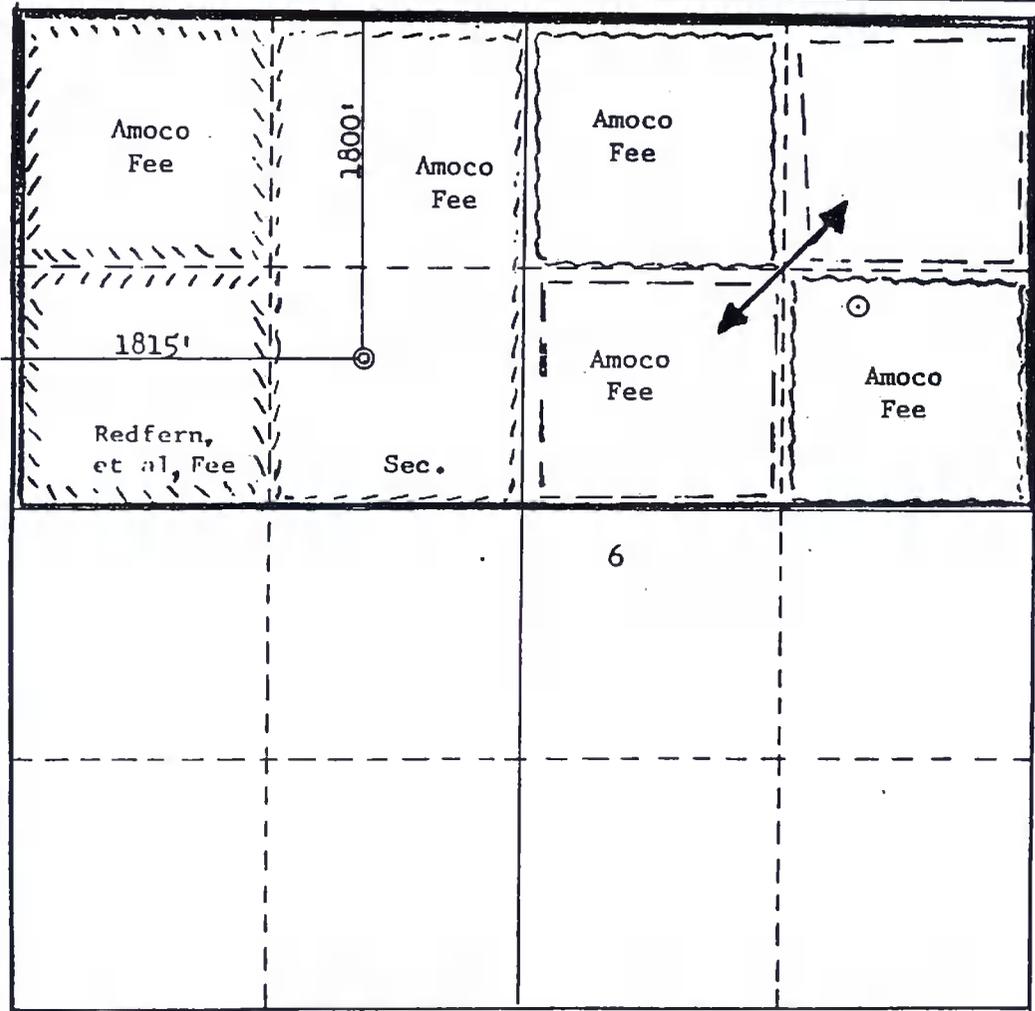
Operator AMOCO PRODUCTION COMPANY			Lease HUTTON GAS COM		Well No. 1-E
Unit Letter F	Section 6	Township 29N	Range 12W	County San Juan	
Actual Footage Location of Well: 1800 feet from the North line and 1815 feet from the West line					
Ground Level Elev. 5388	Producing Formation Dakota		Pool Basin Dakota		Dedicated Acreage: 317.94 Acres

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, forced-pooling, etc?

Yes No If answer is "yes," type of consolidation Communitization

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 Commission.



CERTIFICATION

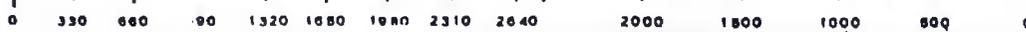
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

B. E. Fackrell

Name
B. E. FACKRELL
Position
DISTRICT ENGINEER
Company
AMOCO PRODUCTION COMPANY
Date
DECEMBER 7, 1979

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
November 27, 1979
Registered Professional Engineer and/or Land Surveyor
Fred B. Kerr, Jr.
Certification No. **3950**
FRED B. KERR, JR.



Submit 3 Copies to Appropriate District Office

OIL CONSERVATION DIVISION
RECEIVED

State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

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

OIL CONSERVATION DIVISION
P.O. Box 2088

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

Santa Fe, New Mexico 87504-2088

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

WELL API NO.	3004524152
5. Indicate Type of Lease	STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name	Hutton Gas Com
8. Well No.	1E
9. Pool name or Wildcat	Basin Dakota
10. Elevation (Show whether DF, RKB, RT, GR, etc.)	5388' GR

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER	2. Name of Operator Amoco Production Company	Attention: Patty Haefele	8. Well No. 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 Letter <u>F</u> : <u>1800</u> Feet From The <u>North</u> Line and <u>1815</u> Feet From The <u>West</u> Line Section <u>6</u> Township <u>29N</u> Range <u>12W</u> NMPM San Juan County			
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 5388' GR			

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK PLUG AND ABANDON

TEMPORARILY ABANDON CHANGE PLANS

PULL OR ALTER CASING

OTHER:

SUBSEQUENT REPORT OF:

REMEDIAL WORK ALTERING CASING

COMMENCE DRILLING OPNS. PLUG AND ABANDONMENT

CASING TEST AND CEMENT JOB

OTHER: Repair leak, reperf

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 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.

RECEIVED
MAR 4 1996

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Patty Haefele TITLE Staff Assistant OIL CON. DIV. DIST. 3 DATE 03-01-1996

TYPE OR PRINT NAME Patty Haefele TELEPHONE NO. (303) 830-4988

(This space for State Use)

APPROVED BY Ernie 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 Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

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

OIL CONSERVATION DIVISION

P.O. Box 2088

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

Santa Fe, New Mexico 87504-2088

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

OIL CONSERVATION DIVISION
RECEIVED
JAN 8 52

WELL API NO.	3004524152
5. Indicate Type of Lease	STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name	Hutton Gas Com
8. Well No.	1E
9. Pool name or Wildcat	Basin Dakota
10. Elevation (Show whether DF, RKB, RT, GR, etc.)	5388' GR

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:
 OIL WELL GAS WELL OTHER

2. Name of Operator: Amoco Production Company
 Attention: Patty Haefele

3. Address of Operator: P.O. Box 800 Denver Colorado 80201 (303) 830-4988

4. Well Location
 Unit Letter F : 1800 Feet From The North Line and 1815 Feet From The FWL Line
 Section 6 Township 29N Range 12W NMPM San Juan County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)
 5388' GR

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
PLUG AND ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
CHANGE PLANS <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>
OTHER: <u>Repair leak, reperf</u> <input checked="" type="checkbox"/>	OTHER: <input type="checkbox"/>

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.

RECEIVED
JAN 10 1996
OIL CON. DIV.
DIST. 3

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Patty Haefele TITLE Staff Assistant DATE 01-09-1996
 TYPE OR PRINT NAME Patty Haefele TELEPHONE NO. (303) 830-4988

(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT # 3 DATE JAN 10 1996
 CONDITIONS OF APPROVAL, IF ANY:

SJOET Well Work Procedure

Hutton Gas Com #1E

Version: Final
Date: 1/2/96
Budget: DRA/Well Repair
Repair Type: Casing Failure

Objectives: Repair Casing Leak and Re-perf Dakota Horizon.

1. Contact Agency
 2. Repair Leak
 3. Perforate Dakota
 4. Return to Production
-

Pertinent Information:

Location:	6F - 29N - 12W	Form:	Dakota
County:	San Juan	API #:	300-45-2415200
State:	New Mexico	Engr:	Yamasaki
Lease:	Fee	Phone:	H--(303)202-0361
Well Flac:	842074		W-(303)830-5841
			P--(303)533-6437

Economic Information:

APC WI:	90.15%	DK Prod. Before Repair:	0 MCFD
Estimated Cost:	\$ 35,000	DK Anticipated Prod.:	100 MCFD
Payout:	11 Months*		
Max Cost -12 Mo. P.O.	\$ M*		
PV15:	\$ M		
Max Cost PV15:	\$ M		

Note:

Formation Tops: (Estimated formation tops)

Nacimiento:		Menefee:	3400
Ojo Alamo: 1050		Point Lookout:	3705
Kirtland Shale: 1160		Mancos Shale:	4010
Fruitland:		Gallup:	5050
Pictured Cliffs: 1450		Graneros:	
Lewis Shale:		Dakota:	6020
Cliff House: 2985		Morrison:	

Bradenhead Test Information:

Test Date: 5/8/95 Tubing: 622 Casing: 622 BH: 4

Time	BH	CSG	INT	CSG
5 min	0	626		
10 min	0	630		
15 min	0	630		

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)
9. 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.

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
 See Instructions
 DIVISION of Page

OIL CONSERVATION DIVISION

OIL CONSERVATION DIVISION
 RECEIVED

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

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

'90 AUG 22 AM 10 46

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

REQUEST FOR ALLOWABLE AND AUTHORIZATION
 TO TRANSPORT OIL AND NATURAL GAS

I.

Operator AMOCO PRODUCTION COMPANY	Well API No. 300452415200
Address P.O. BOX 800, DENVER, COLORADO 80201	
Reason(s) for Filing (Check proper box) <input type="checkbox"/> Other (Please explain)	
New Well <input type="checkbox"/>	Change in Transporter of:
Recompletion <input type="checkbox"/>	Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/>
Change in Operator <input type="checkbox"/>	Casinghead Gas <input type="checkbox"/> Condensate <input checked="" type="checkbox"/>

If change of operator give name and address of previous operator _____

II. DESCRIPTION OF WELL AND LEASE

Lease Name HUTTON GAS COM	Well No. 1E	Pool Name, including Formation BASIN DAKOTA (PRORATED GAS)	Kind of Lease State, Federal or Fee	Lease No.
Location				
Unit Letter F	1800	Feet From The FNL	Line and 1815	Feet From The FWL
Section 06	Township 29N	Range 12W	County SAN JUAN	

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
MERIDIAN OIL INC.	3535 EAST 30TH STREET, FARMINGTON, CO 87401
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
EL PASO NATURAL GAS COMPANY	P.O. BOX 1492, EL PASO, TX 79978
If well produces oil or liquids, give location of tanks.	Is gas actually connected? When?

If this production is commingled with that from any other lease or pool, give commingling order number: _____

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	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.			
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation	Top Oil/Gas Pay			Tubing Depth			
Perforations				Depth Casing Shoe				
TUBING, CASING AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET			SACKS CEMENT		

V. TEST DATA AND REQUEST FOR ALLOWABLE

OIL WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours.)

Date First New Oil Run To Tank	Date of Test	Producing Method (Flow, pump, gas lift, etc.)
Length of Test	Tubing Pressure	Casing Pressure
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.

RECEIVED
 JUL 5 1990
 Gas-MCF

GAS WELL

Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pitot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

OIL CON. DIV
 RECEIVED

VI. OPERATOR CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

D. W. Whaley
 Signature
 Doug W. Whaley, Staff Admin. Supervisor
 Printed Name
 June 25, 1990
 Date
 303-830-4280
 Telephone No.

OIL CONSERVATION DIVISION

Date Approved JUL 5 1990
 By *Eric J. Chung*
 Title SUPERVISOR DISTRICT #3

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

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
TRANSPORTER	OIL
	GAS
OPERATOR	
PROMOTION OFFICE	

RECEIVED
SEP 18 1987
OIL CONSERVATION DIVISION

Form C-104
Revised 10-01-78
Format 08-01-83
Page 1

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I. Operator
Amoco Production Company

Address
501 Airport Drive Farmington, NM - 87401

Reason(s) for filing (Check proper box)

<input type="checkbox"/> New Well	Change in Transporter of:	<input type="checkbox"/> Oil	<input type="checkbox"/> Dry Gas
<input type="checkbox"/> Recompletion	<input type="checkbox"/> Casinghead Gas	<input checked="" type="checkbox"/> Condensate	
<input type="checkbox"/> Change in Ownership			

Other (Please explain)

If change of ownership give name and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Lease Name Hutton Gas Com	Well No. 1E	Pool Name, including Formation Basin Dakota	Kind of Lease State, Federal or Fee Fee	Lease No.
Location				
Unit Letter <u>F</u> : <u>1800</u> Feet From The <u>North</u> Line and <u>1815</u> Feet From The <u>West</u>				
Line of Section <u>6</u> Township <u>29N</u> Range <u>12W</u> , NMPM, <u>San Juan</u> County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
Permian Corp. Permian (Eff. 9 / 1 / 87)	P. O. Box 1702 Farmington, NM 87499
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/>	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, give location of tanks.	Unit Sec. Twp. Rge. Is gas actually connected? When
	F 6 29N 12W

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

I hereby certify 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 my knowledge and belief.

BDS Shaw
(Signature)

Admin. Supervisor
(Title)

1-2-85

RECEIVED
JAN 03 1985
OIL CONSERVATION DIVISION

OIL CONSERVATION DIVISION

JAN 22 1985

APPROVED _____
BY Charles Johnson
TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #3

This form is to be filed in compliance with RULE 1104.
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 in accordance with RULE 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 completed wells.

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

NO. COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.A.	
LAND OFFICE	
TRANSPORTER	OIL
	GAS
OPERATOR	
PROMOTION OFFICE	

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-104
Revised 10-01-78
Format 06-01-83
Page 1

REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I. Operator Amoco Production Company

Address 501 Airport Drive Farmington, NM 87401

Reason(s) for filing (Check proper box)

<input type="checkbox"/> New Well	Change in Transporter of:	<input type="checkbox"/> Oil	<input type="checkbox"/> Dry Gas
<input type="checkbox"/> Recompletion	<input type="checkbox"/> casinghead Gas	<input checked="" type="checkbox"/> Condensate	
<input type="checkbox"/> Change in Ownership			

Other (Please explain) _____

If change of ownership give name and address of previous owner _____

II. DESCRIPTION OF WELL AND LEASE

Lease Name <u>Hutton Gas Com</u>	Well No. <u>1E</u>	Pool Name, including Formation <u>Basin Dakota</u>	Kind of Lease State, Federal or Fee <u>Fee</u>	Lease No.
Location				
Unit Letter <u>F</u> : <u>1800</u> Feet From The <u>North</u> Line and <u>1815</u> Feet From The <u>West</u>				
Line of Section <u>6</u> Township <u>29N</u> Range <u>12W</u> , NMPM, <u>San Juan</u> County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
<u>Permian Corp.</u>	<u>P. O. Box 1702 Farmington, NM 87499</u>
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
<u>El Paso Natural Gas Company</u>	<u>P. O. Box 990 Farmington, NM 87401</u>
If well produces oil or liquids, give location of tanks.	Is gas actually connected? When
<u>F</u> <u>6</u> <u>29N</u> <u>12W</u>	

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

I hereby certify 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 my knowledge and belief.

BD Shaw
(Signature)

Admin. Supervisor

1-2-85

RECEIVED
JAN 03 1985
OIL CON. DIV.
DIST. 2

OIL CONSERVATION DIVISION

APPROVED

BY

TITLE

Charles Johnson
DEPUTY OIL & GAS INSPECTOR, DIST. #3

JAN 22 1985

This form is to be filed in compliance with RULE 1104.
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 in accordance with RULE 1111.
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 completed wells.

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

NOTICE OF GAS CONNECTION

DATE February 10, 1981

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

GAS FROM Amoco Production Company Hutton Gas Com. #1-R
Operator Well Name

93-482-01 73941-51 F 6-29-12
Meter Code Site Code Well Unit S-T-R

Basin Dakota El Paso Natural Gas Company
Pool Name of Purchaser

WAS MADE ON February 2, 1981 FIRST DELIVERY February 3, 1981
Date Date

AOF 3,715

CHOKE 2,775

El Paso Natural Gas Company
Purchaser

Original Signed by
Charles A. Thomas

Representative

Assistant Chief Dispatcher
Title

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

File

RECEIVED
FEB 17 1981
OIL CONSERVATION DIVISION
SANTA FE

RECEIVED
FEB 11 1981
OIL CON. COM.
DIST. 3

105 → E/05

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
TRANSPORTER	OIL
	GAS
OPERATOR	
PRORATION OFFICE	

NEW MEXICO OIL CONSERVATION COMMISSION
REQUEST FOR ALLOWABLE
AND

Form C-104
Supersedes Old C-104 and C-110
Effective 1-1-65

AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

DEC 22 1980

Operator
Amoco Production Company

Address
501 Airport Drive, Farmington, NM 87401

Reason(s) for filing (Check proper box) Other (Please explain)

New Well Change In Transporter of:
 Recompletion Oil Dry Gas
 Change In Ownership Casinghead Gas Condensate *Add 7000*

If change of ownership give name and address of previous owner

DESCRIPTION OF WELL AND LEASE

Lease Name Hutton Gas Com	Well No. 1E	Pool Name, including Formation Basin Dakota	Kind of Lease State, Federal or Fee Fee	Lease No.
Location Unit Letter F ; 1800 Feet From The North Line and 1815 Feet From The West Line of Section 6 Township 29N Range 12W , NMPM, San Juan County				

DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input checked="" type="checkbox"/> Plateau Incorporated	Address (Give address to which approved copy of this form is to be sent) 4775 Indian School Rd, NE, Albuquerque, NM 87110
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/> El Paso Natural Gas Company	Address (Give address to which approved copy of this form is to be sent) P.O. Box 990, Farmington, NM 87401
If well produces oil or liquids, give location of tanks.	Unit Sec. Twp. Rge. Is gas actually connected? When F 6 29N 12W No

If this production is commingled with that from any other lease or pool, give commingling order number:

COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
		X	X					
Date Spudded 4-14-80	Date Compl. Ready to Prod. 6-6-80	Total Depth 6200'	P.B.T.D. 6110'					
Elevations (DF, RKB, RT, GR, etc.) 5388' GL	Name of Producing Formation Dakota	Top Oil/Gas Pay 5906'	Tubing Depth 6092'					
Perforations 6066-6088', 6000-6024', 5980-6000', 5932-5971', 5906-5922'							Depth Casing Shoe 6200'	
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET			SACKS CEMENT		
12-1/4"	8-5/8", 24.0#		299'			315		
7-7/8"	4-1/2", 11.6#		6200'			1269		
	2-3/8"		6092'					

TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL

(Test must be after recovery of total volume of load oil and must be sufficient or exceed top allowable for this depth or be for full 24 hours)

Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	RECEIVED SEP 16 1980 OIL CON. COM. DIST. 3
Length of Test	Tubing Pressure	Casing Pressure	
Actual Prod. During Test	Oil-Bbls.	Water-Bbls.	

GAS WELL

Actual Prod. Test-MCF/D 2775	Length of Test 3 hours	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pitot, back pr.) Back Pressure	Tubing Pressure (Shut-in) 1348 PSIG	Casing Pressure (Shut-in) 1436 PSIG	Choke Size 75

CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

E. S. Soboda
(Signature)
District Administrative, Supervisor
(Title)
9-11-80
(Date)

OIL CONSERVATION COMMISSION

APPROVED **12-17 DEC 17 1980**

BY *Frank J. Chang*
SUPERVISOR DISTRICT #3

This form is to be filed in compliance with RULE 1104.
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 in accordance with RULE 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 tested wells.

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
J.S.G.S.	
LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease
State Fee

5. State Oil & Gas Lease No.

6. TYPE OF WELL
OIL WELL GAS WELL DRY OTHER _____

7. TYPE OF COMPLETION
NEW WELL WORK OVER DEEPEN PLUG BACK DIFF. RESVR. OTHER _____

7. Unit Agreement Name

Name of Operator
Amoco Production Company

Address of Operator
501 Airport Drive, Farmington, NM 87401

Location of Well

8. Farm or Lease Name
Hutton Gas Com

9. Well No.
1E

10. Field and Pool, or Wildcat
Basin Dakota

IT LETTER F LOCATED 1800 FEET FROM THE North LINE AND 1815 FEET FROM



LINE OF SEC. 6 TWP. 29N RGE. 12W NMPM

12. County
San Juan

14. Date Spudded 4-14-80 16. Date T.D. Reached 4-26-80 17. Date Compl. (Ready to Prod.) 6-6-80 18. Elevations (DF, RKB, RT, GR, etc.) 5388' GL 19. Elev. Casinghead

20. Total Depth 6200' 21. Plug Back T.D. 6110' 22. If Multiple Compl., How Many _____ 23. Intervals Drilled By _____ Rotary Tools O-TD Cable Tools _____

24. Producing Interval(s), of this completion - Top, Bottom, Name
6066-6088', 6000-6024', 5980-6000', 5932-5971', 5906-5922'; Dakota

25. Was Directional Survey Made
No

26. Type Electric and Other Logs Run
Production Elec.-GR-SP, BSC-6200'; GR-Sur.-2000', Compensated Neutron-Compen-

27. Was Well Cored
No

28. CASING RECORD (Report all strings set in well) sated Form. Density-GR, BSC-6200'

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24.0#	299'	12-1/4"	315 sx	-----
4-1/2"	11.6#	6200'	7-7/8"	1269 sx	-----

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-3/8"	6092'	None

31. Perforation Record (Interval, size and number)
6066-6088', 6000-6024', 5980-6000', 5932-5971', 5906-5922', with 2 SPF, a total of 182.38" holes.

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5906-6088'	205,000 gal of frac fluid x 384,000# of 20-40 sand

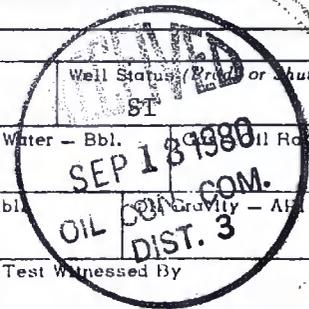
33. PRODUCTION

34. Date First Production _____ Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing Well Status (Prod or Shut-in) ST

35. Date of Test 8-26-80 Hours Tested 3 hours Choke Size .75 Prod'n. For Test Period _____ Oil - Bbl. _____ Gas - MCF 347 Water - Bbl. _____

36. Flow Tubing Press. 224 PSIG Casing Pressure 810 PSIG Calculated 24-Hour Rate _____ Oil - Bbl. _____ Gas - MCF 2775 Water - Bbl. _____

37. Disposition of Gas (Sold, used for fuel, vented, etc.) To be sold Test Witnessed By _____



38. List of Attachments

39. 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.

SIGNED E. E. Svoboda TITLE Dist. Adm. Supvr. DATE 9-12-80

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

Form C-132
Revised 9-1-65

Type Test <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Annual <input type="checkbox"/> Special				Test Date 08 26 80			
Company AMOCO PRODUCTION CO.				Connection EL PASO NATURAL GAS CO.			
Pool BASIN				Formation DAKOTA		Unit	
Completion Date 06 06 80		Total Depth 6200		Plug Back TD 6110		Elevation 5388 GL	
Farm or Lease Name HUTTON GAS COM				Well No. 1E			
Csg. Size 4.500	Wt. 10.5	d 4.052	Set At 6200	Perforations: From 5906 To 6088		Unit Sec. Twp. Rge. F 6 29N 12W	
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 6092	Perforations: From open To ended			
Type Well - Single - Bradenhead - G.G. or G.O. Multiple SINGLE				Packer Set At NONE		County SAN JUAN	
Producing Thru TUBING		Reservoir Temp. °F @		Mean Annual Temp. °F		Baro. Press. - P _a	
State NEW MEXICO							
L	H	Gg	% CO ₂	% N ₂	% H ₂ S	Prover	Meter Run Taps

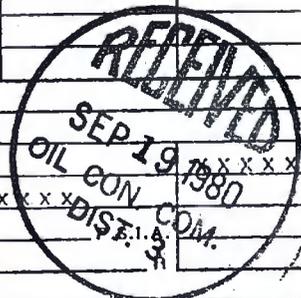
FLOW DATA						TUBING DATA		CASING DATA		Duration of Flow	
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	Flow
SI	9 days						1348		1436		3 hrs
1.	2.375	.750					224		810		
2.											
3.											
4.											
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor Ft.	Gravity Factor Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	12.365		236	1.000	.9258	1.027	2775
2.							
3.							
4.							
5.							

NO.	P _r	T _r	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1.	CL 20	SEP 29 1980		A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
2.				Specific Gravity Separator Gas _____ X X X X X X X X
3.				Specific Gravity Flowing Fluid _____ X X X X X X X X
4.				Critical Pressure _____ P.S.I.A.
5.				Critical Temperature _____ R

P _c 1448	P _c ² 2096704	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.4755$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.3388$
NO	P _w	P _w ²	P _c ² - P _w ²
1	822	675684	1421020
2			
3			
4			
5			

Absolute Open Flow	3715	Mcf/d @ 15.025	Angle of Slope @	Slope, n .75
Remarks:				
Approved By Commission	Conducted By: JJB	Calculated By: J J BARNETT	Checked By: W I. PETERSON	



NO. OF COPIES RECEIVED		
DISTRIBUTION		
SANTA FE		
FILE		
J.S.G.S.		
LAND OFFICE		
OPERATOR		

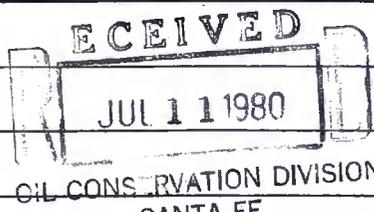
NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease
State Fee
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 WELL GAS WELL OTHER-
Name of Operator
Amoco Production Company
Address of Operator
501 Airport Drive Farmington, NM 87401
Location of Well
UNIT LETTER **F** **1800** FEET FROM THE **North** LINE AND **1815** FEET FROM
THE **West** LINE, SECTION **6** TOWNSHIP **29N** RANGE **12W** NMPM.



7. Unit Agreement Name
8. Farm or Lease Name
Hutton Gas Com
9. Well No.
1E
10. Field and Pool, or Wildcat
Basin Dakota
12. County
San Juan

15. Elevation (Show whether DF, RT, GR, etc.)
5388' GL

6. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOBS <input type="checkbox"/>	OTHER <input type="checkbox"/>
			completion <input type="checkbox"/>

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 1103.

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', 5971-5932', and 5906-5922', with 2 SPF, a total of 182, .38" holes. Saad-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.



8. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED *E. Svoboda* TITLE Dist. Adm. Supvr. DATE 7-1-80

APPROVED BY *Chas. Gibson* TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE JUL 1 1980

CONDITIONS OF APPROVAL, IF ANY: JUL 7 1980

NO. OF COPIES RECEIVED	3
DISTRIBUTION	
ANTA FE	1
FILE	1
J.S.G.S.	
LAND OFFICE	
OPERATOR	1

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease
State Fee

5. State Oil & Gas Lease No.

7. Unit Agreement Name

8. Farm or Lease Name
Hutton Gas Com

9. Well No.
1E

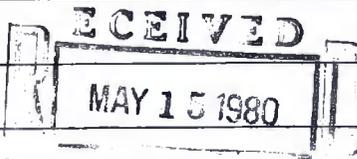
10. Field and Pool, or Wildcat
Basin Dakota

12. County
San Juan

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 WELL GAS WELL OTHER-



Name of Operator
Amoco Production Company

Address of Operator
501 Airport Drive Farmington, NM 87401

Location of Well
UNIT LETTER F 1800 FEET FROM THE North LINE AND 1815 FEET FROM
THE West LINE, SECTION 6 TOWNSHIP 29N RANGE 12W NMPM.

15. Elevation (Show whether DF, RT, GR, etc.)
5388' GL

6. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

- PERFORM REMEDIAL WORK
- TEMPORARILY ABANDON
- PULL OR ALTER CASING
- OTHER
- PLUG AND ABANDON
- CHANGE PLANS

SUBSEQUENT REPORT OF:

- REMEDIAL WORK
- COMMENCE DRILLING OPNS.
- CASING TEST AND CEMENT JOBS
- OTHER Spud & Set Casing
- ALTERING CASING
- PLUG AND ABANDONMENT

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 1103.

added a 12-1/4" hole on 4-14-80 and drilled to 301'. Set 8-5/8", 24.0# surface casing at 299' on 18-80 and cemented with 315 sx of class "B" Neat cement containing 2% CaCl₂. Good cement was circulated 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 and 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 additives. This was tailed in with 100 sx of class "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 was tailed in with 100 sx of class "B" Neat cement. No cement was circulated to the surface on either the first or second stage.

the DV tool was set at 4310'.

the rig was released on 4-28-80.



18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED [Signature] TITLE Dist. Adm. Supvr. DATE 5-6-80

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT # 3 DATE MAY 8 1980

CONDITIONS OF APPROVAL, IF ANY:

NO. OF COPIES RECEIVED	3
DISTRIBUTION	
SANTA FE	1
FILE	1
J.S.G.S.	
LAND OFFICE	
OPERATOR	1

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease
State Fee
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 WELL GAS WELL OTHER- INFILL

6. Name of Operator: AMOCO PRODUCTION COMPANY
Address of Operator: 501 Airport Drive, Farmington, New Mexico 87401
Location of Well: UNIT LETTER F, 1800 FEET FROM THE North LINE AND 1815 FEET FROM THE West LINE, SECTION 6 TOWNSHIP 29N RANGE 12W NMPM.

7. Unit Agreement Name
8. Farm or Lease Name: Hutton Gas Com
9. Well No.: IE
10. Field and Pool, or Wildcat Basin Dakota
15. Elevation (Show whether DF, RT, GR, etc.): 5388' GL
12. County: San Juan

6. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input checked="" type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOBS <input type="checkbox"/>	OTHER <input type="checkbox"/>

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 1103.

This is to request an extension of approval for drilling, as the approval expires April 8, 1980. Our plans call for drilling this well in the near future.



APPROVAL VALID FOR 90 DAYS UNLESS DRILLING COMMENCED, EXPIRES ~~7-7~~ 7-7-80

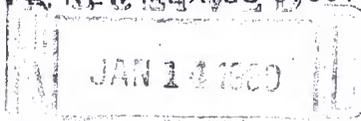


18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED: B.E. Jackwell TITLE: District Engineer DATE: April 3, 1980
APPROVED BY: Frank S. Clary TITLE: SUPERVISOR DISTRICT # 2 DATE: APR 4 1980
CONDITIONS OF APPROVAL, IF ANY:

NO. OF COPIES RECEIVED	5
DISTRIBUTION	
SANTA FE	1
FILE	
U.S.O.S.	2
LAND OFFICE	
OPERATOR	1

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501



5A. Indicate Type of Lease
STATE FEE

5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. Type of Work

DRILL DEEPEN PLUG BACK

2. Type of Well
OIL WELL GAS WELL OTHER INFILL
SINGLE ZONE MULTIPLE ZONE

3. Name of Operator
AMOCO PRODUCTION COMPANY

4. Address of Operator
501 Airport Drive, Farmington, New Mexico 87401

5. Location of Well
UNIT LETTER F LOCATED 1800 FEET FROM THE North LINE
1815 FEET FROM THE West LINE OF SEC. 6 TWP. 29N RGE. 12W RANGE

7. Unit Agreement Name

8. Firm or Lease Name
Hutton Gas Com

9. Well No.
1E

10. Field and Pool, or Wildcat
Basin Dakota

11. County
San Juan



13. Proposed Depth 6230' 19A. Formation Dakota 20. Rotary or C.T. Rotary

14. Elevations (Show whether DJ, KI, etc.) 5388' GL 21A. Kind & Status Plug. Bond Statewide 21B. Drilling Contractor Unknown 22. Approx. Date Work will start March 1, 1980

3. PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12-1/4"	8-5/8"	24#	300'	315	Surface
7-7/8"	4-1/2"	11.6#	6230'	1200	Surface

Amoco proposes to drill the above well to further develop the Basin Dakota reservoir. The well will be drilled to the surface casing point using native mud. The well will then be drilled to TD with a low solids nondispersed mud system. Completion design will be based on open hole logs. Copy of all logs will be filed upon completion. Amoco's standard blowout prevention will be employed; see attached drawing for blowout preventer design.

Upon completion the well location will be cleaned and the reserve pit filled and leveled. Gas produced from this well is dedicated to El Paso Natural Gas Co.

APPROVAL VALID FOR 90 DAYS UNLESS DRILLING COMMENCED,

EXPIRES 4-8-80



4. ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed B. S. Jackson Title District Engineer Date January 4, 1980

(This space for State Use)
APPROVED BY Frank J. Dancy TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE JAN 8 1980

CONDITIONS OF APPROVAL, IF ANY:

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
 ENERGY AND MINERALS DEPARTMENT

P. O. BOX 2088
 SANTA FE, NEW MEXICO 87501

Form C-107
 Revised 10-1-78

All distances must be from the outer boundaries of the Section.

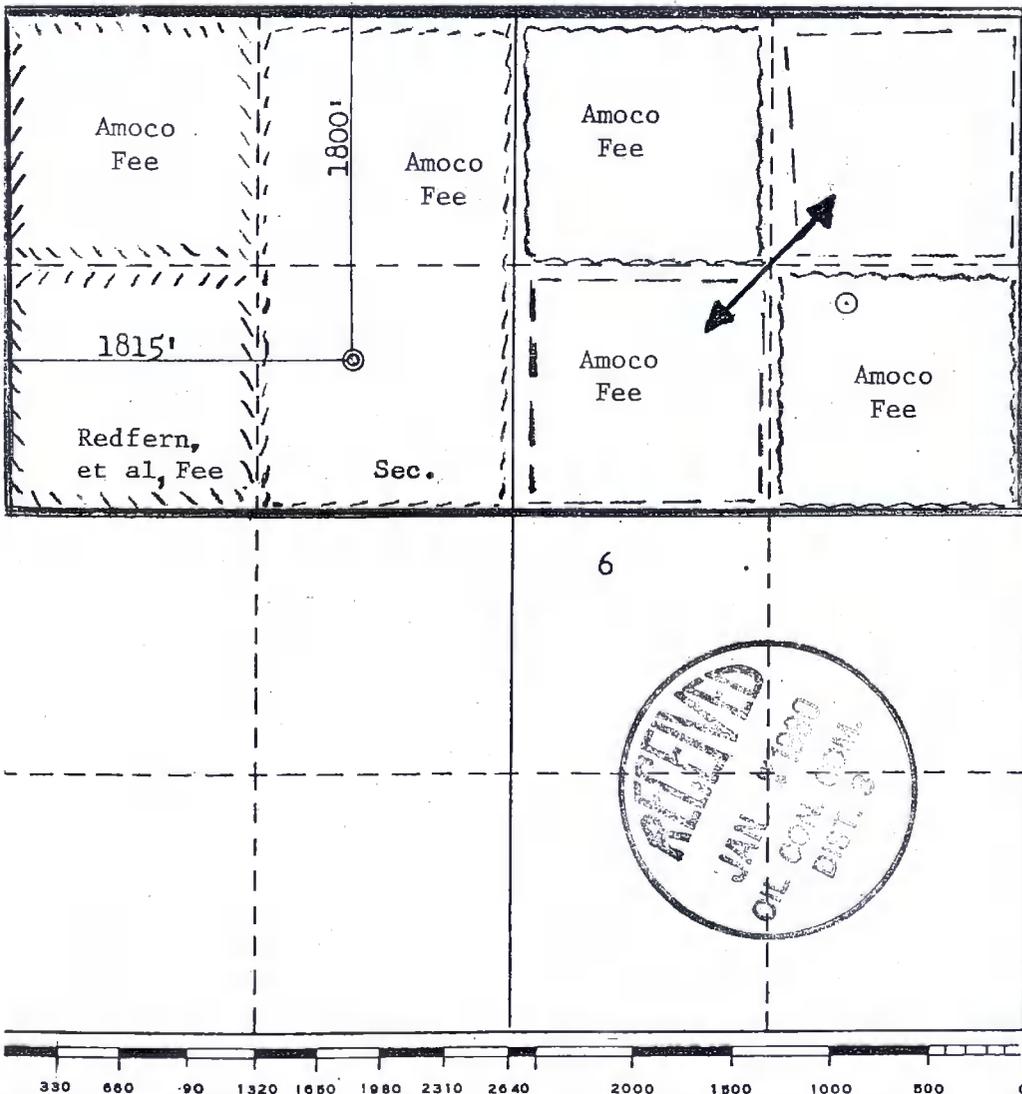
Operator AMOCO PRODUCTION COMPANY			Lease HUTTON GAS COM		Well No. 1-E
Init Letter F	Section 6	Township 29N	Range 12W	County San Juan	
Actual Footage Location of Well: 1800 feet from the North line and 1815 feet from the West line					
Ground Level Elev. 5388	Producing Formation Dakota		Pool Basin Dakota	Dedicated Acreage: 317.94 Acres	

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?

Yes No If answer is "yes," type of consolidation Communitization

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 Commission.



CERTIFICATION

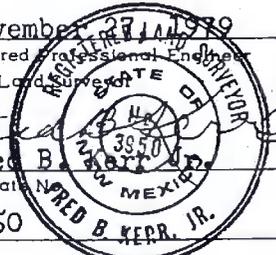
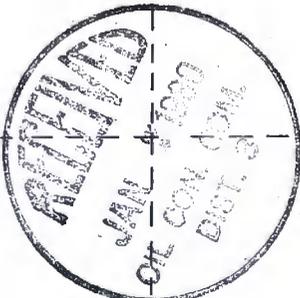
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief

B. E. Fackrell

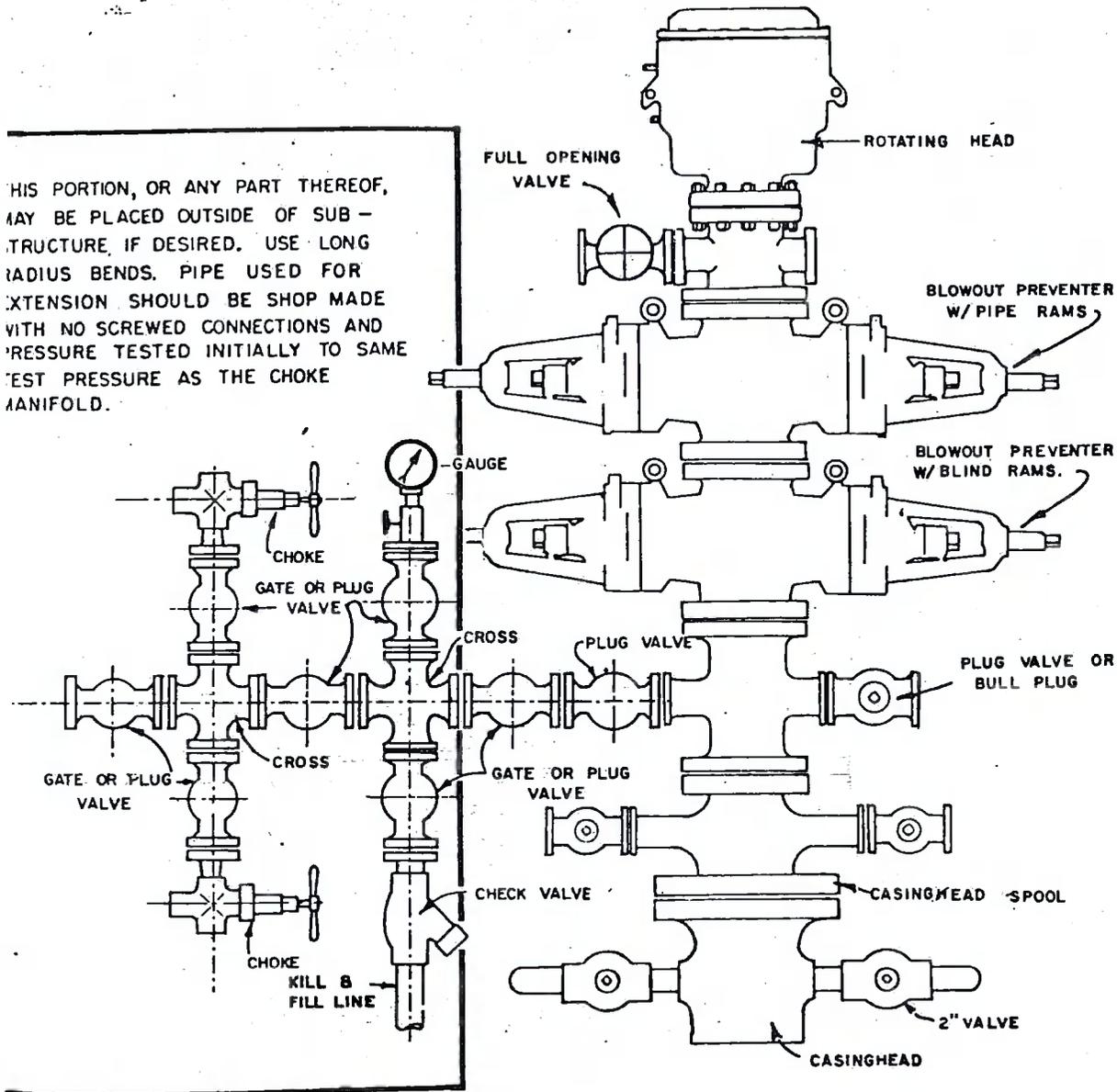
Name	B. E. FACKRELL
Position	DISTRICT ENGINEER
Company	AMOCO PRODUCTION COMPANY
Date	DECEMBER 7, 1979

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed	November 27, 1979
Registered Professional Engineer and/or Land Surveyor	<i>Fred B. Kepp, Jr.</i>
Certification No.	3950



THIS PORTION, OR ANY PART THEREOF, MAY BE PLACED OUTSIDE OF SUB-STRUCTURE, IF DESIRED. USE LONG RADIUS BENDS. PIPE USED FOR EXTENSION SHOULD BE SHOP MADE WITH NO SCREWED CONNECTIONS AND PRESSURE TESTED INITIALLY TO SAME TEST PRESSURE AS THE CHOKE MANIFOLD.



BLOWOUT PREVENTER HOOKUP



United States Department of the Interior

RECEIVED

93 JAN 8 AM 8 56

BUREAU OF LAND MANAGEMENT

Albuquerque District Office
436 Montano, N.E.

Albuquerque, New Mexico 87107



3160 (015)

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: All
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: All
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: All
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 in-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 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.

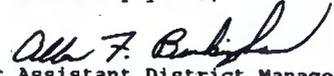
Included with this designation is a letter dated January 5, 1993, from the New Mexico Oil Conservation Division, signed by Michael E. Stogner, Chief Hearing Officer, signifying their concurrence with this designation.

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 CONSERVATION DIVISION
RECEIVED

In Reply Refer to
PR25.2/SS

96 MAR 1 AM 9 27

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

MAR 1 1000

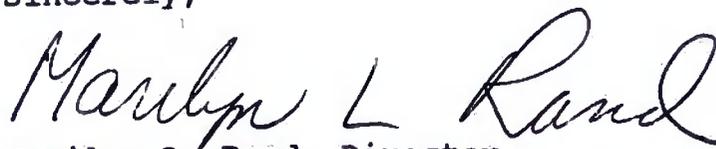
Re: Tight Formation Determination
New Mexico-36
Dakota Formation
FERC No. JD93-02898T

Dear Mr. Buckingham:

On January 11, 1993, the Commission received the above-referenced 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

APPENDIX

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: All

Township 28 North, Range 11 West
Township 28 North, Range 12 West
Section 7-36: 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

JD93-02898T
New Mexico-36

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: E/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 24 and 25: All
Sections 35 and 36: All

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;
 - Wetland 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 and 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 OPRR. 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.
[FR Doc. 93-1788 Filed 1-25-93; 8:45 am]
BILLING CODE 6717-01-M

[Docket No. QF93-18-000]

**Staten Island Cogeneration Corp.;
Amendment to Filing**

January 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 a complete filing.

Any person 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, Jr.,
Acting Secretary.
[FR Doc. 93-1787 Filed 1-25-93; 8:45 am]
BILLING CODE 6717-01-M

**Magic Water Co., Inc.; Application
Accepted for Filing with the
Commission**

January 15, 1993.

Take notice that the following hydroelectric application 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, Inc.

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 Strzalecki, (202) 219-2827.

j. *Description of Project:* The project would consist of: (1) The applicant's existing 12-foot-high, 150-foot-long dam; (2) a 2,584-foot-long, 38-inch-diameter 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.

l. 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. 93-1788 Filed 1-25-93; 8:45 am]
BILLING CODE 6717-01-M

[Docket No. JD93-0288T New Mexico-36]

**Department of the Interior, Bureau 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 § 271.703(c)(3) of the Commission's regulations, that the Dakota Formation in San Juan County, New Mexico,

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 1-38: All
Township 28 North, Range 11 West
Township 28 North, Range 12 West
Sections 7-88: 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 32-38: 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 38: 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: E/2
Sections 33-38: All
Township 31 North, Range 13 West
Section 13: All
Sections 22-27: All
Sections 33-38: All
Township 30 North, Range 14 West

Sections 13 and 14: All
Sections 24 and 25: All
Sections 35 and 38: All

The area of application contains 287,243 acres, more or less, of Federal (68.9%), State (8.8%), Fee (22.1%) and Indian (4.2%) lands.

[FR Doc. 93-1789 Filed 1-25-93; 8:45 am]
BILLING CODE 6717-01-M

[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 above-referenced 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, Jr.,
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, Paloma 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 28: Partly
Section 29: Partly
Section 30: Partly
Section 32: Partly
Section 33: All
Section 34: Partly
Township 32 South, Range 26 East
Section 1: Partly
Section 2: All
Section 3: Partly
Section 4: Partly
Section 5: Partly

Section 11: Partly
Section 12: Partly
Anderson Lease

Township 31 South, Range 26 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, SW/4 of NE/4.

[FR Doc. 93-1887 Filed 1-25-93; 8:45 am]
BILLING CODE 6717-01-M

[Docket No. JD93-02318T Texas-84]

**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 Falcon 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. 38, all in Porcion 14, Zapata County, Texas. These areas are further defined as being within the fault lines as shown on the revised field area map.

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]
BILLING CODE 6717-01-M