



30-045-24004

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON
Governor
BETTY RIVERA
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

December 5, 2002

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

RE: BP America Production Company
Johnson Gas Com C No. 1E

Ms. Rand:

Enclosed is your copy of the approved NGPA application for the above applicant.

Sincerely,

A handwritten signature in cursive script that reads "Kathy Valdes".

Kathy Valdes

Enclosures

State of New Mexico

ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

2040 Pacheco St.

Santa Fe, NM 87505

Form C-132

Revised 10/1/86

TF-02-016

1220 South St. Francis Dr.

FOR DIVISION
USE ONLY:

APPLICATION FOR WELLHEAD PRICE CEILING CATEGORY DETERMINATION

APPROPRIATE FILING FEE(S) ENCLOSED? YES ☒ NO ☐

DATE COMPLETE APPLICATION FILED November 20, 2002

DATE DETERMINATION MADE December 5, 2002

WAS APPLICATION CONTESTED? YES ☐ NO ☒

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

- 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)

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 Johnson Gas Com C
9. Well No. 1E
10. Field and Pool, or Wildcat Basin Dakota
12. County San Juan

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 L LOCATED 1465 FEET FROM THE SOUTH LINE

AND 1150 FEET FROM THE WEST LINE OF SEC. 7 TWS. 29N RGE. 12W NMPM

11. Name and Address of Purchaser(s)

El Paso Field Services

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

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 Rules 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.

Cherry Hlava

NAME OF APPLICANT (TYPE OR PRINT)

Cherry Hlava

SIGNATURE OF APPLICANT

Title **Regulatory Analyst**

Date **November 12, 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

EXAMINER

OIL CONSERVATION DIV.

02 NOV 20 PM 2:00

NPI No. 30-045-24004

NOV 20 2002



**BP America Production Company
San Juan Performance Unit**

501 WestLake Park Blvd.
Houston, TX 77079-3092

Phone: 281-366-4081

November 18, 2002

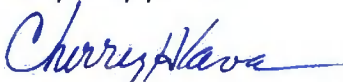
New Mexico Oil Conservation Div.
1220 So. St. Francis Dr.
P.O. Box 6429
Santa Fe, NM 87505

**Application For Well Category Determination
NGPA Section 107
Johnson Gas Com C 1E
San Juan County, New Mexico**

Attn: Michael Stogner,

Please find enclosed the \$25.00 filing fee and the correct State of New Mexico form C-132.
The original application was submitted on a FERC form-121 and was missing the filing fee.

Very truly yours,


Cherry Hlava

Regulatory Analyst

Enclosures

02 NOV 20 PM 2:00

OIL CONSERVATION DIV.

ENERGY, MINERALS AND NATURAL RESOURCES DEPT.

-521

NO. 117312

Official Receipt

Date: 11/20 02

Received from: RC - BP America Prod Co.

Dollar Amount 25.00

DR CR.	AMOUNT NUMBER	CENTER NUMBER	CREDIT AMOUNT	DEPOSIT NUMBER	WORK ORDER NO.
60	4290				
60	4291				
60	3450				
60	3451				
60	3410				
60	4210				
60	4240				
60	1893	0714			
60					
60					
60					
TOTAL			25.00		
By <u>KV</u>					



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON

Governor

BETTY RIVERA

Cabinet Secretary

Lori Wrotenbery

Director

Oil Conservation Division

November 4, 2002

BP America Production Company
San Juan Performance Unit
501 Westlake Park Blvd.
Houston, TX 77079-3092
Attn: Cherry Hlava

Dear Ms. Hlava:

We are in receipt of your NGPA application for the following well:

Johnson Gas Com C No. 1E

This application will not be processed until we receive the NGPA filing fee in the amount of \$25.00. In the future, please do not submit applications to us unless they are accompanied with the appropriate filing fee, as they will be returned to you as incomplete.

Thank you for your cooperation.

Sincerely,

A handwritten signature in black ink, appearing to read "Michael E. Stogner", with a long horizontal flourish extending to the right.

Michael E. Stogner
Chief Hearing Officer/Engineer

MES:kv



BP America Production Company
San Juan Performance Unit
501 WestLake Park Blvd.
Houston, TX 77079-3092

Phone: 281-366-4081

October 7, 2002

New Mexico Oil Conservation Div.
1220 So. St. Francis Dr.
P.O. Box 6429
Santa Fe, NM 87505

RECEIVED

NOV 04 2002

**OIL CONSERVATION
DIVISION**

Application For Well Category Determination
NGPA Section 107
Johnson Gas Com C 1E
San Juan County, New Mexico

BP America Production Company is enclosing, for review and approval by the Bureau of Land Management, 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,

Cherry Hlava

Regulatory Analyst

Enclosures

Cc: Working Interest Owners

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 ☒ natural gas from a designated tight formation.

B. FOR ALL APPLICATIONS FOR DETERMINATION PROVIDE THE FOLLOWING:

1. Well Name and No.* **Johnson Gas Com C 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.) **30-045-24004**
9. Measured Depth of the Completed Interval (in feet)
TOP **6037'** BASE **6258'**

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 * **Cherry Hlava**
7. Title of Such Person * **Regulatory Analyst**
8. Signature *Cherry Hlava* and Phone No. (**281**) **366 - 4081**

* 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 Cherry Hlava, who being by me first duly sworn, deposed and said:

That she is the 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 gas 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 Johnson Gas Com C well #1E API No. 30-045-24004 is natural gas produced from a FERC designated tight formation, assigned State No. NM - 36 through:

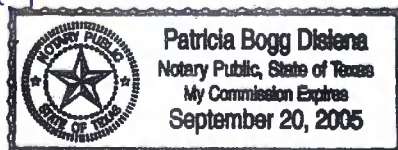
- ☒ a well the surface drilling of which began after December 31, 1979, but before January 1, 1993;
- ☐ a recompletion commenced after January 1, 1993, the surface drilling of which began after December 31, 1979, but before January 1, 1993; or
- ☐ a recompletion commenced after December 31, 1979 but 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.

Cherry Hlava
Cherry Hlava
Regulatory Analyst

Subscribed in my presence and duly sworn to before me, this 07 day of October, 2002.

Patricia Bogg Disiena
Notary Public



BLM Affidavit

My Commission Expires:

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DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

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

Form C-105
Revised 11-1-80

5a. Indicate Type of Lease
State <input type="checkbox"/> Fee <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.

1a. TYPE OF WELL
OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>
b. TYPE OF COMPLETION
NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER <input type="checkbox"/>

7. Unit Agreement Name
8. Farm or Lease Name
Johnson Gas Com "C"
9. Well No.
1E
10. Field and Pool, or Wildcat
Basin Dakota

2. Name of Operator
Amoco Production Company
3. Address of Operator
501 Airport Drive, Farmington, NM 87401
4. Location of Well
API 30-045-24004

UNIT LETTER	L	LOCATED	1465	FEET FROM THE	South	LINE AND	1150	FEET FROM
THE West	LINE OF SEC.	7	TWP.	29N	RGE.	12W	NMPM	

12. County
San Juan

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RAB, RT, GR, etc.)	19. Elev. Casinghead
3-20-80	3-29-80	5-31-80	5564' GL	
20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	23. Intervals Drilled By
6294'	6286'		Rotary Tools	Cable Tools
			O-TD	

24. Producing interval(s), of this completion - Top, Bottom, Name	25. Was Directional Survey Made
6037-6040, 6046-6054, 6051-6063, 6099-6102, 6107-6114, 6118-6142, 6149-6153, 6204-6208, 6214-6222, 6240-6258, Dakota	No

26. Type Electric and Other Logs Run	27. Was Well Cored
*Induction Electric; FDC-CNL; Gamma Ray	No

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24.0#	310	12 1/4"	315 sx	
4 1/2"	10.5#	6294	7 7/8"	1340 sx	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/8"	6263'	None

31. Perforation Record (Interval, size and number)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
6037-6040, 6046-6054, 6057-6063, 6099-6102, 6107-6114, 6118-6142, 6149-6153, 6204-6208, 6214-6222, 6240-6258, with 2 spf, a total of 170, .38" holes.	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	6037-6153	94,000 gal of Frac Fluid and 262,000# 20-40 sand.
	6204-6208	48,000 gal of Frac Fluid and 142,000# 20-40 sand.

33. PRODUCTION							
Date First Production	Production Method (Flowing, gas lift, pumping - Size and type pump)					Well Status (Prod. or Shut-in)	
	Flowing					Shut-In	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas-Oil Ratio
11-6-80	3 Hrs.	.75			95		
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
54	426			761			

34. Disposition of Gas (Sold, used for fuel, vented, etc.)	Test Witnessed By
To Be Sold	

35. List of Attachments

36. 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 By	SIGNED	E. E. SYOBODA	TITLE	District Admin. Supvr.	DATE	12-5-80

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 30 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 in 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 1165.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland 1125	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs 1502	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House 3058	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee 3225	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout 3920	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos 4180	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup 5181	T. Ignacio Qtzite _____
T. Glorieta _____	T. McKee _____	Base Greenhorn 5990	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota 6039	T. _____
T. Blinberry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from Johnson GC C #1E to _____ No. 4, from _____ to _____
 No. 2, from _____ to _____ No. 5, from _____ to _____
 No. 3, from _____ to _____ No. 6, from _____ to _____

T29N, R12W, Section 7

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from _____ to _____ feet. _____
 No. 2, from _____ to _____ feet. _____
 No. 3, from _____ to _____ feet. _____
 No. 4, from _____ to _____ feet. _____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
1125	1502	377	Fruitland				
1502	1680	178	Pictured Cliffs				
3058	4180	1122	Mesaverde				
4180	5181	1001	Mancos Shale				
5181	5625	444	Gallup				
5625	5930	305	Mancos Shale				
5930	5990	60	Greenhorn				
5990	6039	49	Graneros Shale				
6039	6060	21	Graneros Dakota				
6105	6175	70	Main Dakota				

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SANTA FE		
FILE		
U.S.G.S.		
LAND OFFICE		
OPERATOR		

NEW MEXICO OIL CONSERVATION COMMISSION

RECEIVED
JUL 7 1980
FARMINGTON DISTRICT

DS.	
DAS	
DE	

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
Johnson Gas Com "C"

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.)

1. ☐ OIL WELL ☒ GAS WELL ☐ OTHER

2. Name of Operator
Amoco Production Company

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

4. Location of Well
UNIT LETTER L 1465 FEET FROM THE South LINE AND 1150 FEET FROM
THE West LINE, SECTION 7 TOWNSHIP 29N RANGE 12W NMPM.

15. Elevation (Show whether DF, RT, GR, etc.)
5564' GL

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 JOB ☐

OTHER spud and set casing ☐

ALTERING CASING ☐

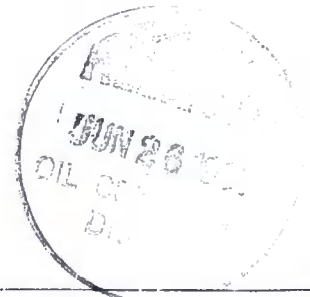
PLUG AND ABANDONMENT ☐

17. 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 5-23-80. Total depth of the well is 6294', and plugback depth is 6286'. Perforated intervals from 6204-6208', 6214-6222', and 6240-6258', with 2 SPF, a total of 60, .38" holes. Sand-water fraced with 48,000 gal of frac fluid and 142,000# of 20-40 sand. Perforated intervals from 6037-6040', 6046-6054', 6057-6063', 6099-6102', 6107-6114', 6118-6142', and 6149-6153', with 2 SPF, a total of 110, .38" holes. Sand-water fraced with 94,000 gal of frac fluid and 262,000# of 20-40 sand. Landed the 2-3/8" tubing at 6263'.

Grabbed the well and released the rig on 5-31-80.

- 0 + 2 - NMOCC, Aztec
- 1 - G. J. Ross, Denver
- 1 - Open
- 1 - Mobil
- 1 - Amoco
- 1 - LING



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

SIGNED E. E. SYOBODA TITLE Dist. Adm. Supvr. DATE 6-24-80

APPROVED BY Frank T. Chazy TITLE SUPERVISOR DISTRICT #3 DATE JUN 26 1980

CONDITIONS OF APPROVAL, IF ANY:

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

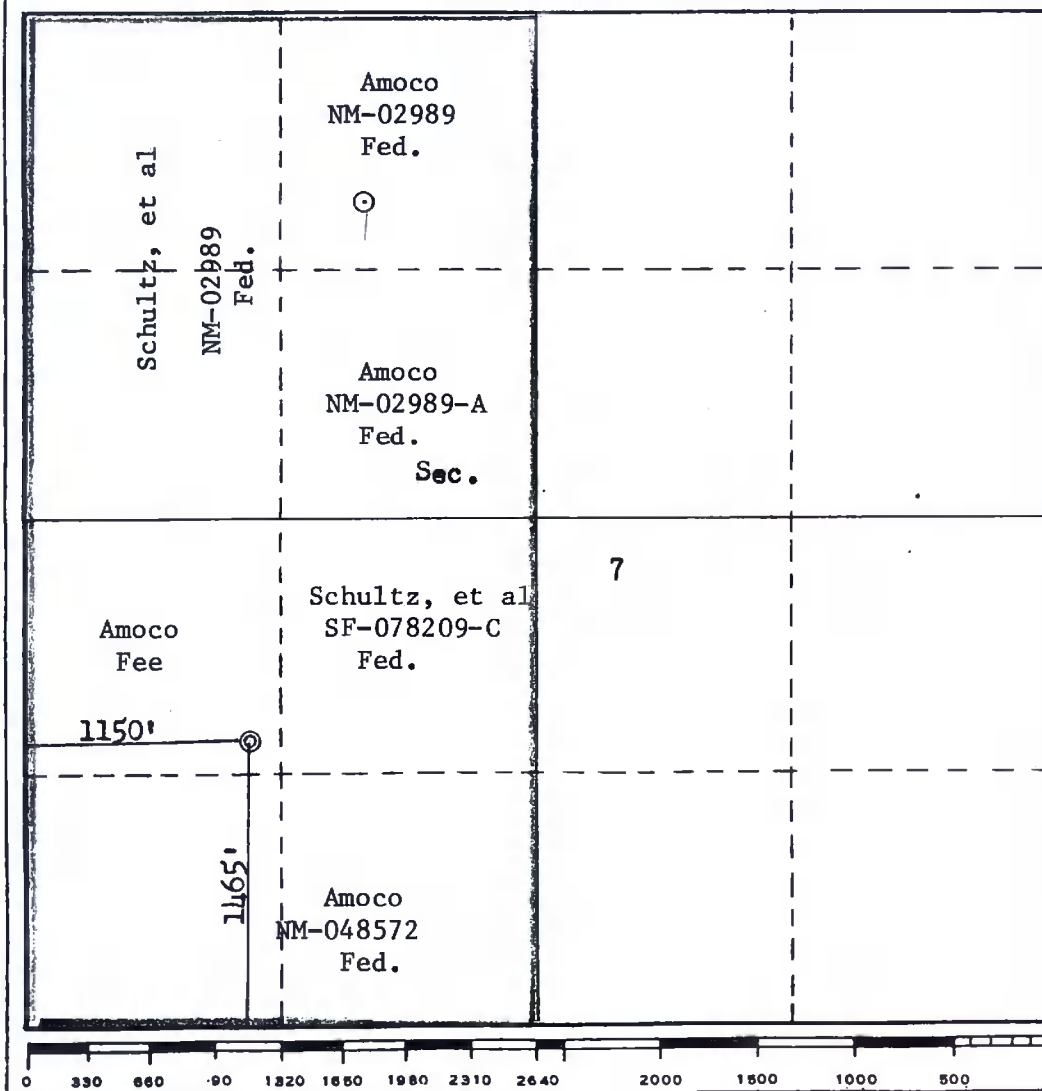
Operator AMOCO PRODUCTION COMPANY			Lease JOHNSON GAS COM "C"		Well No. I-E
Unit Letter L	Section 7	Township 29N	Range 12W	County San Juan	
Actual Footage Location of Well: 1465 feet from the South line and 1150 feet from the West line					
Ground Level Elev. 5564	Producing Formation Dakota		Pool Basin Dakota		Dedicated Acreage: 316.84 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
NOVEMBER 20, 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 13, 1979

Registered Professional Engineer and/or Land Surveyor

Fred B. Kerr, Jr.

Certificate No. **3950**
F. B. KERR, JR.

W00169222

FILING NO.

FILING NO.		COMPANY		AMOCO PRODUCTION COMPANY				
WELL		JOHNSON GAS CON "C" NO. 1 E						
FIELD		BASIN DAKOTA		30-045-24004				
COUNTY		SAN JUAN		STATE NEW MEXICO				
LOCATION:				Other Services				
1465' FSL x 1150' FWL				IEL/GR				
NW SW								
SEC 7		TWP 29N		RGE 12W				
GROUND LEVEL								
Permanent Datum		K.B.		Elev. 5564				
Log Measured from		K.B.		13 Ft. Above Permanent Datum				
Coring Measured from		K.B.		GL				
Site		3-29-80		KB 5571				
Run No.		One		DF 5576				
Depth-Driller		6295		5564				
Depth-Logger		6294						
Bottom logged interval		6290-6294						
Top logged interval		6290-6294						
Type of Sample		Fluid						
Density		9.5		7.3				
3x rps. Temp. deg F.		148		°F				
Source of Samples		Flowline		°F				
1st @ Meas. Temp.		2.7 @ 60		°F				
2nd @ Meas. Temp.		4.1 @ 54		°F				
3rd @ Meas. Temp.		2.6 @ 60		°F				
Source Rm		M		M				
End Circulation		03:30						
Logger on Bottom		11:10						
Recorded By		Hamilton						
Witnessed By		Mr. Sledge						
Bore-Hole Record								
Casing Record								
Run No.	Bit	Level or Contact	From	To	Size	Wgt.	From	To
1	12 1/4	Surface	316	8 5/8	24	Surface	316	
2	7 7/8	316	6295					

EQUIPMENT DATA

[illegible]

CALIBRATION DATA

[illegible]

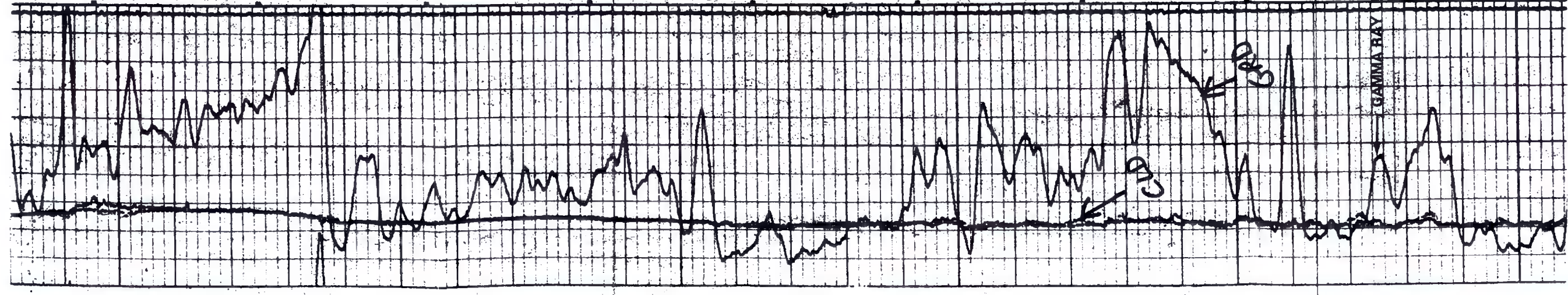
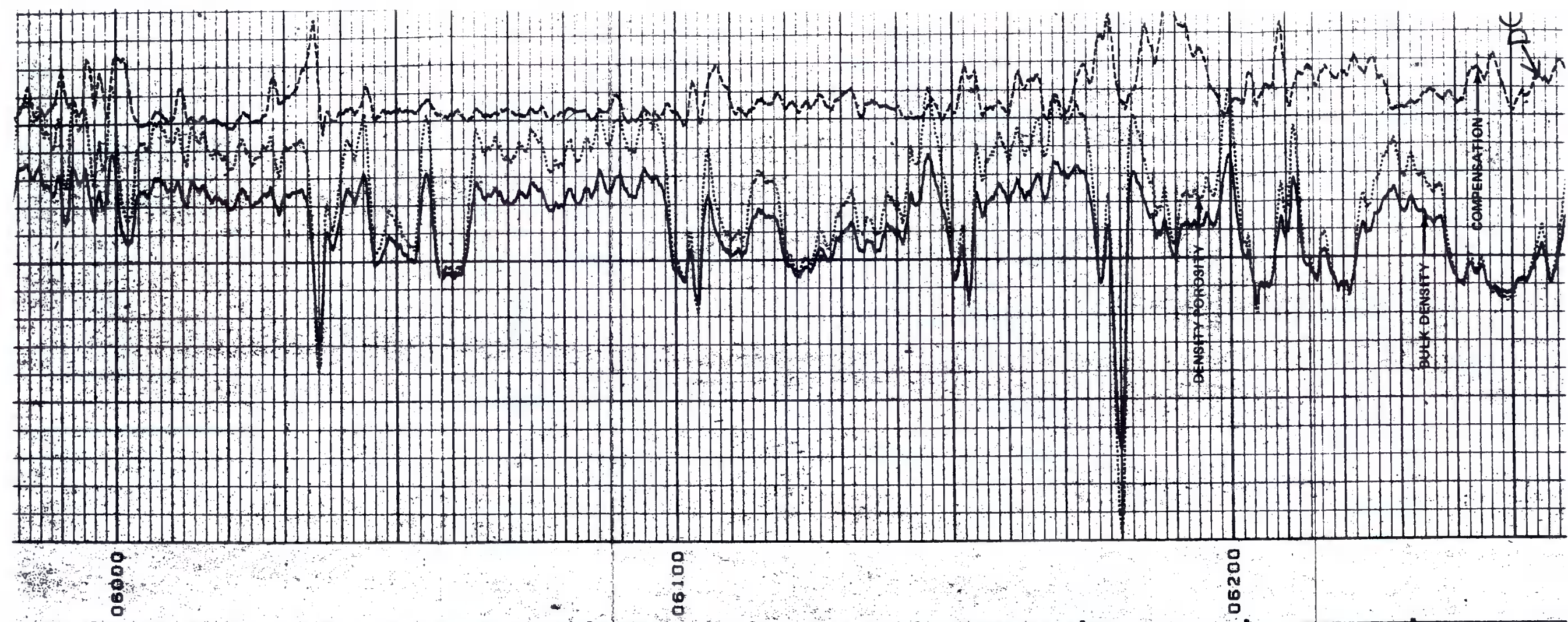
LOGGING DATA

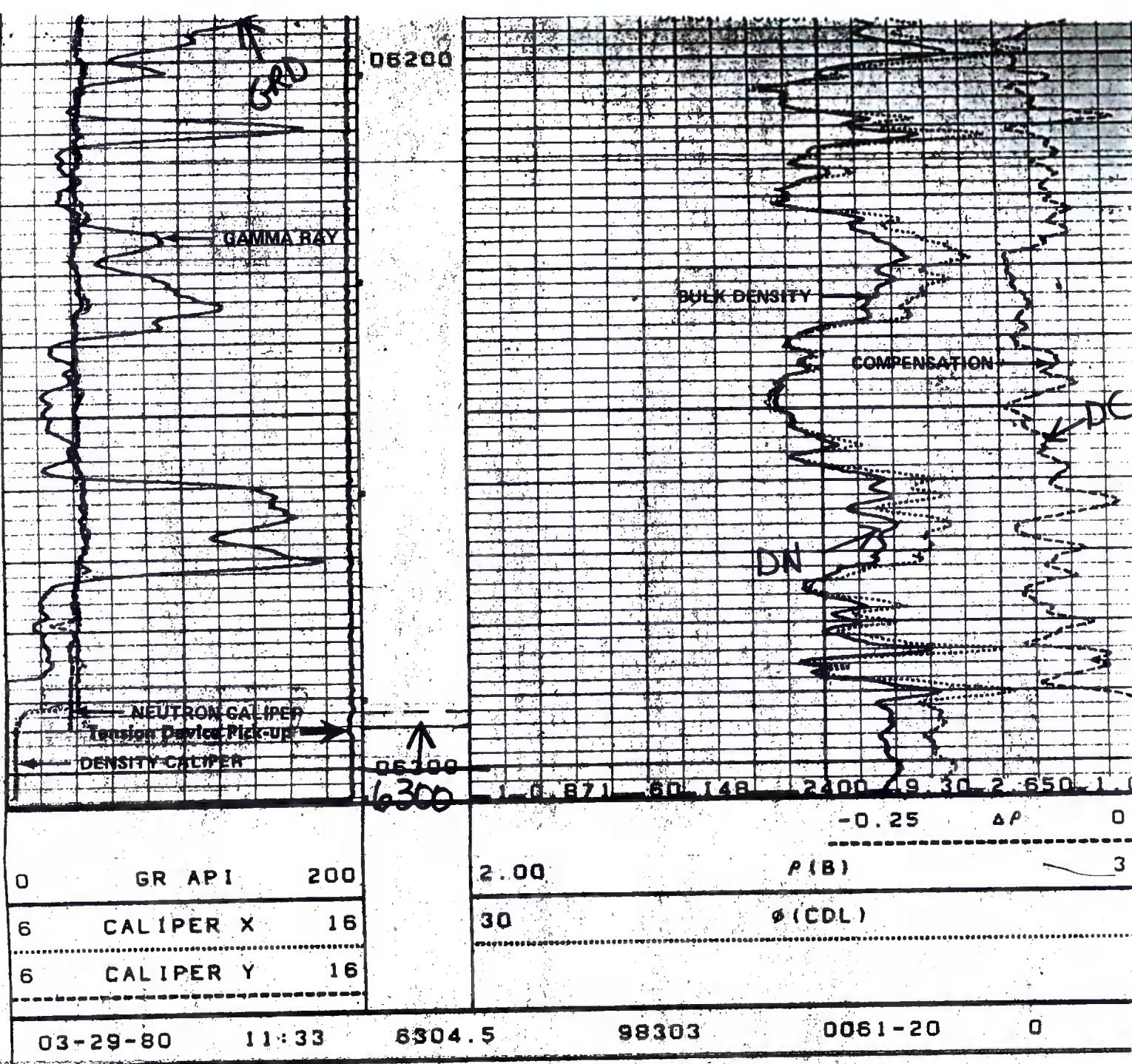
[illegible]

REMARKS:

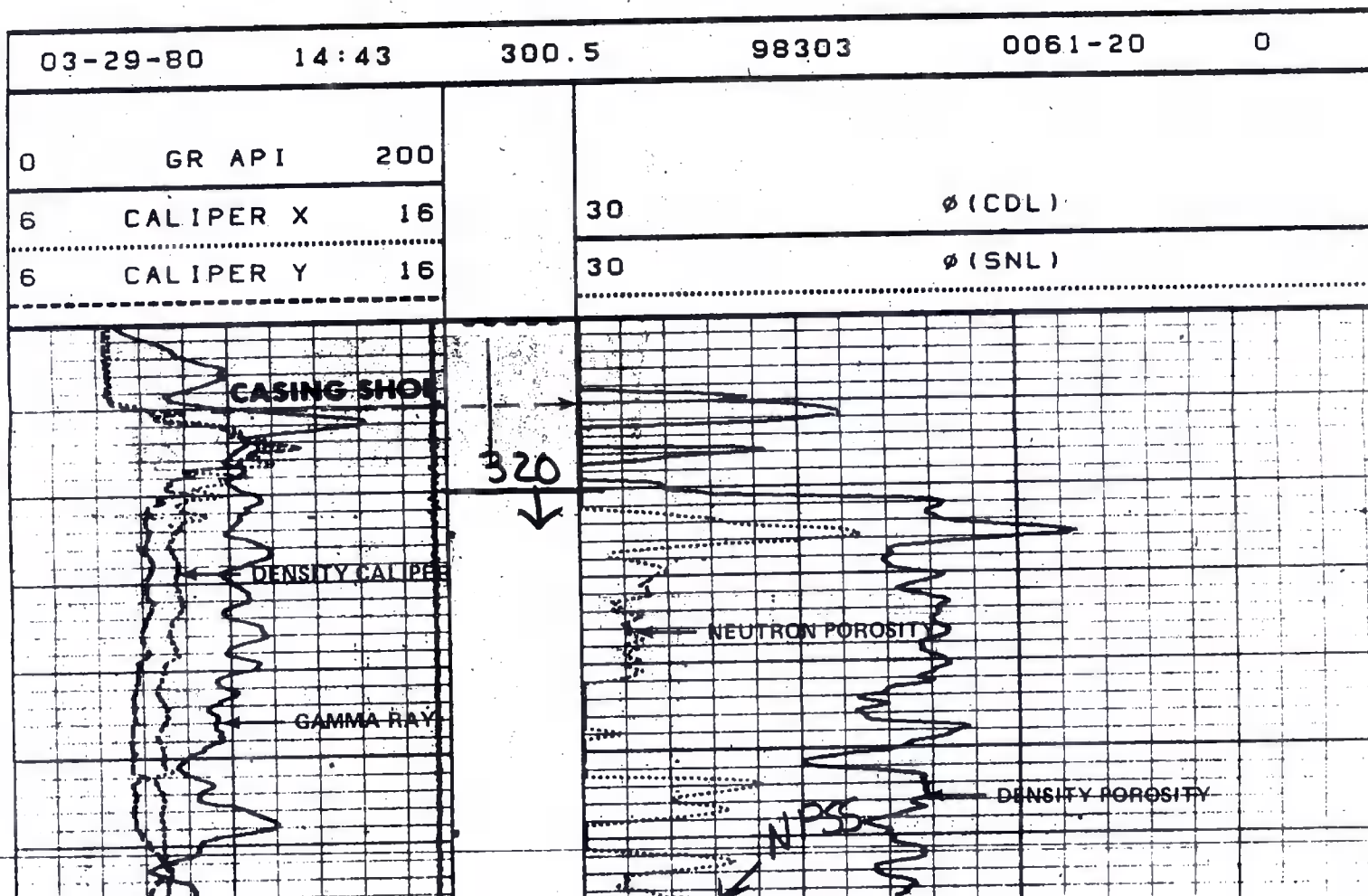
NOTICE: All interpretations are opinions based on inferences from electrical or other measurements and we cannot, and do not, guarantee the accuracy or correctness of any interpretations, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages or expenses incurred or sustained by anyone resulting from any interpretation made by one of our officers, agents or employees. These interpretations are also subject to our General Terms and Conditions set out in our current Price Schedule.

FORM 720-1	GAMMA RAY API \rightarrow 20 \leftarrow UNITS	DEPTHS	BULK DENSITY—NEUTRON—POROSITY GRAMS/cm ³ SNP
	32713-2-1		BULK DENSITY 2.0 2.5
	0 200		DENSITY POROSITY (%) 30 20 10 0
	200 400		NEUTRON POROSITY (%) LITHOLOGY = Sandstone 30 20 10 0
			CORRECTION - .25 0
	CALIPER		
	HOLE SIZE - INCHES 6 18		





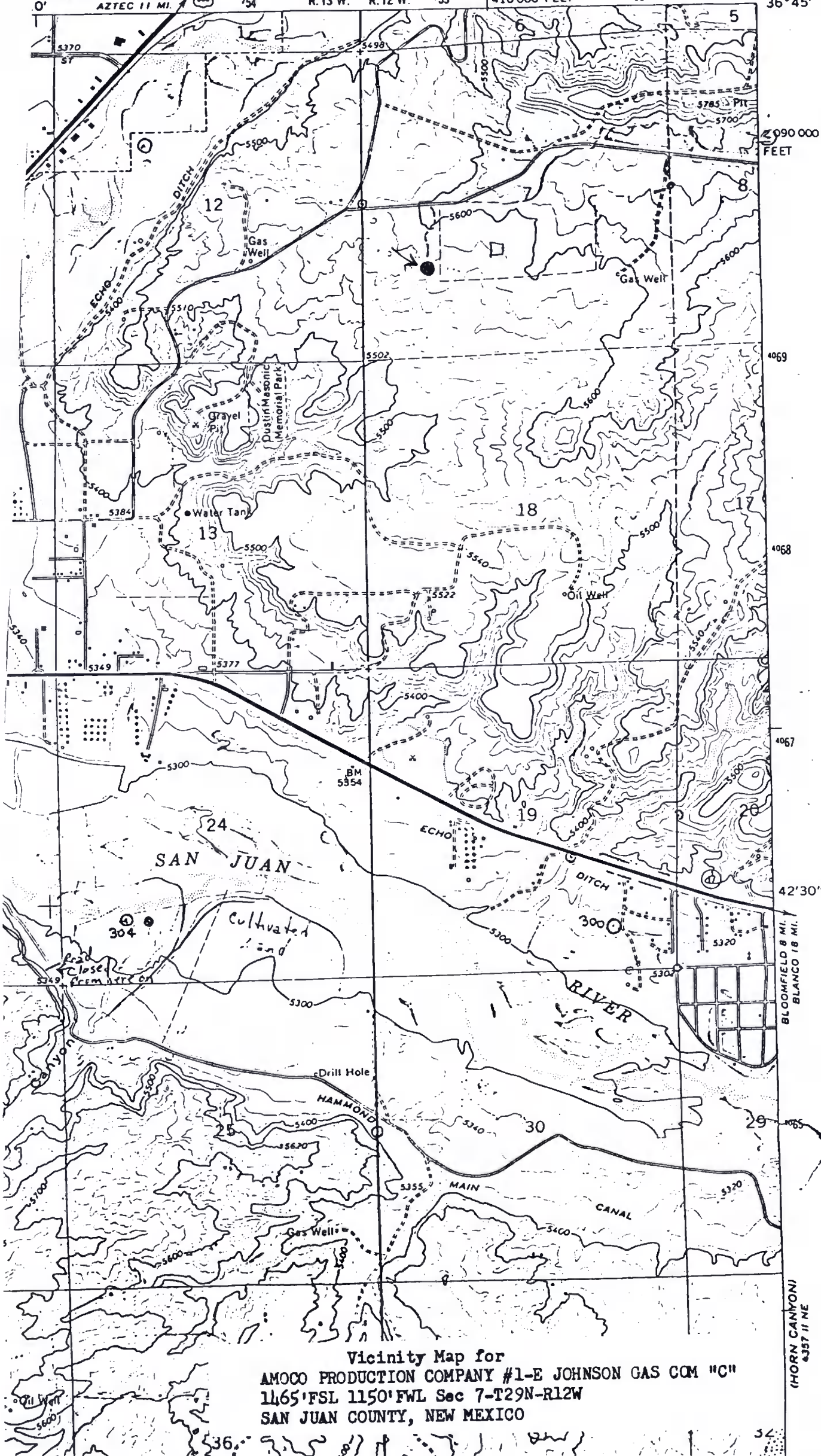
32713-2-3



FARMINGTON SOUTH QUADRANGLE
NEW MEXICO - SAN JUAN CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

4357 I SE
(FLORA VISTA)

DURANGO, COLO. 47 MI. 0' 754 R. 13 W. R. 12 W. 755 410 000 FEET 756 108° 07' 30" 36° 45'



Vicinity Map for
AMOCO PRODUCTION COMPANY #1-E JOHNSON GAS COM "C"
1465' FSL 1150' FWL Sec 7-T29N-R12W
SAN JUAN COUNTY, NEW MEXICO



United States Department of the Interior

RECEIVED

BUREAU OF LAND MANAGEMENT

Albuquerque District Office

435 Montano, N.E.

Albuquerque, New Mexico 87107

93 JAN 8 AM 8 56

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.

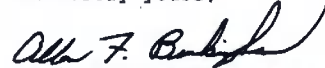
Included with this designation is a letter dated January 5, 1993, from the New Mexico Oil Conservation Division, signed by Michael E. Stogner, Chief Hearing Officer, signifying their concurrence with this designation.

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 90 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 1993

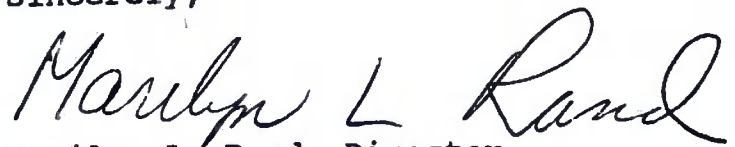
Re: Tight Formation Determination
New Mexico-36
Dakota Formation
FERC No. JD93-02898T

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 OPFR. 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. 93-1786 Filed 1-25-93; 8:45 am]
BILLING CODE 6717-01-M

[Docket No. QF83-18-000]

**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, 16 U.S.C. § 791(a)-825(c).

h. *Applicant Contact:* John J. Straubhar, P.E., P.O. Box 820, Twin Falls, ID 83303, (208) 736-8235.

i. *FERC Contact:* Mr. Michael Strzelecki, (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, 36-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, 38 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. JD93-02885T 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 section 107(b) of the Act of 1978. The are described on the att

The notice of determination contains BLM and the Department of Energy Natural Resources' referenced portion of Formation meets the Commission's regulatory CFR part 271.

The application for available for inspection material which is codified in CFR 275.206, at the Regulatory Commission Capitol Street, NE., V 20426. Persons objecting to the determination may file a protest with the Commission in accordance with 18 CFR 275.204, within 20 days of the date this notice is issued. Linwood A. Watson, Jr., Acting Secretary.

Appendix

Township 26 North, Range 30 East
Township 27 North, Range 30 East
Township 28 North, Range 30 East
Township 29 North, Range 30 East
Township 30 North, Range 30 East
Township 31 North, Range 30 East
Township 32 North, Range 30 East

Sections 1-36: All
Township 26 North, Range 30 East
Township 27 North, Range 30 East

Sections 7-36: All
Township 31 North, Range 30 East
Sections 2-11: All
Sections 14-21: All
Sections 28-33: All

Township 32 North, Range 30 East
Sections 28-33: All
Township 27 North, Range 30 East

Sections 1-7: All
Sections 8-9: N/2
Sections 10-15: All
Township 32 North, Range 30 East

Sections 25-27: All
Sections 32-36: All
Township 27 North, Range 30 East

Sections 1-2: All
Sections 3 and 10: E/2
Sections 11-13: All
Township 28 North, Range 30 East

Sections 10-15: All
Sections 22-27: All
Section 34: E/2
Sections 35 and 36: All

Township 29 North, Range 30 East
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 30 East

Section 13: All
Sections 22-27: All
Sections 33-36: All
Township 30 North, Range 30 East



OIL CONSERVATION DIVISION
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'92 MAR 23 AM 10 17

AMOCO PRODUCTION COMPANY

WELL ANALYSIS COMPARISON

LEASE: JOHNSON GC C 1E

MARCH 16, 1992

L-7-29-12

	CASING -----	BRADENHEAD -----
DATE:	3/13/92	3/13/92
NO.:	20160	20161
	MOLE % -----	MOLE % -----
NITROGEN	0.442	0.213
CO2	1.021	0.006
METHANE	81.125	87.522
ETHANE	9.314	7.229
PROPANE	4.549	2.904
I-BUTANE	0.689	0.500
N-BUTANE	1.459	0.771
I-PENTANE	0.502	0.275
N-PENTANE	0.464	0.204
HEXANE+	0.435	0.376
BTU'S	1233.9	1168.2
GPM	4.9602	3.4709
GRAVITY	0.7184	0.6573

RECEIVED

MAR 18 1992

OIL CON. DIV.
DIST. 3

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

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

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

State of New Mexico
Energy, Minerals and Natural Resources Department

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

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

OIL CONSERVATION DIVISION
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'90 AUG 22 AM 10 46

**REQUEST FOR ALLOWABLE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS**

I.

Operator AMOCO PRODUCTION COMPANY	Well API No. 300452400400
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 JOHNSON GAS COM C	Well No. 1E	Pool Name, including Formation BASIN DAKOTA (PRODUCED GAS)	Kind of Lease State, Federal or Fee	Lease No.
Location				
Unit Letter L	1465	Feet From The FSL	1150	Feet From The FWL
Section 07	Township 29N	Range 12W	NMPM,	SAN JUAN 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)
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.	Unit Sec. Twp. Rge. 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.

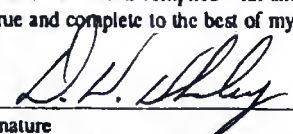
RECEIVED
JUL 5 1990
OIL CON. DIV
DIST. 3

GAS WELL

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

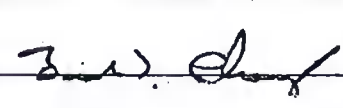
VI. OPERATOR CERTIFICATE OF COMPLIANCE

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.


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 
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 well in multiple completed wells.

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

RECEIVED
SEP 18 1987
OIL CONSERVATION DIVISION
SANTA FE

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

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

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)		Other (Please explain)	
<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"/> Gashead Gas	<input checked="" type="checkbox"/> Condensate	
<input type="checkbox"/> Change in Ownership			

If change of ownership give name
and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Lease Name Johnson Gas Com C	Well No. 1E	Pool Name, including Formation Basin Dakota	Kind of Lease State, Federal or Fee Fee	Lease No.
Location Unit Letter L : 1465 Feet From The South Line and 1150 Feet From The West Line of Section 7 Township 29N Range 12W NMPM, San Juan 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 (EL 9 / 1 / 87)	P. O. Box 1702 Farmington, NM 87499
Name of Authorized Transporter of Gashead 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
	L 7 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

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.

BDSHaw

(Signature)
Admin. Supervisor

(Title)
1-2-85

(Date)

RECEIVED
JAN 03 1985
OIL CON. DIV.
DIST. 3

OIL CONSERVATION DIVISION

APPROVED JAN 22, 1985
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 allow-
able on new and recompleted wells.

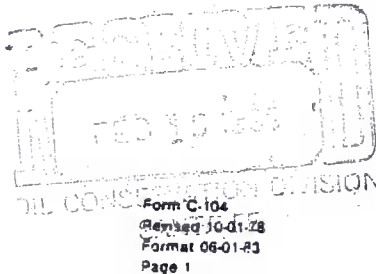
Fill out only Sections I, II, III, and VI for changes of owner,
well name or number, or transporter, or other such change of condition.

Separate Forms C-104 must be filled for each pool in multiply
completed wells.

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

NO. OF LEASES COVERED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.A.	
LAND OFFICE	
TRANSPORTER	OIL
	GAS
OPERATOR	
PRODUCTION OFFICE	

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



REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Operator Amoco Production Company	
Address 501 Airport Drive Farmington, NM 87401	
Reason(s) for filing (Check proper box)	Other (Please explain)
<input type="checkbox"/> New Well <input type="checkbox"/> Recompletion <input type="checkbox"/> Change in Ownership	Change in Transporter of: <input type="checkbox"/> Oil <input type="checkbox"/> Casinghead Gas <input type="checkbox"/> Dry Gas <input checked="" type="checkbox"/> Condensate

If change of ownership give name and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Lease Name Johnson Gas Com C	Well No. 1E	Pool Name, including Formation Basin Dakota	Kind of Lease State, Federal or Fee Fee	Lease No.
Location Unit Letter <u>L</u> : <u>1465</u> Feet From The <u>South</u> Line and <u>1150</u> Feet From The <u>West</u> Line of Section <u>7</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.	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
	<u>L</u> <u>7</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.

BDS Shaw
(Signature)
Admin. Supervisor
(Title)
1-2-85
(Date)

RECEIVED
JAN 03 1985
OIL CON. DIV.
DIST. 3

OIL CONSERVATION DIVISION

APPROVED Charles Sholson JAN 22 1985
BY
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 filled for each pool in multiply completed wells.

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-78

NO. OF COPIES RECEIVED	
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LAND OFFICE	
OPERATOR	

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	
Johnson Gas Com C	
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 <input type="checkbox"/>	GAS WELL <input checked="" type="checkbox"/>	OTHER- Infill
Name of Operator		
Amoco Production Company		
Address of Operator		
501 Airport Dr., Farmington, NM 87401		
Location of Well		
UNIT LETTER	L	1465
FEET FROM THE South LINE AND 1150		
FEET FROM		
THE West	LINE, SECTION 7	TOWNSHIP 29N
RANGE 12W NMPM.		

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

5564' GL

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

NOTICE OF INTENTION TO:

FORM REMEDIAL WORK <input checked="" type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>

SUBSEQUENT REPORT OF:

REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER <input type="checkbox"/>	

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.

As per the attached procedure, Amoco Production Company plans to isolate the lower Dakota perforations and reduce water production in the subject well. Work will commence sometime in the near future.



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

SIGNED BY <u>B. J. Robinson</u>	TITLE <u>Admin. Supvr.</u>	DATE <u>11-18-82</u>
SIGNED BY <u>Frank J. Day</u>	TITLE <u>SUPERVISOR DISTRICT 3</u>	DATE <u>NOV 24 1982</u>
CONDITIONS OF APPROVAL, IF ANY:		

OPERATIONS TO BE PERFORMED: (Circle One) Recompletion Repair Service

LEASE AND WELL Johnson Gas Conn C 11 1/2 E FIELD Basin

FORMATION Dakota LOGS SP-GR-IEL-FDC-PNL

LOCATION 1465 FSL X 1150 FNL Sec 7, T29N, R12W

COMP. DATE 6/1/80 EL: 5564 GL TD: 6295 PBD: 6286

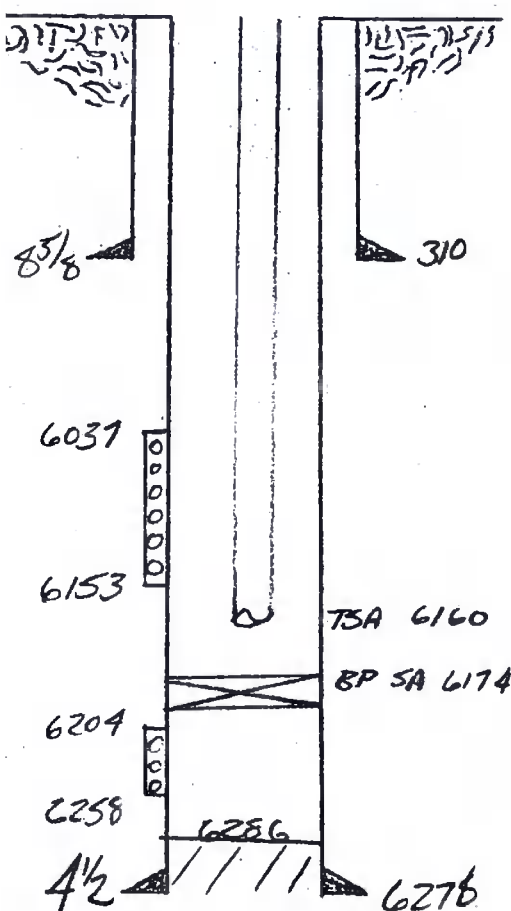
CSG. 8 5/8" 1124 # K-55 @ 310; 4.5" 1163/10.5 # R-55 @ 6278

COMP. INT. 6037 - 6258 ORIG. STIM. Two stage 40+ XLINK Frac

IP 761 MCFD CURRENT PROD. INT. Same

PURPOSE: To isolate lower Dakota parts & reduce water production.

WELLBORE SKETCH PROCEDURE



1. Kill well with 2% KCL
2. Trip out with 2 3/8" production tubing
3. Trip in with tubing and drillable bridge plug
4. Set bridge plug at 6174
5. Re-land tubing at 6160
6. Swab well in and put on test.
7. Report tubing & casing pressures, gas, water, & oil production to the main office daily until further notice.

Approved: J.D. Blawie

By: _____

Date: 11-18-82

10-4-81

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

NOTICE OF GAS CONNECTION

DATE July 13, 1981

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

GAS FROM Amoco Production Company
OperatorJohnson Gas Com C #1-E
Well Name93-781-01

Meter Code

73867-51

Site Code

L

Well Unit

7-29-12

S-T-R

Basin Dakota

Pool

El Paso Natural Gas Company

Name of Purchaser

WAS MADE ON 6-26-81
DateFIRST DELIVERY 7-6-81
DateAOF 820CHOKE 761El Paso Natural Gas Company
Purchaser*A. M. Borden*
RepresentativeChief Dispatcher
Titlecc: Operator
Oil Conservation Commission - 2
Proration - El Paso

File

045

P
PLA

NEW MEXICO OIL CONSERVATION COMMISSION
REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

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

DISTRIBUTION		
SANTA FE		
FILE		
U.S.G.S.		
LAND OFFICE		
TRANSPORTER	OIL	
	GAS	
OPERATOR		
PRORATION OFFICE		

I. Operator
Amoco Production Company
Address
501 Airport Drive, Farmington, NM 87401
Reason(s) for filing (Check proper box)
New Well ☒ Change in Transporter of:
Recompletion ☐ Oil ☐ Dry Gas ☐
Change in Ownership ☐ Casinghead Gas ☐ Condensate ☐
Other (Please explain) SANTA FE

If change of ownership give name
and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Lease Name	Well No.	Pool Name, Including Formation	Kind of Lease	Lease No.
Johnson Gas Com "C"	1E	Basin Dakota	State, Federal or Fee Fee	
Location Unit Letter L : 1465 Feet From The South Line and 1150 Feet From The West Line of Section 7 Township 29N Range 12W , NMPM, San Juan 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)
Plateau Incorporated	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"/>	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
L 7 29N 12W	No

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.
		X	X					
Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.					
3-20-80	5-31-80	6294'	6286'					
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation	Top Oil/Gas Pay	Tubing Depth					
5564' GL	Dakota	6037'	6263'					
Perforations 6037-6040, 6046-6054, 6057-6063, 6099-6102, 6107-6114, 6118-6142, 6149-6153, 6204-6208, 6214-6222, 6240-6258			Depth Casing Shoe					
			6294'					
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT					
12 1/4"	8 5/8"	310'	315 SX					
7 7/8"	4 1/2"	6294'	1340 SX					
	2 3/8"	6263'						

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 Tanks	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.

GAS WELL

Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MMCF
761	3 Hrs.	
Testing Method (pitot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)
Back Pressure	1188	1390

VI. 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. E. Svoboda
(Signature)
District Administrative Supervisor
(Title)
11-22-80
(Date)

OIL CONSERVATION COMMISSION

APPROVED: DEC 10 1980, 19
BY: Frank B. Cherry
TITLE: 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 multiple

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LAND OFFICE	
OPERATOR	

Form C-105
Revised 11-1-80

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

5a. Indicate Type of Lease
State <input type="checkbox"/> Fee <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.

1. TYPE OF WELL

2. TYPE OF COMPLETION

OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER _____
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER _____

Name of Operator

Amoco Production Company

Address of Operator

501 Airport Drive, Farmington, NM 87401

Location of Well

7. Unit Agreement Name

8. Farm or Lease Name

Johnson Gas Com "C"

9. Well No.

1E

10. Field and Pool, or Wildcat

Basin Dakota

IT LETTER L LOCATED 1465 FEET FROM THE South LINE AND 1150 FEET FROM

West LINE OF SEC. 7 TWP. 29N RGE. 12W NMPM

12. County

San Juan

13. Date Spudded 3-20-80 16. Date T.D. Reached 3-29-80 17. Date Compl. (Ready to Prod.) 5-31-80 18. Elevations (DF, RKB, RT, GR, etc.) 5564' GL 19. Elev. Casinghead

20. Total Depth 6294' 21. Plug Back T.D. 6286' 22. If Multiple Compl., How Many 23. Intervals Drilled By 0-TD Rotary Tools Cable Tools

24. Producing Interval(s), of this completion - Top, Bottom, Name

6037-6040, 6046-6054, 6051-6063, 6099-6102, 6107-6114, 6118-6142, 6149-6153, 6204-6208, 6214-6222, 6240-6258, Dakota

25. Type Electric and Other Logs Run

*Induction Electric; FDC-CNL; Gamma Ray

26. Was Well Cored

No

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24.0#	310	12 1/4"	315 sx	
4 1/2"	10.5#	6294	7 7/8"	1340 sx	

LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 3/8"	6263'	None

Perforation Record (Interval, size and number)

6037-6040, 6046-6054, 6057-6063, 6099-6102, 6107-6114, 6118-6142, 6149-6153, 6204-6208, 6214-6222, 6240-6258, with 2 spf, a total of 170, .38" holes.

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
6037-6153	94,000 gal of Frac Fluid and 262,000# 20-40 sand.
6204-6208	48,000 gal of Frac Fluid and 142,000# 20-40 sand.

PRODUCTION

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

Flowing Shut-In
Date of Test 11-6-80 Hours Tested 3 Hrs. Choke Size .75 Prod'n. For Test Period Oil - Bbl. Gas - MCF Water - Bbl. Oil Ratio

Well Tubing Press. 54 Casing Pressure 426 Calculated 24-Hour Rate Oil - Bbl. Gas - MCF Water - Bbl.

Disposition of Gas (Sold, used for fuel, vented, etc.)

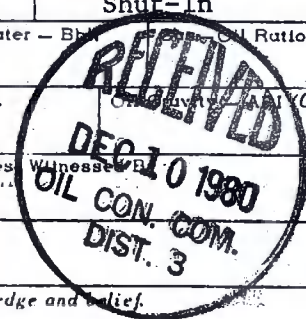
To Be Sold

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 E. E. Svoboda TITLE District Admin. Supvr.

DATE 12-5-80



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

Southeastern New Mexico

Northwestern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland <u>1125</u>	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs <u>1502</u>	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House <u>3058</u>	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee <u>3225</u>	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout <u>3920</u>	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos <u>4180</u>	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup <u>5181</u>	T. Ignacio Qtzite _____
T. Glorieta _____	T. McKee _____	Base Greenhorn <u>5990</u>	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota <u>6039</u>	T. _____
T. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from Johnson GC C #1E to _____ No. 4, from _____ to _____

No. 2, from _____ to _____ No. 5, from _____ to _____

No. 3, from _____ to _____ No. 6, from _____ to _____

T29N, R12W, Section 7

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from _____ to _____ feet. _____

No. 2, from _____ to _____ feet. _____

No. 3, from _____ to _____ feet. _____

No. 4, from _____ to _____ feet. _____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
1125	1502	377	Fruitland				
1502	1680	178	Pictured Cliffs				
3058	4180	1122	Mesaverde				
4180	5181	1001	Mancos Shale				
5181	5625	444	Gallup				
5625	5930	305	Mancos Shale				
5930	5990	60	Greenhorn				
5990	6039	49	Graneros Shale				
6039	6060	21	Graneros Dakota				
6105	6175	70	Main Dakota				

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

Form C-122
 Revised 9-1-65

Type Test <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Annual <input checked="" type="checkbox"/> Special				Test Date 11-06-80	
Company Amoco Production Company			Connection El Paso Natural Gas Company		
Pool Basin			Formation Dakota		Unit
Completion Date 6-1-80		Total Depth 6295		Plug Back TD 6286	
Elevation 5564		Farm or Lease Name Johnson Gas Com "C"			
Csg. Size 4.500	Wt. 10.5	d 4052	Set At 6276	Perforations: From 6037 To 6258	
Thq. Size 2.375	Wt. 4.7	d 1.995	Set At 6263	Perforations: From open To ended	
Type Well - Single - Bradenhead - G.C. or G.O. Multiple Single				Packer Set At None	
Producing Thru Tubing		Reservoir Temp. °F #		Mean Annual Temp. °F #	
Baro. Press. - P _a		State New Mexico			
L	H	G _g	% 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
SI	7 days						1188	1390			3 hrs
1.	2.375						54	426			
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 F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	12.365		66	1.000	.9258	1.007	761
2.							
3.							
4.							
5.							

NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1.					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
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

P _c 1402 P _c ² 1965604			
NO.	P _t ²	P _w	P _w ²
1		432	186624
2			
3			
4			
5			

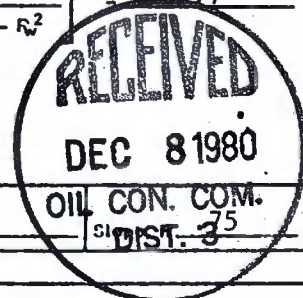
$$(1) \frac{P_c^2}{P_c^2 - P_w^2} = 1.1049$$

$$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 820$$

$$(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0777$$

Absolute Open Flow	820	Mcf/d @ 15.025	Angle of Slope @
Remarks:			

Approved by Commission:	Conducted by: J. J. Barnett	Calculated by: J. J. Barnett	Checked by: W. L. Peterson
-------------------------	--------------------------------	---------------------------------	-------------------------------



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FILE	
U.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

SUNDRY NOTICES AND REPORTS ON WELLS <small>(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.)</small>		5a. Indicate Type of Lease State <input type="checkbox"/> Fee <input checked="" type="checkbox"/>
OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		5. State Oil & Gas Lease No.
Name of Operator Amoco Production Company		7. Unit Agreement Name
Address of Operator 501 Airport Drive Farmington, NM 87401		8. Farm or Lease Name Johnson Gas Com "C"
Location of Well UNIT LETTER L 1465 FEET FROM THE South LINE AND 1150 FEET FROM THE West LINE, SECTION 7 TOWNSHIP 29N RANGE 12W NMPM.		9. Well No. 1E
10. Field and Pool, or Wildcat Basin Dakota		11. County San Juan
15. Elevation (Show whether DF, RT, GR, etc.) 5564' GL		12. County San Juan

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

NOTICE OF INTENTION TO:

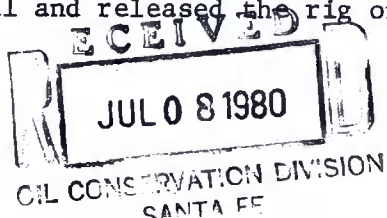
SUBSEQUENT REPORT OF:

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"/>

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 5-23-80. Total depth of the well is 6294', and plugback depth 6286'. Perforated intervals from 6204-6208', 6214-6222', and 6240-6258', with 2 SPF, a total of 60, .38" holes. Sand-water fraced with 48,000 gal of frac fluid and 142,000# of 20-40 sand. Perforated intervals from 6037-6040', 6046-6054', 6057-6063', 6099-6102', 6107-6114', 6118-6142', and 6149-6153', with 2 SPF, a total of 110, .38" holes. Sand-water fraced with 94,000 gal of frac fluid and 262,000# of 20-40 sand. Landed the 2-3/8" tubing at 6263'.

Abbed the well and released the rig on 5-31-80.



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

SIGNED <u>CC Svoboda</u>	TITLE <u>Dist. Adm. Supvr.</u>	DATE <u>6-24-80</u>
APPROVED BY <u>Frank T. Chazy</u>	TITLE <u>SUPERVISOR DISTRICT # 3</u>	DATE <u>JUN 26 1980</u>

CONDITIONS OF APPROVAL, IF ANY:

NO. OF COPIES RECEIVED	3
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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

SUNDRY NOTICES AND REPORTS ON WELLS <small>(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.)</small>		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 Johnson Gas Com "C"		
9. Well No. 1E		
10. Field and Pool, or Wildcat Basin Dakota		
11. Location of Well UNIT LETTER <u>L</u> <u>1465</u> FEET FROM THE <u>South</u> LINE AND <u>1150'</u> FEET FROM THE <u>West</u> LINE, SECTION <u>7</u> TOWNSHIP <u>29N</u> RANGE <u>12W</u> NMPM.		
15. Elevation (Show whether DF, RT, GR, etc.) 5564' GL		12. County San Juan

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 JOB <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 February 24, 1980. Our plans call for drilling this well in the near future.

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,

EXPIRES 5-24-80



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

SIGNED BS. Jauch TITLE District Engineer DATE February 21, 1980

APPROVED BY Frank S. Chang TITLE SUPERVISOR DISTRICT # 3 DATE FEB 25 1980

CONDITIONS OF APPROVAL, IF ANY:

30-075-24004
Form C-101
Revised 10-1-78

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

SANTA FE, NEW MEXICO 87501

5A. Indentify Type of Lease

STATE	<input type="checkbox"/>	FEE	<input checked="" type="checkbox"/>
-------	--------------------------	-----	-------------------------------------

5. State Oil & Gas Lease No.

[Hatched area]

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

a. Type of Work		7. Unit Agreement Name	
b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> INFILL <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		8. Firm or Lessee Name	
c. Name of Operator AMOCO PRODUCTION COMPANY		Johnson Gas Com "C"	
d. Address of Operator 501 Airport Drive, Farmington, New Mexico 87401		9. Well No.	
e. Location of Well UNIT LETTER <u>L</u> LOCATED <u>1465</u> FEET FROM THE <u>South</u> LINE <u>1150'</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>7</u> TWP. <u>29N</u> RGE. <u>12W</u> NMPM		10. Field and Pool, or Wildcat	
		Basin Dakota	
		11. County	
		San Juan	
		12. County	
		San Juan	
		13. Proposed Depth	
		6614'	
		14A. Formation	
		Dakota	
		20. Rotary or C.T.	
		Rotary	
1. Elevations (Show whether DT, RT, etc.)		21A. Kind & Status Plug. Bond	
5564' GL		Statewide	
21B. Drilling Contractor		22. Approx. Date Work will start	
Unknown		12/30/79	

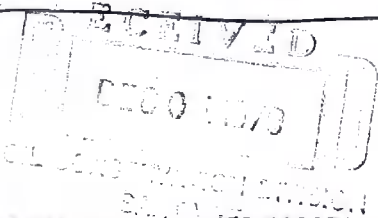
PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12-1/4"	8-5/8"	24#	300'	300	Surface
7-7/8"	4-1/2"	11.6#	6614'	1510	Surface

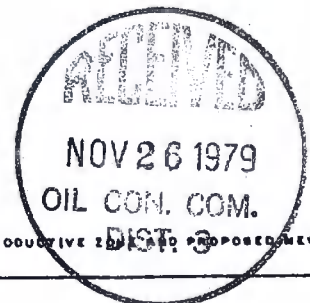
Amoco proposes to drill the above well to further develop the Basin Dakota reservoir. The well will be drilled to the surface casing point using native mud. The well will then be drilled to TD with a low solids nondispersed mud system. Completion design will be based on open hole logs. Copy of all logs 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 2-24-88



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 SLOWOUT PREVENTER PROGRAM, IF ANY.

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

red D. E. Sachul Title District Engineer Date November 21, 1979

(This space for State Use)

PROVED BY Frank J. Chung TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE NOV 26 1979

CONDITIONS OF APPROVAL, IF ANY:

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

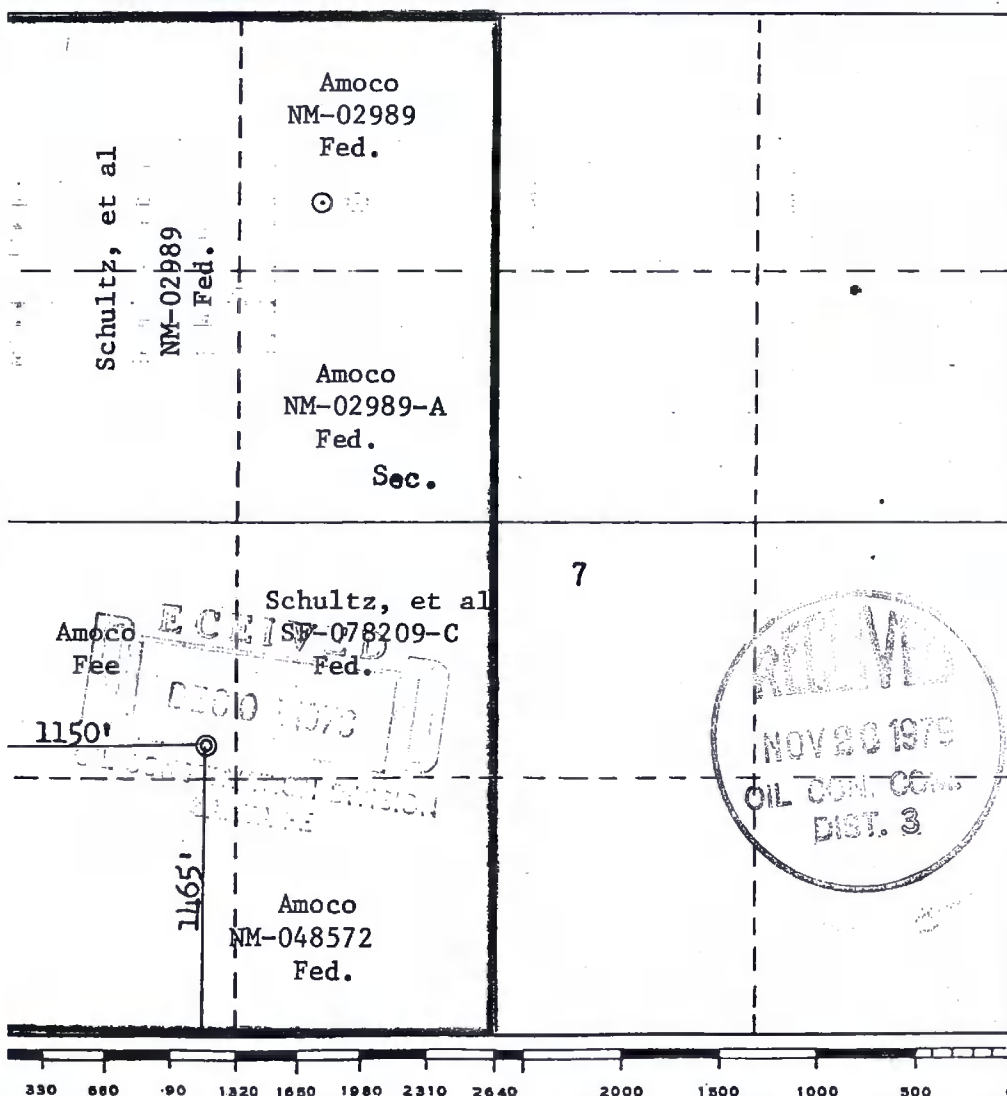
Operator AMOCO PRODUCTION COMPANY			Lease JOHNSON GAS COM "C"		Well No. 1-E
Well Letter L	Section 7	Township 29N	Range 12W	County San Juan	
Actual Footage Location of Well: 1165 feet from the South line and 1150 feet from the West line					
Ground Level Elev. 5564	Producing Formation Dakota		Pool Basin Dakota		Dedicated Acreage: 316.84 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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
NOVEMBER 20, 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.

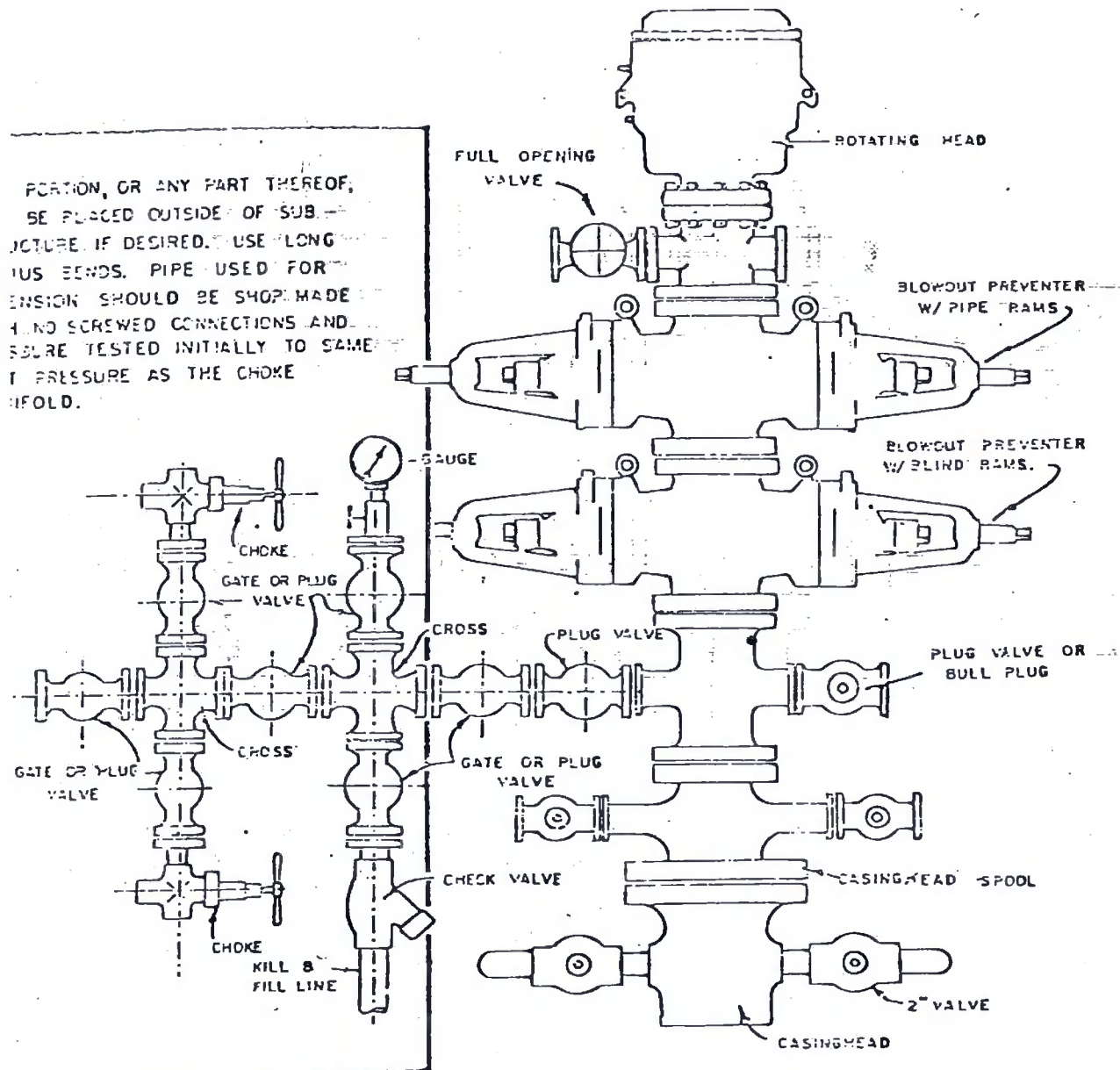
Date Surveyed

November 13, 1979
Registered Professional Engineer
and/or Land Surveyor

Fred B. Kerr, Jr.
Certificate No. **3950**

3950

PORTION, OR ANY PART THEREOF,
BE PLACED OUTSIDE OF SUB.
PICTURE IF DESIRED. USE LONG
PIPS ENDS. PIPE USED FOR
INSION SHOULD BE SHOP MADE
AND SWEDED CONNECTIONS AND
SURE TESTED INITIALLY TO SAME
PRESSURE AS THE CHOKE
FOLD.



BLOWOUT PREVENTER HOOKUP

Petroleum Information
Corporation
GEO-RICHE

29N-12W-07- 12 (NW SW)
NEW MEXICO NM

WELL: JOHNSON GAS COM C 1E
OPER: AMOCO PROD
CNTY: SAN JUAN

API: 30-045-24004
ISSUE: A07/86
CARD: 1+

Petroleum Information
Corporation
GEO-RICHE

29N-12W-07- 12 (NW SW)
NEW MEXICO NM

WELL: JOHNSON GAS COM C 1E
OPER: AMOCO PROD
CNTY: SAN JUAN

API: 30-045-24014
ISSUE: A07/86
CARD: 2

CMD :
OG5SECT

ONGARD
INQUIRE LAND BY SECTION

11/22/02 15:03:30
OGOMES -TPEG
PAGE NO: 1

Sec : 07 Twp : 29N Rng : 12W Section Type : NORMAL

1 39.13	C 40.00	B 40.00	A 40.00
Federal owned	Federal owned A A	Federal owned	Federal owned
2 39.19	F 40.00	6 40.09	5 40.37
Federal owned A	Federal owned A	Federal owned	Federal owned A A

PF01 HELP
PF07 BKWD

PF02
PF08 FWD

PF03 EXIT
PF09 PRINT

PF04 GoTo
PF10 SDIV

PF05
PF11

PF06
PF12

CMD :
OG5SECT

ONGARD
INQUIRE LAND BY SECTION

11/22/02 15:03:33
OGOMES -TPEG
PAGE NO: 2

Sec : 07 Twp : 29N Rng : 12W Section Type : NORMAL

3 39.23	K 40.00	J 40.00	7 40.40
Fee owned A A A	Federal owned	Federal owned	Federal owned
11 38.95	10 39.86	9 40.16	8 40.44
Federal owned	Federal owned	Federal owned A	Federal owned

PF01 HELP
PF07 BKWD

PF02
PF08 FWD

PF03 EXIT
PF09 PRINT

PF04 GoTo
PF10 SDIV

PF05
PF11

PF06
PF12

```

CMD      :                                ONGARD                                11/22/02 15:03:53
OG6IWCM      INQUIRE WELL COMPLETIONS                                OGOMES -TPEG

```

API Well No : 30 45 24004 Eff Date : 11-01-1980 WC Status : A
Pool Idn : 71599 BASIN DAKOTA (PRORATED GAS)
OGRID Idn : 778 BP AMERICA PRODUCTION COMPANY
Prop Idn : 751 JOHNSON GAS COM C

Well No : 001E
GL Elevation: 5564

	U/L	Sec	Township	Range	North/South	East/West	Prop/Act (P/A)
B.H. Locn	: 3	7	29N	12W	FTG 1465 F S	FTG 1150 F W	P
Lot Identifier:							
Dedicated Acre:	316.36						
Lease Type	: P						
Type of consolidation	(Comm, Unit, Forced Pooling - C/U/F/O) :						

M0025: Enter PF keys to scroll

```
PF01 HELP      PF02          PF03 EXIT      PF04 GoTo      PF05          PF06
PF07          PF08          PF09          PF10 NEXT-WC PF11 HISTORY PF12 NXTREC
```


CMD : ONGARD 11/22/02 15:03:59
OG6ACRE C102-DEDICATE ACREAGE OGOMES -TPEG
Page No : 1

API Well No : 30 45 24004 Eff Date : 04-30-1991
Pool Idn : 71599 BASIN DAKOTA (PRORATED GAS)
Prop Idn : 751 JOHNSON GAS COM C Well No : 001E
Spacing Unit : 31712 OCD Order : Simultaneous Dedication:
Sect/Twp/Rng : 7 29N 12W Acreage : 316.36 Revised C102? (Y/N) :
Dedicated Land:

S	Base	U/L	Sec	Twp	Rng	Acreage	L/W	Ownership	Lot	Idn
	C		7	29N	12W	40.00	N	FD		
	F		7	29N	12W	40.00	N	FD		
	K		7	29N	12W	40.00	N	FD		
D	1		7	29N	12W	39.13	N	FD		
N	10		7	29N	12W	39.86	N	FD		
M	11		7	29N	12W	38.95	N	FD		
E	2		7	29N	12W	39.19	N	FD		
L	3		7	29N	12W	39.23	N	FE		

E0005: Enter data to modify or PF keys to scroll

PF01 HELP	PF02	PF03 EXIT	PF04 GoTo	PF05	PF06 CONFIRM
PF07 BKWD	PF08 FWD	PF09	PF10 LAND	PF11 NXTSEC	PF12 RECONF

CMD : ONGARD 11/22/02 15:04:10
OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPEG
Page No: 1

OGRID Identifier : 778 BP AMERICA PRODUCTION COMPANY
Pool Identifier : 71599 BASIN DAKOTA (PRORATED GAS)
API Well No : 30 45 24004 Report Period - From : 01 2000 To : 10 2002

API Well No	Property Name	Prod.	Days	Production Volumes	Well		
		MM/YY	Prod	Gas	Oil	Water	Stat
30 45 24004	JOHNSON GAS COM C	01 00	31	647	25		F
30 45 24004	JOHNSON GAS COM C	02 00	29	837			F
30 45 24004	JOHNSON GAS COM C	03 00	31	2566			F
30 45 24004	JOHNSON GAS COM C	04 00	30	1832			F
30 45 24004	JOHNSON GAS COM C	05 00	31	1895		80	F
30 45 24004	JOHNSON GAS COM C	06 00	25	1460			F
30 45 24004	JOHNSON GAS COM C	07 00	31	1947	5		F

Reporting Period Total (Gas, Oil) :

M0025: Enter PF keys to scroll

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM
PF07 BKWD PF08 FWD PF09 PF10 NXTPOOL PF11 NXTOGD PF12

CMD : ONGARD 11/22/02 15:04:12
OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPEG
Page No: 2

OGRID Identifier : 778 BP AMERICA PRODUCTION COMPANY
Pool Identifier : 71599 BASIN DAKOTA (PRORATED GAS)
API Well No : 30 45 24004 Report Period - From : 01 2000 To : 10 2002

API Well No	Property Name	Prod.	Days	Production Volumes	Well
		MM/YY	Prod	Gas Oil Water	Stat
30 45 24004	JOHNSON GAS COM C	08 00	31	1628	80 F
30 45 24004	JOHNSON GAS COM C	09 00	30	1597	F
30 45 24004	JOHNSON GAS COM C	10 00	31	1470	65 F
30 45 24004	JOHNSON GAS COM C	11 00	30	1024	F
30 45 24004	JOHNSON GAS COM C	12 00	31		30 F
30 45 24004	JOHNSON GAS COM C	01 01	31	186	F
30 45 24004	JOHNSON GAS COM C	02 01	28	499	F

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM
PF07 BKWD PF08 FWD PF09 PF10 NXTPOOL PF11 NXTOGD PF12

CMD : ONGARD 11/22/02 15:04:14
 OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPEG
 Page No: 3

OGRID Identifier : 778 BP AMERICA PRODUCTION COMPANY
 Pool Identifier : 71599 BASIN DAKOTA (PRORATED GAS)
 API Well No : 30 45 24004 Report Period - From : 01 2000 To : 10 2002

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30 45 24004	JOHNSON GAS COM C	03 01 31		F
30 45 24004	JOHNSON GAS COM C	04 01 30		F
30 45 24004	JOHNSON GAS COM C	05 01 31		F
30 45 24004	JOHNSON GAS COM C	06 01 30		F
30 45 24004	JOHNSON GAS COM C	08 01 30	2844	F
30 45 24004	JOHNSON GAS COM C	09 01 30	2142 12 80	F
30 45 24004	JOHNSON GAS COM C	10 01 31	1653	F

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM
 PF07 BKWD PF08 FWD PF09 PF10 NXTPOOL PF11 NXTOGD PF12

CMD : ONGARD 11/22/02 15:04:15
 OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPEG
 Page No: 4

OGRID Identifier : 778 BP AMERICA PRODUCTION COMPANY
 Pool Identifier : 71599 BASIN DAKOTA (PRORATED GAS)
 API Well No : 30 45 24004 Report Period - From : 01 2000 To : 10 2002

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30 45 24004	JOHNSON GAS COM C	11 01 30	1280 5	F
30 45 24004	JOHNSON GAS COM C	12 01 31	1632	F
30 45 24004	JOHNSON GAS COM C	01 02 16	944 5 110	S
30 45 24004	JOHNSON GAS COM C	02 02 28	1057 2	F
30 45 24004	JOHNSON GAS COM C	03 02 31	1134	F
30 45 24004	JOHNSON GAS COM C	04 02 30	1389	F
30 45 24004	JOHNSON GAS COM C	05 02 31	1406 3 50	F

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM
 PF07 BKWD PF08 FWD PF09 PF10 NXTPOOL PF11 NXTOGD PF12

CMD : ONGARD 11/22/02 15:04:16
OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPEG
Page No: 5

OGRID Identifier : 778 BP AMERICA PRODUCTION COMPANY
Pool Identifier : 71599 BASIN DAKOTA (PRORATED GAS)
API Well No : 30 45 24004 Report Period - From : 01 2000 To : 10 2002

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30 45 24004	JOHNSON GAS COM C	06 02 23	1208	S
30 45 24004	JOHNSON GAS COM C	07 02 16	1125	F
30 45 24004	JOHNSON GAS COM C	08 02 31	1094	F

Reporting Period Total (Gas, Oil) : 36496 57 495

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM
PF07 BKWD PF08 FWD PF09 PF10 NXTPool PF11 NXTOGD PF12