



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. 1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-132

Revised 10/1/86

Copy  
TF-02-016

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

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

NOV 20 2002

OIL CONSERVATION DIV.

02 NOV 20 PM 2:00

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**

*NPI No. 30-045-24004*

FOR DIVISION USE ONLY
<input checked="" type="checkbox"/> Approved
<input type="checkbox"/> 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
<i>[Signature]</i> EXAMINER



**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	0711			
60					
60					
60					
<b>TOTAL</b>			25.00		

By KV



# 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:

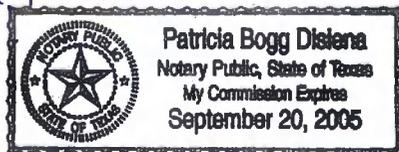
- a well the surface drilling of which began after December 31, 1979, but before January 1, 1993;
- a recompletion commenced after January 1, 1993, the surface drilling of which began after December 31, 1979, but before January 1, 1993; or
- a recompletion commenced after December 31, 1979 but before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



My Commission Expires:

BLM Affidavit

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LAND OFFICE	
OPERATOR	

W

Form C-105  
Revised 11-1-78

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.

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

1a. TYPE OF WELL  
OIL WELL  GAS WELL  DRY  OTHER \_\_\_\_\_

b. TYPE OF COMPLETION  
NEW WELL  WORK OVER  DEEPEN  PLUG BACK  DIFF. RESVR.  OTHER \_\_\_\_\_

2. Name of Operator  
Amoco Production Company

3. Address of Operator  
501 Airport Drive, Farmington, NM 87401 API 30-045-24004

4. Location of Well  
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 3-20-80 16. Date T.D. Reached 3-29-80 17. Date Compl. (Ready to Prod.) 5-31-80

18. Elevations (DF, RAB, 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: Rotary Tools \_\_\_\_\_ Cable Tools \_\_\_\_\_  
O-TD

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. Was Directional Survey Made  
No

26. Type Electric and Other Logs Run  
\*Induction Electric; FDC-CNL; Gamma Ray

27. Was Well Cored  
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

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

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

31. 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.

33. PRODUCTION

Date First Production \_\_\_\_\_ Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing Well Status (Prod. or Shut-in) 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.) To Be Sold Test Witnessed By \_\_\_\_\_

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 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 10 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 <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 Qtzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn <u>5990</u>	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota <u>6039</u>	T. _____
T. Blinbry _____	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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LAND OFFICE		
OPERATOR		

NEW MEXICO OIL CONSERVATION COMMISSION

RECEIVED  
JUL 7 1980  
FARMINGTON DISTRICT

DS.  
DAS  
DE

WF

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'.

Abandoned 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 - L.P.M.C.



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 S. Chazy TITLE SUPERVISOR DISTRICT #5 DATE JUN 26 1980

CONDITIONS OF APPROVAL, IF ANY:

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

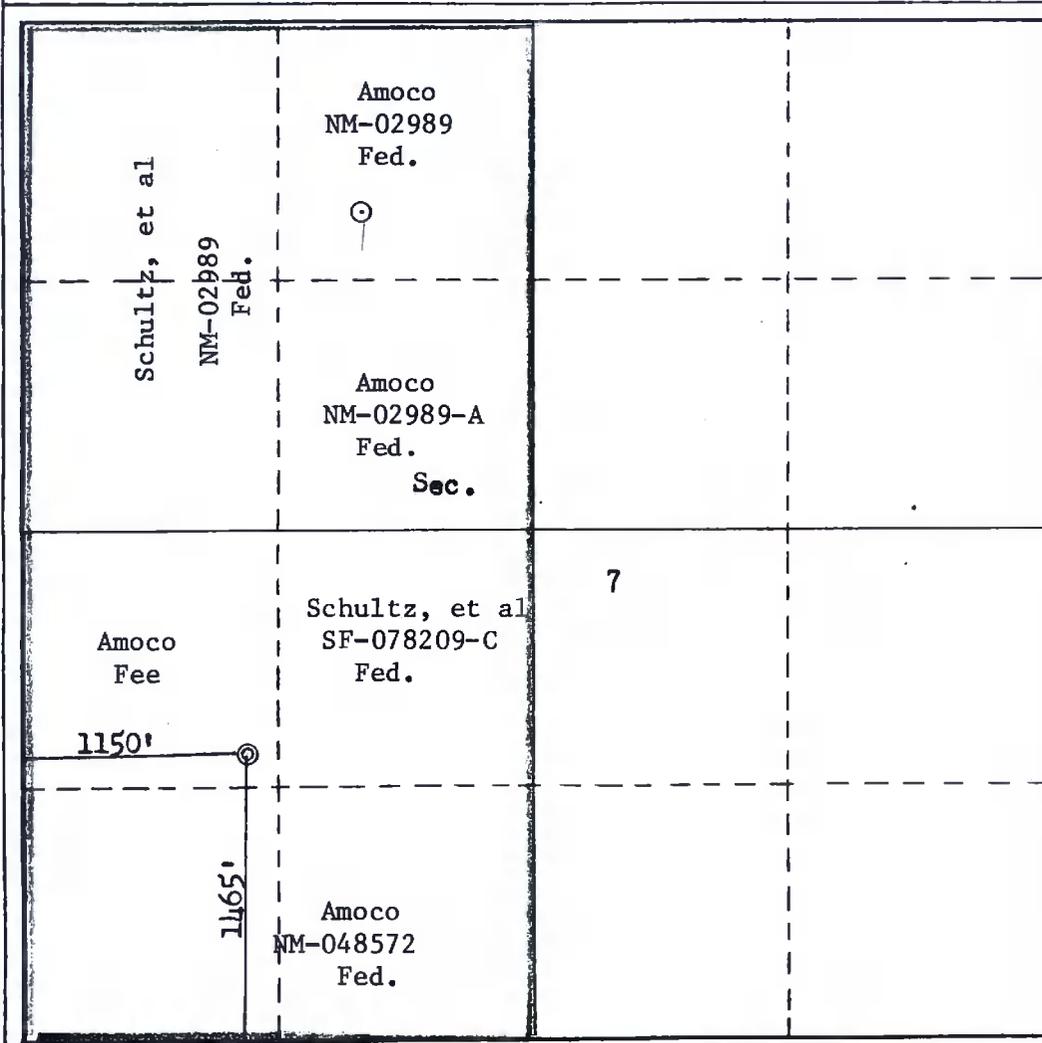
Operator <b>AMOCO PRODUCTION COMPANY</b>		Lease <b>JOHNSON GAS COM "C"</b>		Well No. <b>I-E</b>
Unit Letter <b>L</b>	Section <b>7</b>	Township <b>29N</b>	Range <b>12W</b>	County <b>San Juan</b>
Actual Footage Location of Well: <b>1165</b> feet from the <b>South</b> line and <b>1150</b> feet from the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

**B. KERR, JR.**

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: **1465' FSL x 1150' FWL**  
**NW SW**  
 SEC **7** TWP **29N** RGE **12W**  
 Other Services: **IEL/GR**

Permanent Datum **GROUND LEVEL** Elev. **5564** KB **5571**  
 Measured from **K.B.** 13 Ft. Above Permanent Datum DF **5576**  
 Logging Measured from **K.B.** GL **5564**

Run No.	3-29-80	One
Driller	6295	
Logger	6294	
Logged Interval		
Fluid	9.5	7.3
Temp. deg F.	148	
Flowline		
n @ Meas. Temp.	2.7 @ 60	
n @ Meas. Temp.	4.1 @ 54	
n @ Meas. Temp.	2.6 @ 60	
Source Rmc	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	85/8	24	Surface	316	
2	7 7/8		316	6295				

EQUIPMENT DATA

RUN NO.	LOGGING UNIT	LOCATION	GAMMA RAY		DENSITY			SIDE WALL NEUTRON		
			TOOL NO.	TOOL NO.	Source No.	TYPE	STG.	TOOL NO.	Source No.	TYPE
One	7518	29-062	4119	2383	CSV478	Cs 137	2 Curie	7136	71-1-188	Ambe24

CALIBRATION DATA

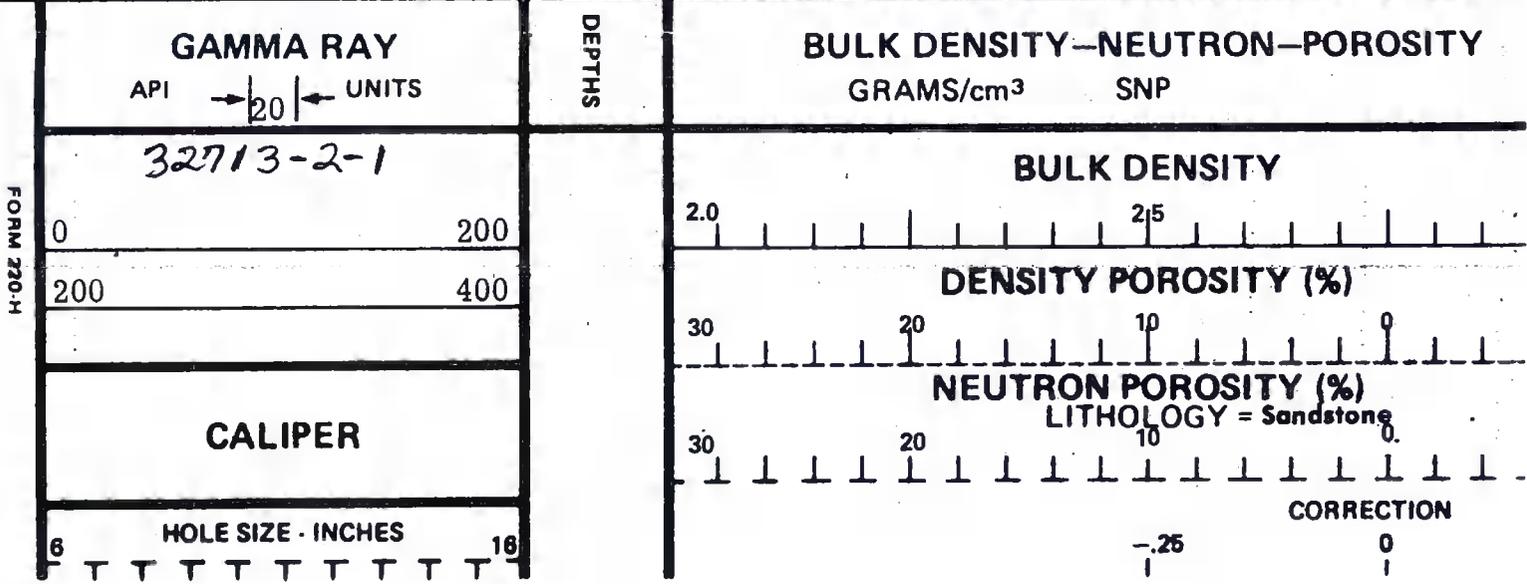
RUN NO.	GAMMA RAY		DENSITY						SIDE WALL NEUTRON				
	BKG. CPS	STD CPS	MAGNESIUM		ALUMINUM		TEST BLOCK		CALIPER	BKG. CPS	Calibrator CPS		
			LS	SS	LS	SS	LS	SS					
One	29	138	1065.5	563.6	239.1	389.9	239	390	6	12	4	288	6

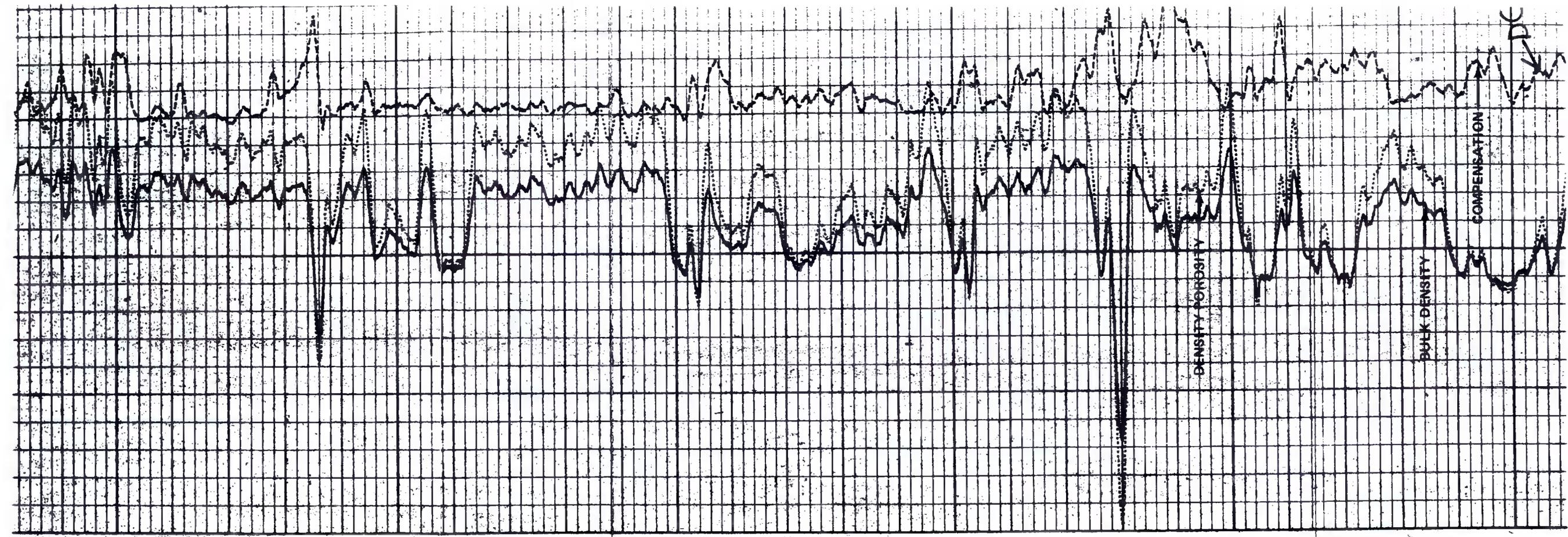
LOGGING DATA

RUN NO.	GENERAL		GAMMA RAY		DENSITY			SIDE WALL NEUTRON							
	DEPTH		TC	API/CD	TC	MATRIX DENSITY	FLUID DENSITY	TC	MATRIX TYPE	A	FIXED BIAS	TEMP. GRAD.	SALTS NA CL PPM	MU WT	
	FROM	TO													SPEED FPM
1	6292	316	30	3	20	3	2.65	1.00	3	S.S.	30.882	.0943	1.0	2400	9.3

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.

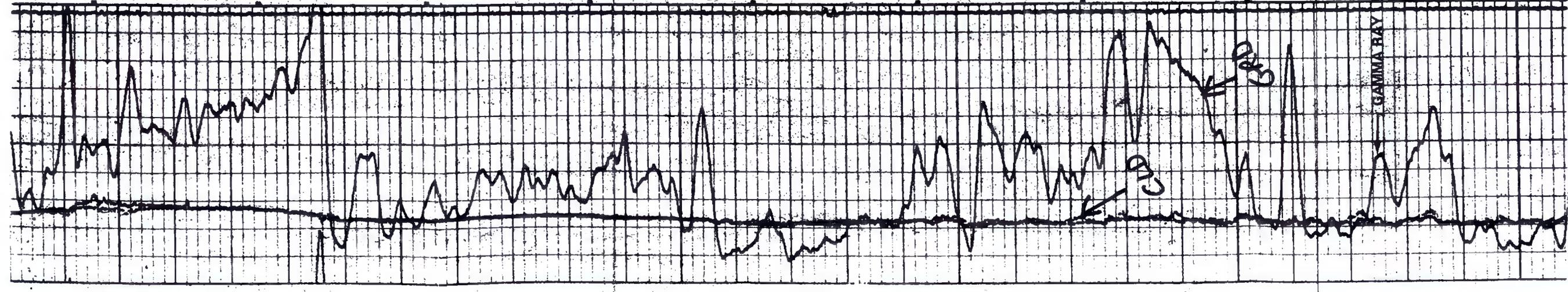




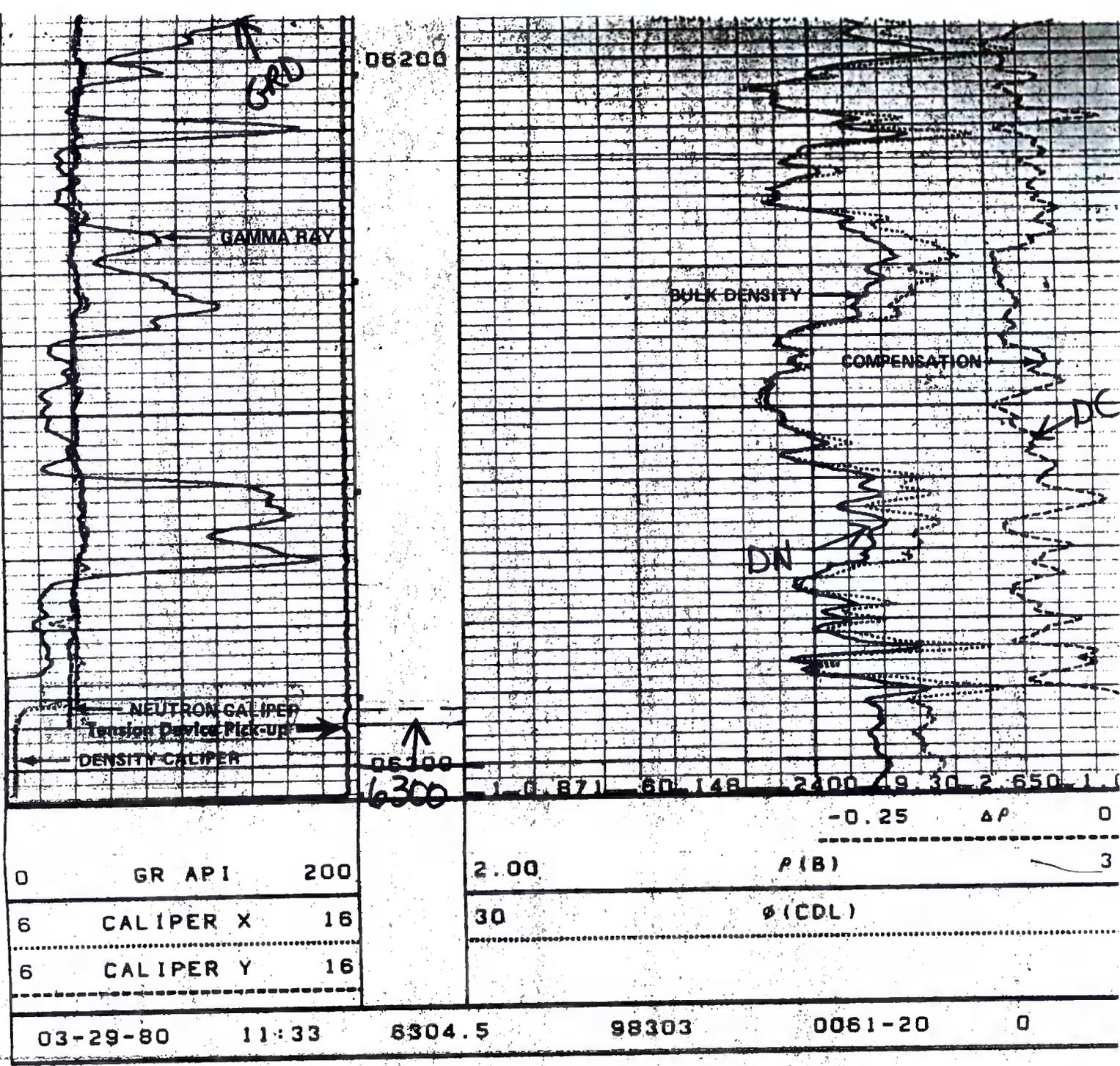
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06100

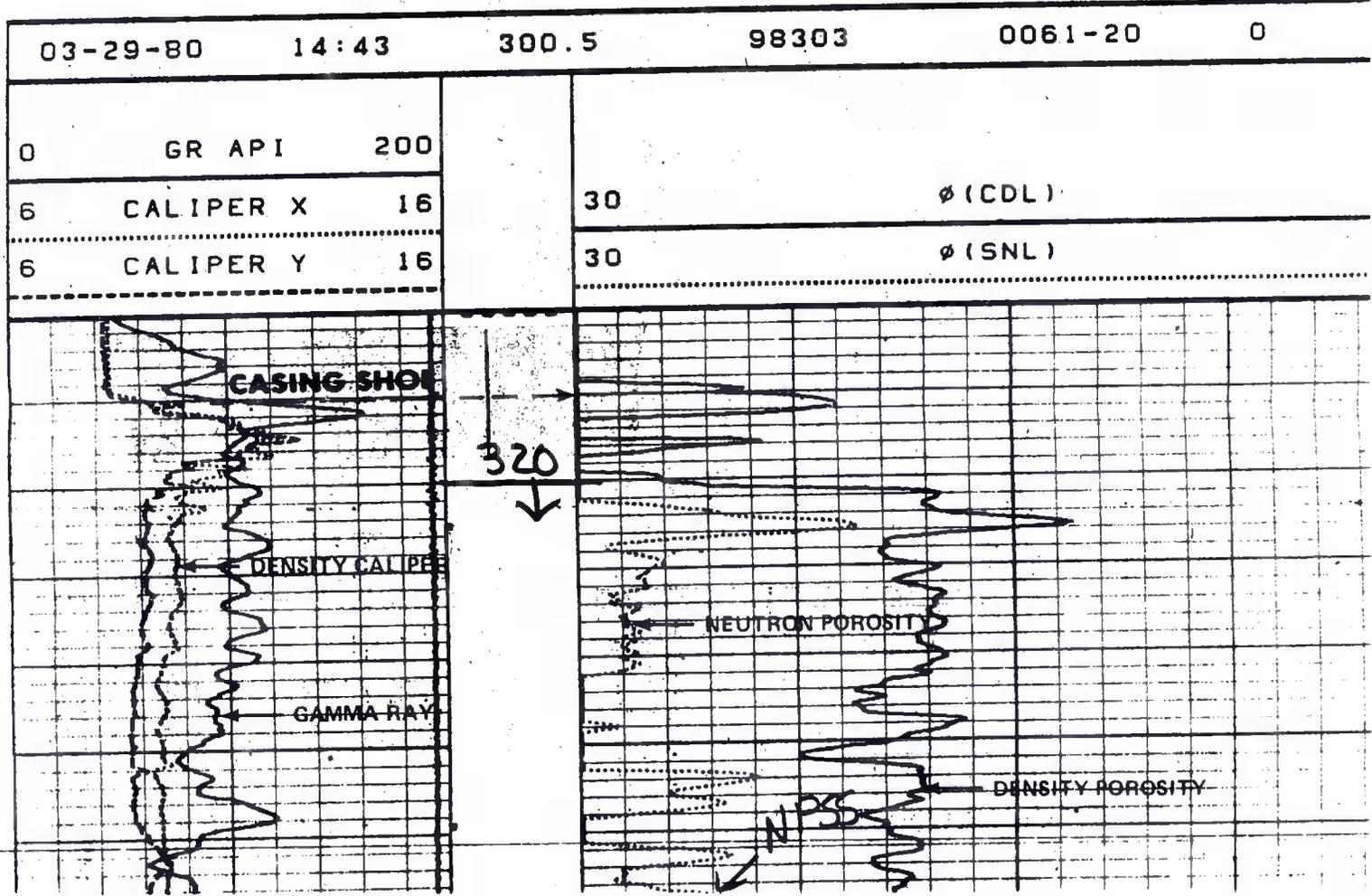
06200



GAMMA RAY



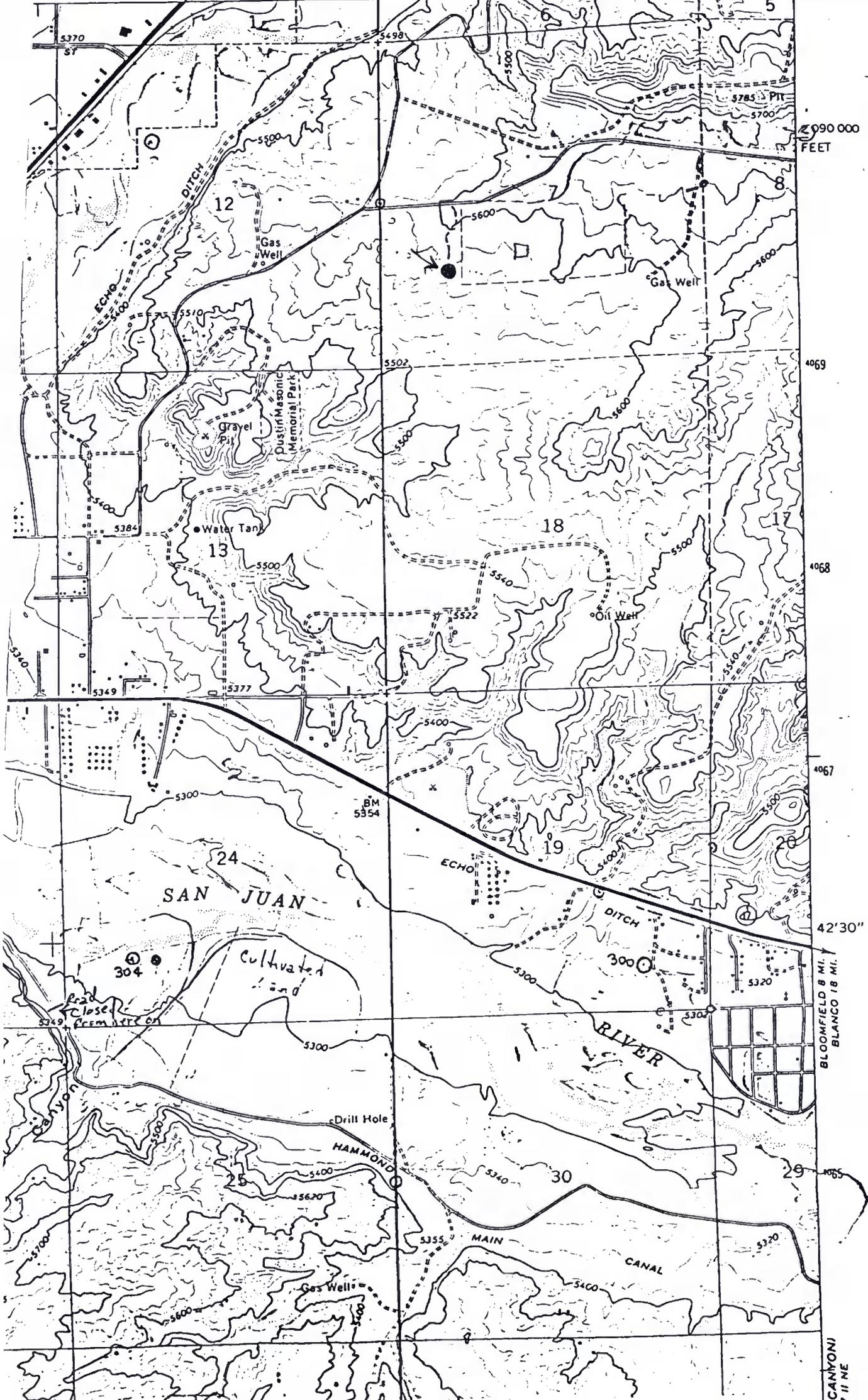
32713-2-3



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

4357 1 SE  
 (FLORA VISTA)

DURANGO, COLO. 47 MI. AZTEC 11 MI. 550 754 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

(HORN CANYON)  
 4357 11 NE



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.

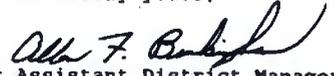
Included with this designation is a letter dated January 5, 1993, from the New Mexico Oil Conservation Division, signed by Michael E. Stogner, Chief Hearing Officer, signifying their concurrence with this designation.

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 10 09 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

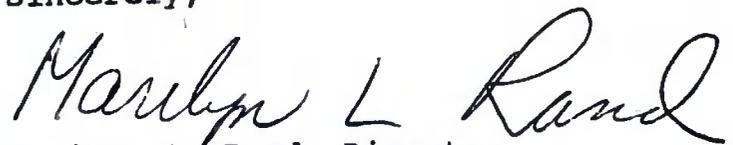
Re: Tight Formation Determination  
New Mexico-36  
Dakota Formation  
FERC No. JD93-02898T

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 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) 736-8255.

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. JD93-02898T 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 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, Sections 1-36: All  
Township 27 North, Range 30 East, Sections 1-36: All  
Township 29 North, Range 30 East, Sections 1-36: All  
Township 30 North, Range 30 East, Sections 1-36: All  
Township 29 North, Range 31 East, Sections 1-36: All  
Township 30 North, Range 31 East, Sections 1-36: All  
Township 31 North, Range 30 East, Sections 1-36: All  
Township 32 North, Range 30 East, Sections 1-36: All  
Township 27 North, Range 31 East, Sections 1-7: All  
Township 28 North, Range 31 East, Sections 8-9: N/2  
Township 31 North, Range 31 East, Sections 10-15: All  
Township 32 North, Range 31 East, Sections 16-21: All  
Township 33 North, Range 31 East, Sections 22-33: All  
Township 32 North, Range 32 East, Sections 24-33: All  
Township 27 North, Range 32 East, Sections 1-7: All  
Township 28 North, Range 32 East, Sections 8-9: N/2  
Township 31 North, Range 32 East, Sections 10-15: All  
Township 32 North, Range 32 East, Sections 16-27: All  
Township 27 North, Range 33 East, Sections 1-2: All  
Township 28 North, Range 33 East, Sections 3 and 10: E/2  
Township 31 North, Range 33 East, Sections 11-13: All  
Township 28 North, Range 34 East, Sections 10-15: All  
Township 29 North, Range 34 East, Sections 16-27: All  
Township 30 North, Range 34 East, Sections 28-36: All  
Township 29 North, Range 35 East, Sections 1-3: All  
Township 30 North, Range 35 East, Sections 4-15: All  
Township 31 North, Range 35 East, Sections 16-28: All  
Township 32 North, Range 35 East, Sections 29 and 32: E/2  
Township 33 North, Range 35 East, Sections 33-36: All  
Township 31 North, Range 36 East, Section 13: All  
Township 32 North, Range 36 East, Sections 14-27: All  
Township 33 North, Range 36 East, Sections 28-36: All  
Township 30 North, Range 37 East, Sections 1-36: All



OIL CONSERVATION DIVISION  
RECEIVED

'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

State of New Mexico  
 Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION  
 RECEIVED  
 '90 AUG 22 AM 10 46  
 Form C-104  
 Revised 1-1-89  
 See Instructions  
 at Bottom of Page

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

DISTRICT II  
 P.O. Drawer DD, Artesia, NM 88210  
 DISTRICT III  
 1000 Rio Brazos Rd., Aztec, NM 87410

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

Operator <b>AMOCO PRODUCTION COMPANY</b>		Well API No. <b>300452400400</b>
Address <b>P.O. BOX 800, DENVER, COLORADO 80201</b>		
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 <b>JOHNSON GAS COM C</b>	Well No. <b>1E</b>	Pool Name, including Formation <b>BASIN DAKOTA (PROVED GAS)</b>	Kind of Lease State, Federal or Fee	Lease No.
Location				
Unit Letter <b>L</b>	<b>1465</b>	Feet From The <b>FSL</b>	Line and <b>1150</b>	Feet From The <b>FWL</b>
Section <b>07</b>	Township <b>29N</b>	Range <b>12W</b>	<b>NMPM,</b>	County <b>SAN JUAN</b>

**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)			
<b>MERIDIAN OIL INC.</b>	<b>3535 EAST 30TH STREET, FARMINGTON, CO 87401</b>			
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)			
<b>EL PASO NATURAL GAS COMPANY</b>	<b>P.O. BOX 1492, EL PASO, TX 79978</b>			
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	
<b>TUBING, CASING AND CEMENTING RECORD</b>								
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 WELL**

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

**OIL CON. DIV**  
**DIST. 3**

**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 Title  
 June 25, 1990 303-830-4280  
 Date Telephone No.

**OIL CONSERVATION DIVISION**

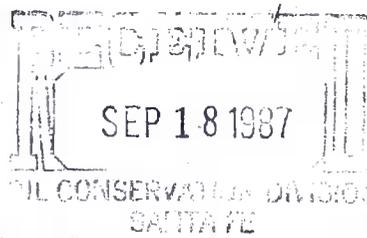
Date Approved **JUL 5 1990**

By *[Signature]*  
 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



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

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

I. Operator  
Amoco Production Company

Address  
501 Airport Drive Farmington, NM 87401

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

New Well  
 Recompletion  
 Change in Ownership

Change in Transporter of:  
 Oil  
 Condensate Gas  
 Dry Gas  
 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 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 L Sec. 7 Twp. 29N Rge. 12W Is gas actually connected?  When

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.

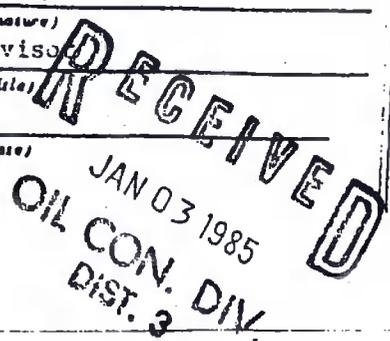
VI. CERTIFICATE OF COMPLIANCE

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.

BDS Shaw  
(Signature)

Admin. Supervisor

1-2-85  
(Date)



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 110A.  
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. OF LOTS SURVEYED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.A.	
LAND OFFICE	
TRANSPORTER	OIL
	GAS
OPERATOR	
PROBATION OFFICE	

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

RECEIVED  
JAN 10 1985  
OIL CONSERVATION DIVISION  
Form C-104  
Revised 10-01-78  
Format 06-01-83  
Page 1

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)

<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 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. Rgs. 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

1-2-85  
(Date)

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

OIL CONSERVATION DIVISION

APPROVED Charles Johnson 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 filed 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	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

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.)

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  
 15. Elevation (Show whether DF, RT, GR, etc.)  
 5564' GL  
 12. County  
 San Juan

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  
 12. County  
 San Juan

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
FORM REMEDIAL WORK <input checked="" 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"/>
REPAIR OR ALTER CASING <input type="checkbox"/>	OTHER <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.

BY B. J. Roberson TITLE Admin. Supvr. DATE 11-18-82

APPROVED BY Frank J. Day TITLE SUPERVISOR DISTRICT # 3 DATE NOV 24 1982

CONDITIONS OF APPROVAL, IF ANY:

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

LEASE AND WELL Johnson Gas Conn Circle FIELD Basin

FORMATION Dakota LOGS SP-GR-1EL-FDC-PNL

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

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

CSG. 8 5/8" 124 # K-55 @ 310; 4.5" 11.6 @ 10.5 # R-55 @ 6278

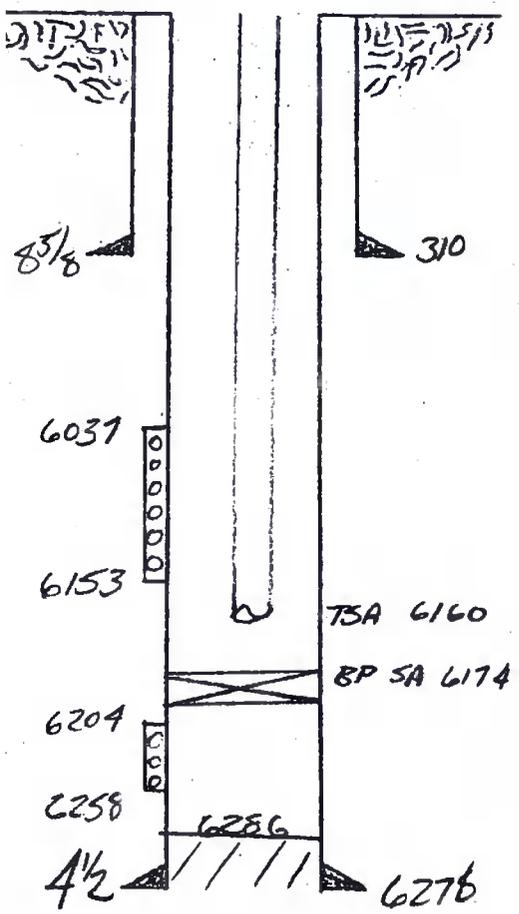
COMP. INT. 6037 - 6258 ORIG. STIM. Two stage 40+ XLINK Frac

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  
Operator

Johnson Gas Com C #1-E  
Well Name

93-781-01                      73867-51  
Meter Code                      Site Code

L                                      7-29-12  
Well Unit                              S-T-R

Basin Dakota  
Pool

El Paso Natural Gas Company  
Name of Purchaser

WAS MADE ON 6-26-81  
Date

FIRST DELIVERY 7-6-81  
Date

AOF 820

CHOKE 761

El Paso Natural Gas Company  
Purchaser

*A. M. ...*  
Representative

Chief Dispatcher  
Title

cc: 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 <b>Johnson Gas Com "C"</b>	Well No. <b>1E</b>	Pool Name, Including Formation <b>Basin Dakota</b>	Kind of Lease State, Federal or Fee <b>Fee</b>	Lease No.
Location Unit Letter <b>L</b> ; <b>1465</b> Feet From The <b>South</b> Line and <b>1150</b> Feet From The <b>West</b> Line of Section <b>7</b> Township <b>29N</b> Range <b>12W</b> , NMPM, <b>San Juan</b> 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"/> <b>Plateau Incorporated</b>	Address (Give address to which approved copy of this form is to be sent) <b>4775 Indian School Rd. NE, Albuquerque, NM 87111</b>
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/> <b>El Paso Natural Gas Company</b>	Address (Give address to which approved copy of this form is to be sent) <b>P.O. Box 990, Farmington, NM 87401</b>
If well produces oil or liquids, give location of tanks. Unit <b>L</b> Sec. <b>7</b> Twp. <b>29N</b> Rge. <b>12W</b>	Is gas actually connected? <b>No</b> 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.
		<b>X</b>	<b>X</b>					
Date Spudded <b>3-20-80</b>	Date Compl. Ready to Prod. <b>5-31-80</b>	Total Depth <b>6294'</b>	P.B.T.D. <b>6286'</b>					
Elevations (DF, RKB, RT, GR, etc.) <b>5564' GL</b>	Name of Producing Formation <b>Dakota</b>	Top Oil/Gas Pay <b>6037'</b>	Tubing Depth <b>6263'</b>					
Perforations <b>6037-6040, 6046-6054, 6057-6063, 6099-6102, 6107-6114, 6118-6142, 6149-6153, 6204-6208, 6214-6222, 6240-6258</b>						Depth Casing Shoe <b>6294'</b>		
<b>TUBING, CASING, AND CEMENTING RECORD</b>								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			
<b>12 1/4"</b>	<b>8 5/8"</b>		<b>310'</b>		<b>315 SX</b>			
<b>7 7/8"</b>	<b>4 1/2"</b>		<b>6294'</b>		<b>1340 SX</b>			
	<b>2 3/8"</b>		<b>6263'</b>					

**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	Choke Size
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	

**GAS WELL**

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

**I. CERTIFICATE OF COMPLIANCE**

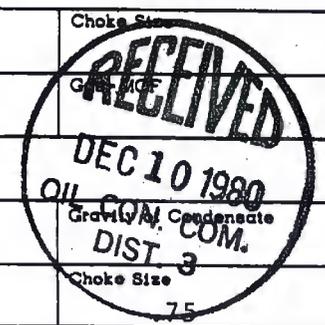
I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

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

**OIL CONSERVATION COMMISSION**  
**DEC 10 1980**

APPROVED: \_\_\_\_\_, 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



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

Form C-105  
Revised 11-1-78

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.

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

1. TYPE OF WELL  
OIL WELL  GAS WELL  DRY  OTHER \_\_\_\_\_

2. TYPE OF COMPLETION  
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

3. BY LETTER L LOCATED 1465 FEET FROM THE South LINE AND 1150 FEET FROM \_\_\_\_\_

4. East LINE OF SEC. 7 TWP. 29N RGE. 12W NMPM \_\_\_\_\_

12. County  
San Juan

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 Rotary Tools Cable Tools  
O-TD

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. Was Directional Survey Made  
No

26. Type Electric and Other Logs Run  
\*Induction Electric; FDC-CNL; Gamma Ray

27. 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

30. TUBING RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	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) Flowing Well Status (Prod. or Shut-in) Shut-In

33. Date of Test 11-6-80 Hours Tested 3 Hrs. Choke Size .75 Prod'n. For Test Period \_\_\_\_\_ Oil - Bbl. \_\_\_\_\_ Gas - MCF 95 Water - Bbl. \_\_\_\_\_ Oil Ratio \_\_\_\_\_

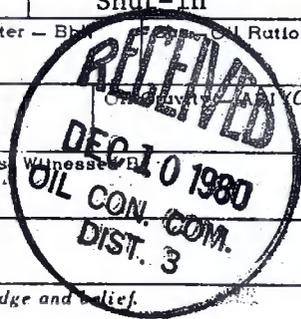
34. Flowing Tubing Press. 54 Casing Pressure 426 Calculated 24-Hour Rate \_\_\_\_\_ Oil - Bbl. \_\_\_\_\_ Gas - MCF 761 Water - Bbl. \_\_\_\_\_ Oil Ratio \_\_\_\_\_

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 J. 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 Qtzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn <u>5990</u>	T. Granite _____
T. Paddock _____	T. Ellenburger _____	<u>6039</u>	T. _____
T. Blinebry _____	T. Gr. Wash _____	T. Dakota _____	T. _____
T. Tubb _____	T. Granite _____	T. Morrison _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Todilto _____	T. _____
T. Abo _____	T. Bone Springs _____	T. Entrada _____	T. _____
T. Wolfcamp _____	T. _____	T. Wingate _____	T. _____
T. Penn. _____	T. _____	T. Chinle _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Permian _____	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		
Completion Date 6-1-80		Total Depth 6295		Plug Back TD 6286	Elevation 5564
Farm or Lease Name Johnson Gas Com "C"		Well No. 1E			
Csq. Size 4.500	Wt. 10.5	d 4052	Set At 6276	Perforations: From 6037 To 6258	
Tbg. 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		County San Juan
Producing Thru Tubing		Reservoir Temp. °F #		Mean Annual Temp. °F #	
Baro. Press. - P <sub>a</sub>		State New Mexico			
L	H	G <sub>g</sub>	% CO <sub>2</sub>	% N <sub>2</sub>	% H <sub>2</sub> 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. hw	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		750				54	426			
2.											
3.											
4.											
5.											

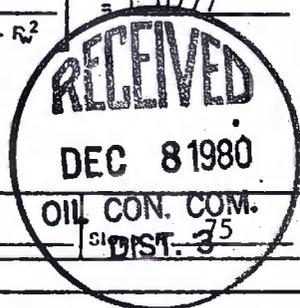
RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P <sub>m</sub>	Flow Temp. Factor Ft.	Gravity Factor F <sub>g</sub>	Super Compress. Factor, F <sub>pv</sub>	Rate of Flow Q, Mcfd
1	12.365		66	1.000	.9258	1.007	761
2.							
3.							
4.							
5.							

NO.	P <sub>r</sub>	Temp. °R	T <sub>r</sub>	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 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 <sub>c</sub> 1402    P <sub>c</sub> <sup>2</sup> 1965604			
NO.	P <sub>r</sub> <sup>2</sup>	P <sub>w</sub> <sup>2</sup>	P <sub>r</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>
1		432	186624
2			
3			
4			
5			

(1)  $\frac{P_c^2}{P_r^2 - P_w^2} = 1.1049$     (2)  $\left[ \frac{P_c^2}{P_r^2 - P_w^2} \right]^n = 1.0777$

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



Absolute Open Flow 820 Mcfd @ 15.025    Angle of Slope  $\phi$  \_\_\_\_\_

Remarks: \_\_\_\_\_

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

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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 **L** **1465** FEET FROM THE **South** LINE AND **1150** FEET FROM THE **West** LINE, SECTION **7** TOWNSHIP **29N** RANGE **12W** NMPM.

10. Field and Pool, or Wildcat  
**Basin Dakota**

7. Unit Agreement Name  
8. Farm or Lease Name  
**Johnson Gas Com "C"**

9. Well No.  
**1E**

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:

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

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'.

Abandoned 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 CC Svoboda 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:

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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 <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  GAS WELL  OTHER- INFILL

Name of Operator  
AMOCO PRODUCTION COMPANY

Address of Operator  
501 Airport Drive, Farmington, New Mexico 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, CR, 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

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.

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



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

SIGNED BE. Jaehull 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:

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

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

a. Type of Work

b. Type of Well  
 DRILL  DEEPEN  PLUG BACK   
 OIL WELL  GAS WELL  OTHER INFILL SINGLE ZONE  MULTIPLE ZONE

5A. Indicate Type of Lease  
 STATE  FEE   
 5. State Oil & Gas Lease No.

Name of Operator  
**AMOCO PRODUCTION COMPANY**

7. Unit Agreement Name  
 8. Firm or Lease Name  
**Johnson Gas Com "C"**

Address of Operator  
**501 Airport Drive, Farmington, New Mexico 87401**

9. Well No.  
**1E**

Location of Well  
 UNIT LETTER **L** LOCATED **1465** FEET FROM THE **South** LINE  
**1150'** FEET FROM THE **West** LINE OF SEC. **7** TWP. **29N** RGE. **12W** NMAPM

10. Field and Pool, or Wildcat  
**Basin Dakota**

12. County  
**San Juan**

19. Proposed Depth <b>6614'</b>	19A. Formation <b>Dakota</b>	20. Rotary or C.T. <b>Rotary</b>
21. Elevations (Show whether DJ, RT, etc.) <b>5564' GL</b>	21A. Kind & Status Plug. Bond <b>Statewide</b>	21B. Drilling Contractor <b>Unknown</b>
		22. Approx. Date Work will start <b>12/30/79</b>

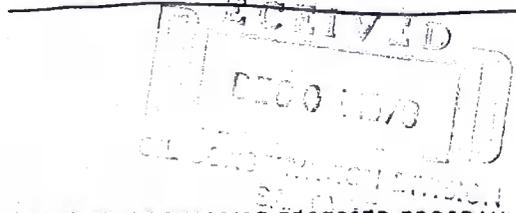
3. PROPOSED CASING AND CEMENT PROGRAM

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

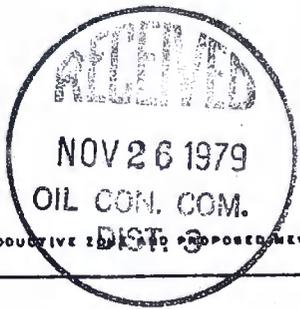
Amoco proposes to drill the above well to further develop the Basin Dakota reservoir. The well will be drilled to the surface casing point using native mud. The well will then be drilled to TD with a low solids nondispersed mud system. Completion design will be based on open hole logs. Copy of all logs 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 2-24-80



ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTION 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. E. Jackell Title District Engineer Date November 21, 1979

(This space for State Use)  
 PROVED BY Frank S. 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.

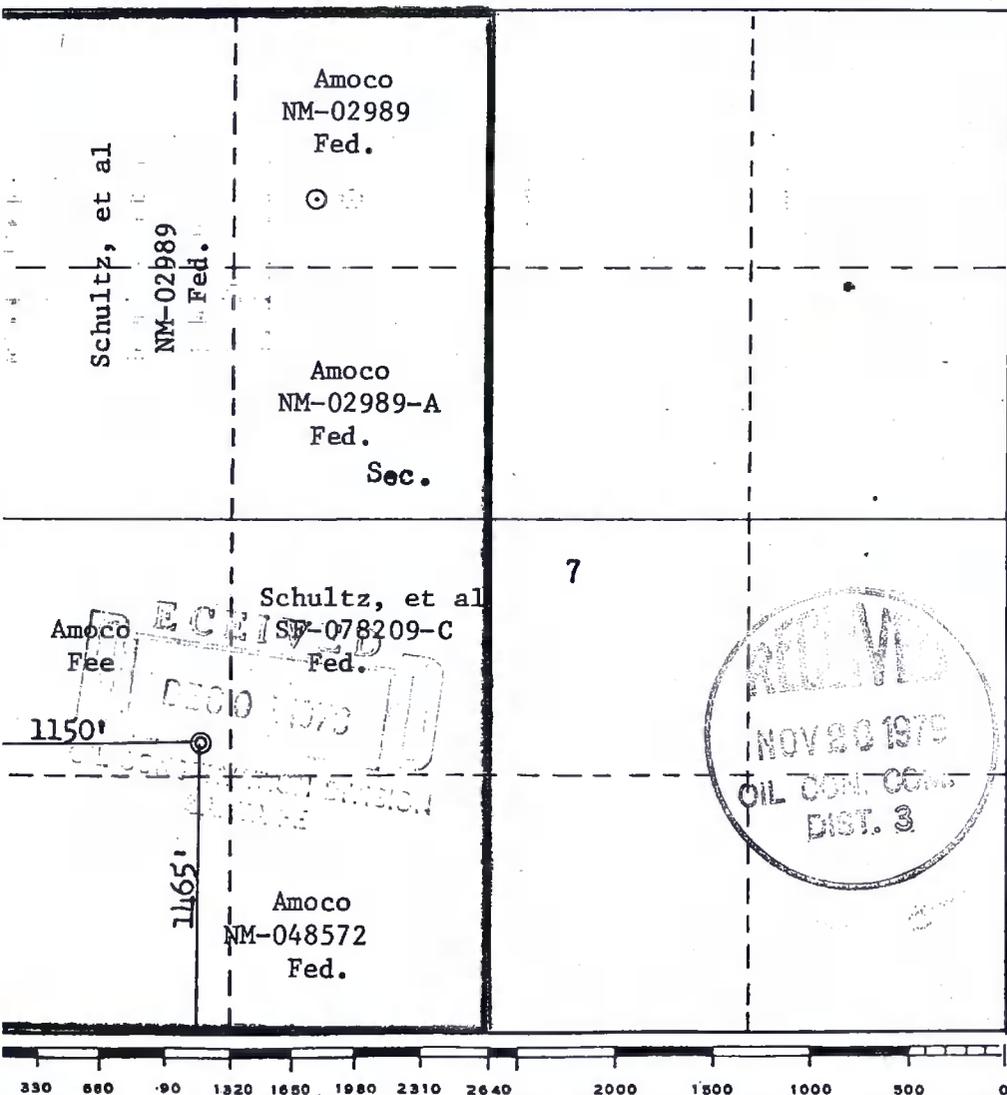
Operator <b>AMOCO PRODUCTION COMPANY</b>			Lease <b>JOHNSON GAS COM "C"</b>		Well No. <b>I-E</b>
Well Letter <b>L</b>	Section <b>7</b>	Township <b>29N</b>	Range <b>12W</b>	County <b>San Juan</b>	
Actual Footage Location of Well: <b>1165</b> feet from the <b>South</b> line and <b>1150</b> feet from the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

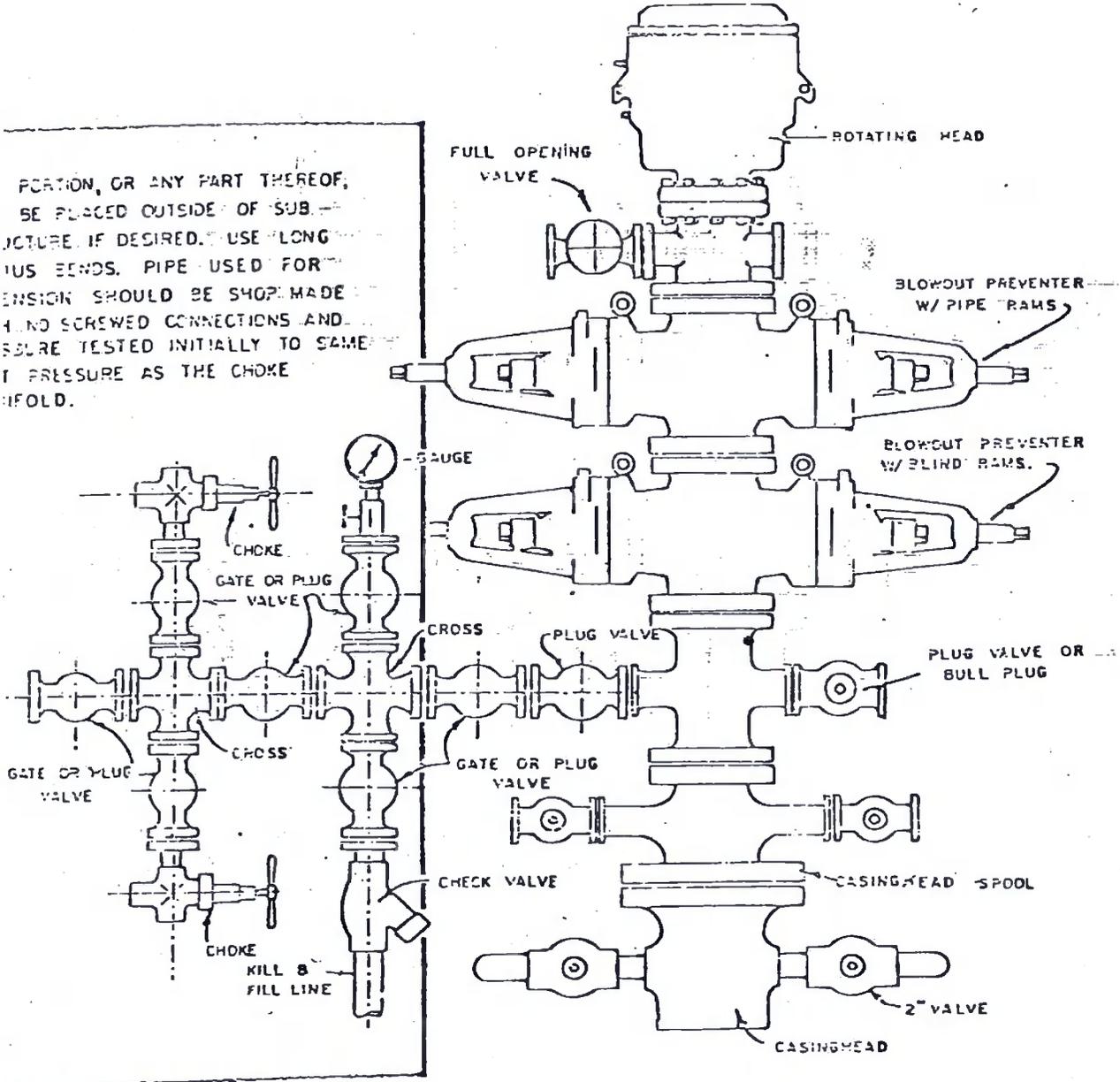
If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

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.



<b>CERTIFICATION</b>	
<i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i>	
Name	<b>B. E. FACKRELL</b>
Position	<b>DISTRICT ENGINEER</b>
Company	<b>AMOCO PRODUCTION COMPANY</b>
Date	<b>NOVEMBER 20, 1979</b>
<i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.</i>	
Date Surveyed	<b>November 13, 1979</b>
Registered Professional Engineer and/or Land Surveyor  <b>Fred B. Kerr, Jr.</b> Certificate No. <b>3950</b>	

PORTION, OR ANY PART THEREOF,  
 BE PLACED OUTSIDE OF SUB.  
 JOINTURE IF DESIRED. USE LONG  
 TUBULAR ENDS. PIPE USED FOR  
 CONNECTION SHOULD BE SHOP MADE  
 AND NO SCREWED CONNECTIONS AND  
 SHOULD BE TESTED INITIALLY TO SAME  
 PRESSURE AS THE CHOKER  
 FOLD.



BLOWOUT PREVENTER HOOKUP

Petroleum Information  
Corporation  
GEO-FACTS™

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-FACTS™

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

PF01 HELP    PF02            PF03 EXIT    PF04 GoTo    PF05            PF06  
PF07 BKWD   PF08 FWD      PF09 PRINT   PF10 SDIV     PF11            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  Fee owned A A A	K 40.00  Federal owned	J 40.00  Federal owned	7 40.40  Federal owned
11 38.95  Federal owned	10 39.86  Federal owned	9 40.16  Federal owned A	8 40.44  Federal owned

PF01 HELP    PF02            PF03 EXIT    PF04 GoTo    PF05            PF06  
PF07 BKWD   PF08 FWD      PF09 PRINT   PF10 SDIV     PF11            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 Stat
		MM/YY	Prod	Gas	Oil	Water	
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 MM/YY Prod	Production Volumes Gas Oil Water	Well 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	Prod. Days	Production Volumes	Well
		MM/YY Prod	Gas Oil Water	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