

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

# NEW MEXICO OIL CONSERVATION COMMISSION

30-045-20972

Form C-101  
Revised 1-1-65

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

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name <b>Jaquez Gas Com "F"</b>	
2. Name of Operator <b>AMOCO PRODUCTION COMPANY</b>		9. Well No. <b>1</b>	
3. Address of Operator <b>501 Airport Drive, Farmington, New Mexico 87401</b>		10. Field and Pool, or Wildcat <b>Blanco Pictured Cliffs</b>	
4. Location of Well UNIT LETTER <b>K</b> LOCATED <b>1620</b> FEET FROM THE <b>South</b> LINE AND <b>1720</b> FEET FROM THE <b>West</b> LINE OF SEC. <b>4</b> TWP. <b>29N</b> RGE. <b>9W</b> NMPM		12. County <b>San Juan</b>	
19. Proposed Depth <b>2270'</b>		19A. Formation <b>Pictured Cliffs</b>	
20. Rotary or C.T. <b>Rotary</b>		21. Elevations (Show whether DE, RT, etc.) <b>Will report later</b>	
21A. Kind & Status Plug. Bond <b>Statewide</b>		21B. Drilling Contractor <b>Signal</b>	
22. Approx. Date Work will start <b>June 1972</b>			

### 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#	200'	200 sx	Surface
7-7/8"	4-1/2"	9.5#	2270'	500 sx	Surface

It is intended to drill the above Blanco Pictured Cliffs well to a TD of 2270' with rotary tools and drilling mud whereupon casing will be run to TD. Completion procedure will be based upon log analysis. A copy of the Location and Acreage Dedication Plat is attached. A copy of the logs will be sent upon completion.

APPROVAL VALID  
FOR 90 DAYS UNLESS  
DRILLING COMMENCED,

EXPIRES 8-24-72



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

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

Signed J. ARNOLD SNELL Title Area Engineer Date May 25, 1972

(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR DIST. #3 DATE MAY 26 1972

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-132  
Supersedes C-128  
Effective 1-1-65

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

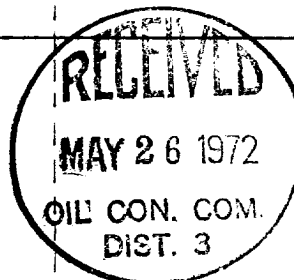
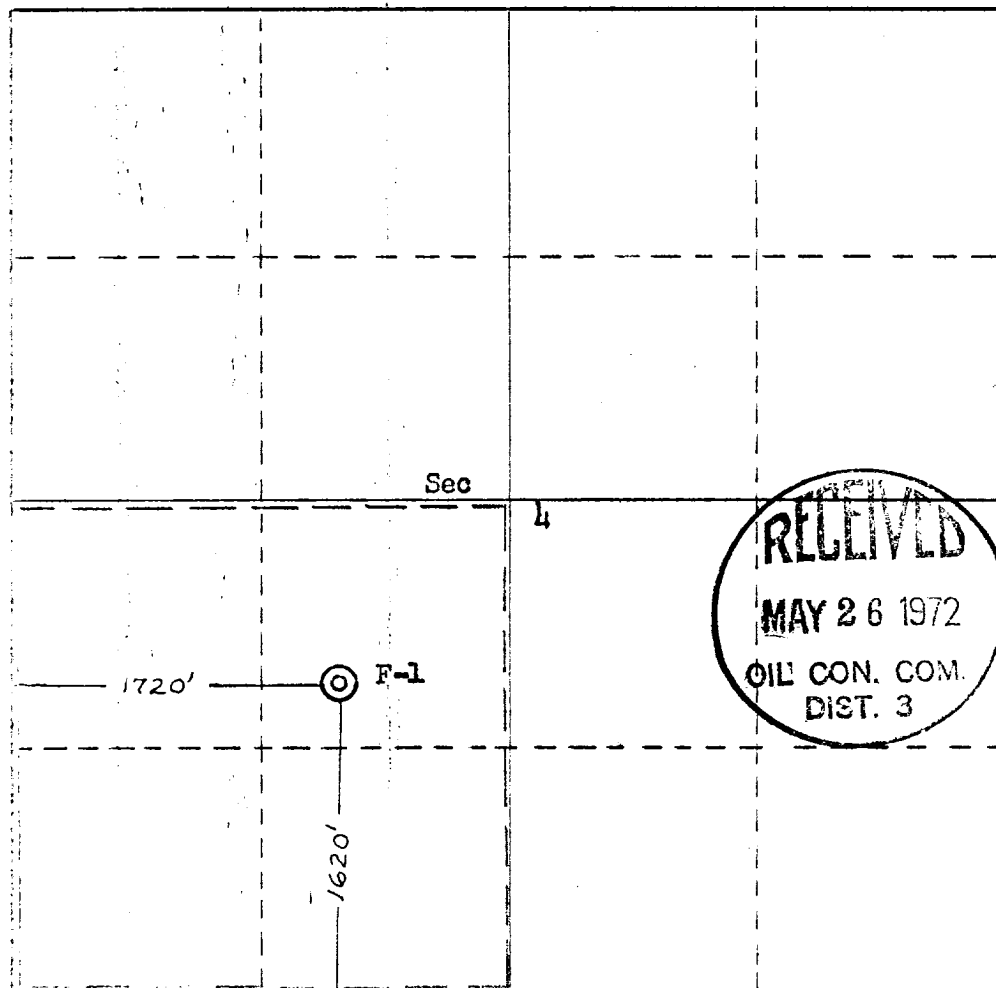
Operator <b>Amoco Production Company</b>			Lease <b>Jaquez Gas Com "F"</b>		Well No. <b>1</b>
Unit Letter <b>K</b>	Section <b>4</b>	Township <b>29N</b>	Range <b>9W</b>	County <b>San Juan</b>	
Actual Postage Location of Well: <b>1620</b> feet from the <b>South</b> line and <b>1720</b> feet from the <b>West</b> line					
Ground Level Elev. <b>5588</b>	Producing Formation <b>Pictured Cliffs</b>		Pool <b>Blanco Pictured Cliffs</b>	Dedicated Acreage: <b>160</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 \_\_\_\_\_

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.

Name  
**J. Arnold Snell**

Position  
**Area Engineer**

Company  
**AMOCO PRODUCTION COMPANY**

Date  
**May 25, 1972**

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  
**May 23, 1972**

Registered Professional Engineer and/or Land Surveyor  
**Fred B. Kerr Jr.**

Certificate No.  
**3950**

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

# NEW MEXICO OIL CONSERVATION COMMISSION

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

5a. Indicate Type of Lease State <input type="checkbox"/> Fee <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.
7. Unit Agreement Name
8. Farm or Lease Name <b>Jaquez Gas Com "B"</b>
9. Well No. <b>4</b>
10. Field and Pool, or Wildcat <b>Blanco Pictured Cliffs</b>
12. County <b>San Juan</b>

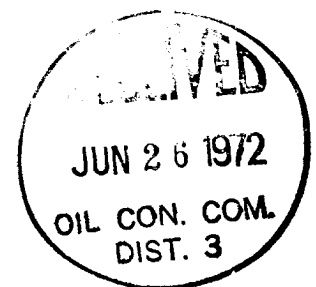
**SUNDRY NOTICES AND REPORTS ON WELLS**  
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>
2. Name of Operator <b>AMOCO PRODUCTION COMPANY</b>
3. Address of Operator <b>501 Airport Drive, Farmington, New Mexico 87401</b>
4. Location of Well UNIT LETTER <b>K</b> <b>1620</b> FEET FROM THE <b>South</b> LINE AND <b>1720</b> FEET FROM THE <b>West</b> LINE, SECTION <b>4</b> TOWNSHIP <b>29N</b> RANGE <b>9W</b> NMPM.
15. Elevation (Show whether DF, RT, GR, etc.) <b>Gr. 5589'</b>

16. 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"/> TEMPORARILY ABANDON <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> OTHER <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> CASING TEST AND CEMENT JOB <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> <b>Change of Well Name</b>

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.

**This is to report the change of name of the Jaquez Gas Com "F" No. 1 to the Jaquez Gas Com "B" No. 4.**



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

SIGNED *A. R. Kendrick* TITLE **Area Superintendent** DATE **June 23, 1972**

Original Signed by A. R. Kendrick

PETROLEUM ENGINEER DIST. NO. 3

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE **JUN 26 1972**

CONDITIONS OF APPROVAL, IF ANY:

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

# NEW MEXICO OIL CONSERVATION COMMISSION

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

5a. Indicate Type of Lease State <input type="checkbox"/> Fee <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.
7. Unit Agreement Name
8. Farm or Lease Name <b>Jaquez Gas Com "B"</b>
9. Well No. <b>4</b>
10. Field and Pool, or Wildcat <b>Blanco Pictured Cliffs</b>
12. County <b>San Juan</b>

**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 <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>
2. Name of Operator <b>AMOCO PRODUCTION COMPANY</b>
3. Address of Operator <b>501 Airport Drive, Farmington, New Mexico 87401</b>
4. Location of Well UNIT LETTER <b>K</b> , <b>1620</b> FEET FROM THE <b>South</b> LINE AND <b>1720</b> FEET FROM THE <b>West</b> LINE, SECTION <b>4</b> TOWNSHIP <b>29N</b> RANGE <b>9W</b> NMPM.
15. Elevation (Show whether DF, RT, GR, etc.) <b>Gr. 5589'</b>

16. 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"/> TEMPORARILY ABANDON <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> OTHER <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> OTHER <input type="checkbox"/>
REMEDIAL WORK <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> CASING TEST AND CEMENT JOB <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> <b>Spud &amp; set casing</b>	ALTERING CASING <input type="checkbox"/> PLUG AND ABANDONMENT <input type="checkbox"/>

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.

A 12-1/4" hole was spudded at 6:00 p.m., June 26, 1972 and drilled to 231'. The 8-5/8" casing was set at 227' and cemented with 200 sacks Class "A" with 2% CaCl<sub>2</sub>. The cement circulated.



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

SIGNED <u>Emery C. Arnold</u>	TITLE <u>Area Engineer</u>	DATE <u>June 29, 1972</u>
Original Signed by <u>Emery C. Arnold</u>	TITLE <u>SUPERVISOR DIST. #3</u>	DATE <u>JUL 3 1972</u>
APPROVED BY _____		

CONDITIONS OF APPROVAL, IF ANY:

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

# NEW MEXICO OIL CONSERVATION COMMISSION

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

5a. Indicate Type of Lease	
State <input type="checkbox"/>	Fee <input checked="" type="checkbox"/>
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.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>	7. Unit Agreement Name
2. Name of Operator <b>AMOCO PRODUCTION COMPANY</b>	8. Farm or Lease Name <b>Jaquez Gas Com "B"</b>
3. Address of Operator <b>501 Airport Drive, Farmington, New Mexico 87401</b>	9. Well No. <b>4</b>
4. Location of Well UNIT LETTER <b>K</b> , <b>1620</b> FEET FROM THE <b>South</b> LINE AND <b>1720</b> FEET FROM THE <b>West</b> LINE, SECTION <b>4</b> TOWNSHIP <b>29N</b> RANGE <b>9W</b> NMPM.	10. Field and Pool, or Wildcat <b>Blanco Pictured Cliffs</b>
15. Elevation (Show whether DF, RT, GR, etc.) <b>Gr. 5589'</b>	12. County <b>San Juan</b>

16.

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 ☐  
OTHER ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐  
COMMENCE DRILLING OPNS. ☐  
CASING TEST AND CEMENT JOBS ☐  
OTHER **Perf & Frac** ☒

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.

The Jaquez Gas Com "B" No. 4 was perforated 2170-81', 2188-98' and 2202-13' with 1 SPF. The hole was circulated with water with 1% KCl and then 350 gallons of 15% HCl was spotted on the perforations. The well was sand-water fraced with 5,000 pounds 20-40 sand, 20,000 pounds 10-20 sand, 7,500 pounds 8-12 sand and 32,500 gallons water with 1% KCl and 10 pounds gel per 1,000 gallons. Breakdown pressure 1450 psi, average treating pressure 1600 psi. AIR 45 BPM.



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

SIGNED Original Signed by ARNOLD SNELL TITLE Area Engineer DATE July 11, 1972

Original Signed by Emery C. Arnold TITLE SUPERVISOR DIST. #3 DATE JUL 13 1972

CONDITIONS OF APPROVAL, IF ANY:

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

# NEW MEXICO OIL CONSERVATION COMMISSION

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

5a. Indicate Type of Lease State <input type="checkbox"/> Fee <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.
7. Unit Agreement Name
8. Farm or Lease Name <b>Jaquez Gas Com "B"</b>
9. Well No. <b>4</b>
10. Field and Pool, or Wildcat <b>Blanco Pictured Cliffs</b>
12. County <b>San Juan</b>

## SUNDRY NOTICES AND REPORTS ON WELLS

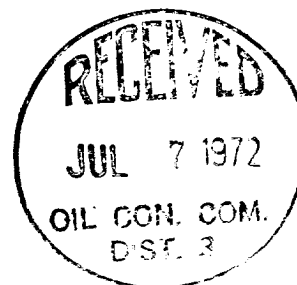
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.  
USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>	7. Unit Agreement Name
2. Name of Operator <b>AMOCO PRODUCTION COMPANY</b>	8. Farm or Lease Name <b>Jaquez Gas Com "B"</b>
3. Address of Operator <b>501 Airport Drive, Farmington, New Mexico 87401</b>	9. Well No. <b>4</b>
4. Location of Well UNIT LETTER <b>K</b> , <b>1620'</b> FEET FROM THE <b>South</b> LINE AND <b>1720'</b> FEET FROM THE <b>West</b> LINE, SECTION <b>4</b> TOWNSHIP <b>29th</b> RANGE <b>9W</b> NMPM.	10. Field and Pool, or Wildcat <b>Blanco Pictured Cliffs</b>
15. Elevation (Show whether DF, RT, GR, etc.) <b>Gr. 5589'</b>	12. County <b>San Juan</b>

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>
OTHER <input type="checkbox"/>	OTHER <b>Set 4-1/2" casing</b> <input checked="" type="checkbox"/>
PLUG AND ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
CHANGE PLANS <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>

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.

The 4-1/2" casing was set at 2278' and cemented with 500 sacks Class "C" cement with 50-50 Poz, 6% Gel and 2 pounds Tuf Plug per sack followed by 100 sacks Neat "C" cement. The cement circulated. Shut in the well for 5 hours, opened up and well flowed water. Pumped in 100 sacks Class "A" cement with 2% CaCl<sub>2</sub>, and the water flow stopped.



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

SIGNED J. Arnold TITLE Area Engineer DATE July 5, 1972

APPROVED BY [Signature] TITLE Sup Dist III DATE 7-7-72

CONDITIONS OF APPROVAL, IF ANY: