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# NEW MEXICO OIL CONSERVATION COMMISSION

30-095-23752  
Form C-101  
Revised 1-1-65

APPROVAL VALID  
FOR 90 DAYS UNLESS  
DRILLING COMMENCED

EXPIRES 11-28-79

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 DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		7. Unit Agreement Name
b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER Infill SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name Gutierrez Gas Com "B"
2. Name of Operator AMOCO PRODUCTION COMPANY		9. Well No. 1E
3. Address of Operator 501 Airport Drive, Farmington, New Mexico 87401		10. Field and Pool, or Wildcat Basin Dakota
4. Location of Well UNIT LETTER I LOCATED 1750 FEET FROM THE South LINE AND 790 FEET FROM THE East LINE OF SEC. 4 TWP. 29N RGE. 9W NMPM		12. County San Juan
19. Proposed Depth 6933'		19A. Formation Dakota
20. Rotary or C.T. Rotary		
21. Elevations (Show whether D.F., RT, etc.) 5603' GL	21A. Kind & Status Plug. Bond Statewide	21B. Drilling Contractor Unknown
22. Approx. Date Work will start 9/25/79		

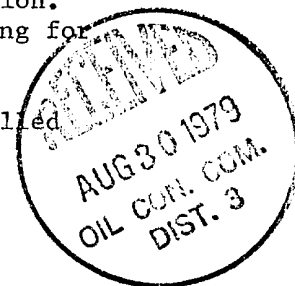
## 23. PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12-1/4"	9-5/8"	32.3 #	300'	240 sx.	Surface
8-3/4"	7"	23 #	2603'	390 sx.	Surface
6-1/4"	4-1/2"	11.6 #	6933'	715 sx.	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 the intermediate casing point with a low solids non-dispersed mud system and to TD with air. 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.



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 B. E. Zerkel Title District Engineer Date August 29, 1979

(This space for State Use)

APPROVED BY Frank S. Carey TITLE DEPT. CHIEF DATE AUG 30 1979

CONDITIONS OF APPROVAL, IF ANY:

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

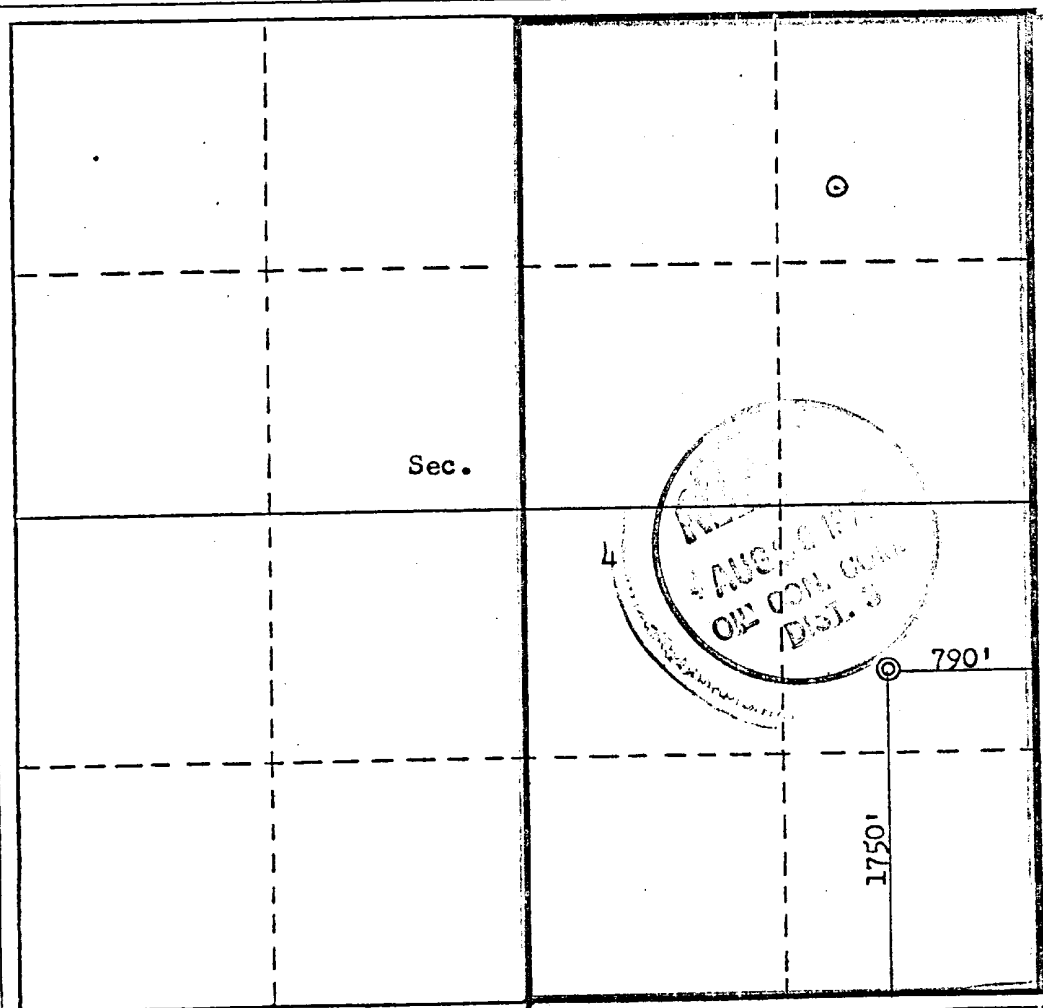
Operator <b>AMOCO PRODUCTION COMPANY</b>			Lease <b>GUTIERREZ GAS COM "B"</b>		Well No. <b>1-E</b>
Unit Letter <b>I</b>	Section <b>4</b>	Township <b>29N</b>	Range <b>9W</b>	County <b>San Juan</b>	
Actual Footage Location of Well:					
1750 feet from the South line and		790 feet from the East line			
Ground Level Elev. <b>5592</b>	Producing Formation <b>Dakota</b>	Pool <b>Basin</b>	Dedicated Acreage <b>319.64 Acres</b>		

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

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

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

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



# CERTIFICATION

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

*B. E. Fackrell*

Name  
**B. E. Fackrell**

Position  
**District Engineer**

Company  
**AMOCO PRODUCTION CO.**

Date  
**August 27, 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.

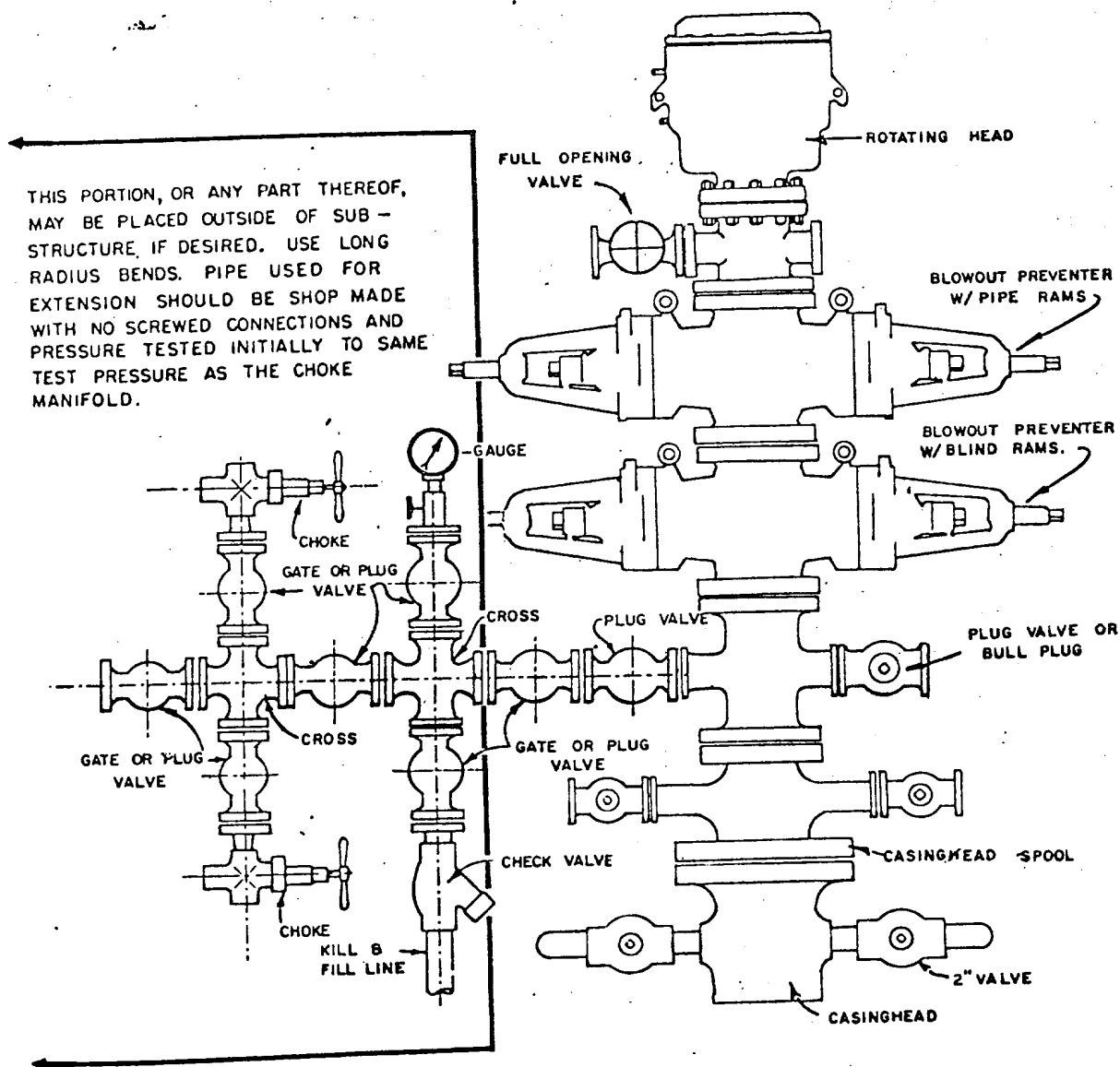
Date Surveyed  
**August 21, 1979**

Registered Professional Engineer and/or Land Surveyor

*B. E. Fackrell*  
**B. E. Fackrell Jr.**

Certificate No.  
**3950**

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



BLOWOUT PREVENTER HOOKUP

## OIL CONSERVATION DIVISION

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088  
SANTA FE, NEW MEXICO 87501Form C-107  
Revised 10-1-78

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

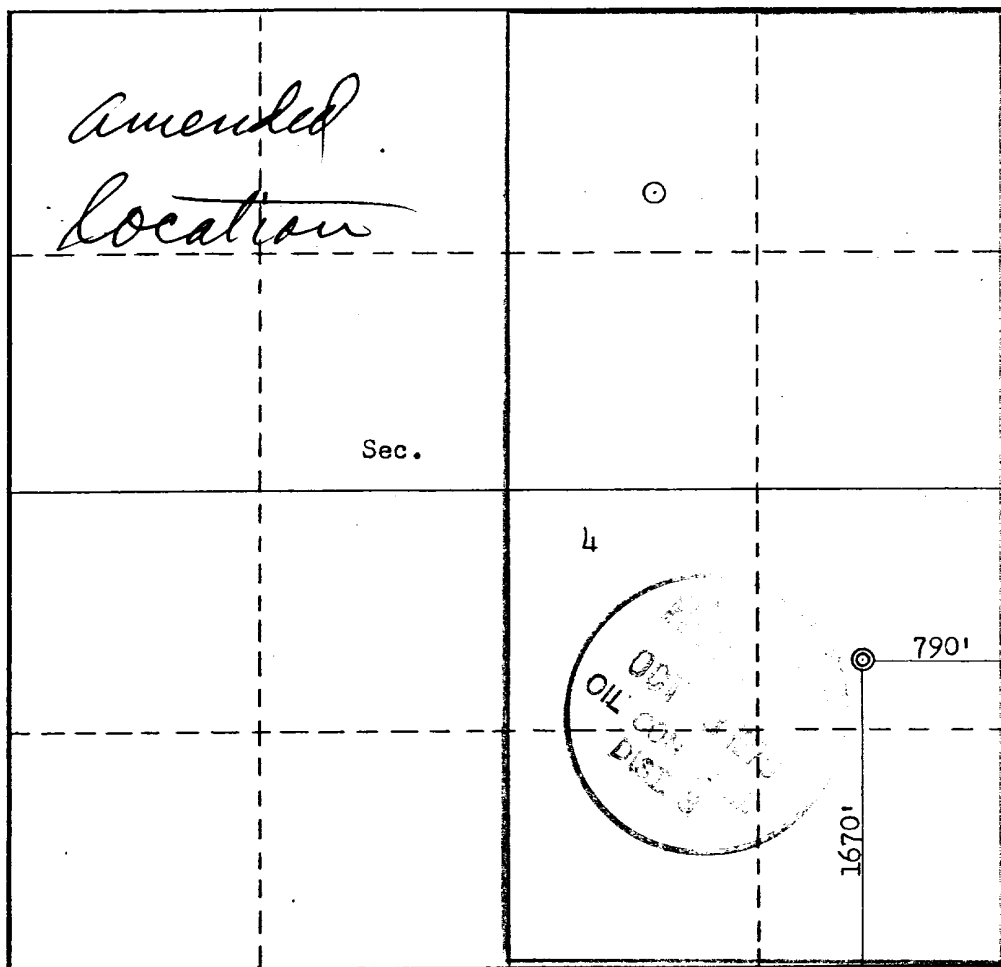
Operator AMOCO PRODUCTION COMPANY			Lease GUTIERREZ GAS COM "B"		Well No. 1-E
Unit Letter I	Section 4	Township 29N	Range 9W	County San Juan	
Actual Footage Location of Well: 1670 feet from the South line and 790 feet from the East line					
Ground Level Elev. 5592	Producing Formation Dakota		Pool Basin Dakota		Dedicated Acreage: 319.64 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

OCTOBER 2, 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

September 27, 1979

Registered Professional Engineer  
and/or Land Surveyor*Fred B. Kerr, Jr.*Certificate No. 3950  
NEW MEXICO  
KERR, JR.

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

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# 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

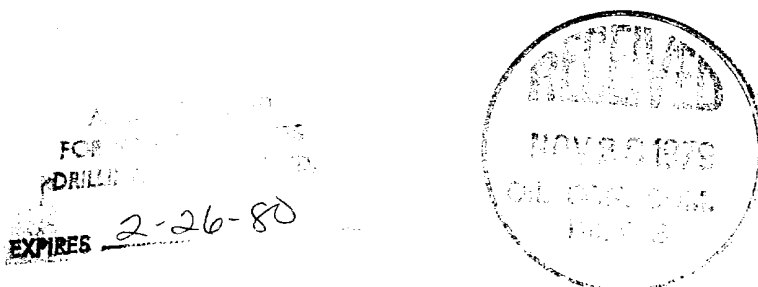
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER- INFILL		7. Unit Agreement Name
2. Name of Operator AMOCO PRODUCTION COMPANY		8. Farm or Lease Name Gutierrez Gas Com "B"
3. Address of Operator 501 Airport Drive, Farmington, New Mexico 87401		9. Well No. 1E
4. Location of Well UNIT LETTER I, 1750 1670 FEET FROM THE South LINE AND 790 FEET FROM THE East LINE, SECTION 4 TOWNSHIP 29N RANGE 9W NMPM.		10. Field and Pool, or Wildcat Basin Dakota
15. Elevation (Show whether DF, RT, GR, etc.) 5603' GL		12. County San Juan

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"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input checked="" type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	OTHER <input type="checkbox"/>

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 request an extension of approval for drilling, as the approval expires November 28, 1979. Our plans call for drilling this well in the near future.



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

SIGNED B.E. Fackrell TITLE District Engineer DATE November 27, 1979

APPROVED BY Original Signed by A. R. Kendrick TITLE SUPERVISOR DISTRICT # 3 DATE NOV 28 1979

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# 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.	

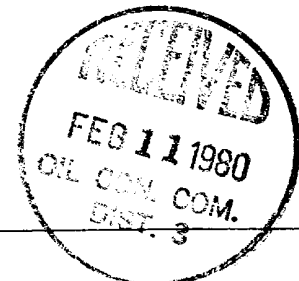
## SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER -	7. Unit Agreement Name
2. Name of Operator Amoco Production Company	8. Farm or Lease Name Gutierrez Gas Com "B"
3. Address of Operator 501 Airport Drive Farmington, NM 87401	9. Well No. 1E
4. Location of Well UNIT LETTER I, 1750 FEET FROM THE South LINE AND 790 FEET FROM THE East LINE, SECTION 4 TOWNSHIP 29N RANGE 9W NMPM.	10. Field and Pool, or Wildcat Basin Dakota
15. Elevation (Show whether DF, RT, GR, etc.) 5603' GL	12. County San Juan

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 <input type="checkbox"/> Spud and Set Casing

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.

Spudded 13-1/2" hole on 12-30-79 and drilled to 295'. Set 9-5/8", 32.3# surface casing at 282' on 1-1-80 and cemented with 300 sx class "B" Neat cement containing 2% CaCl<sub>2</sub>. Circulated 15 sx Good cement to surface.  
Drilled 8-3/4" hole to 2597'. Set 7", 20.0# intermediate casing at 2597', and cemented with 375 sx class "B" Neat cement containing 50:50 Poz, 6% gel, .8% fluid loss additives, and 2# Medium tuf plug per sx. Tailed in with 100 sx class "B" Neat cement.  
Drilled 6-1/2" hole to TD of 6898'. Set 4-1/2". 11.6# production casing at 6894' on 1-12-80 and cemented with 420 sx class "B" Neat cement containing 50:50 Poz, 6% gel, .8% fluid loss additives, and 2# Medium tuf plug per sx.  
Tailed in with 100 sx class "B" Neat cement.  
No DV tool was run on this cementing program.  
Released the rig on 1-12-80.



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

SIGNED FRANK T. CHAVEZ TITLE Dist. Adm. Supvr. DATE 2-8-80

APPROVED BY Original Signed by FRANK T. CHAVEZ SUPERVISOR DISTRICT # 3 DATE FEB 11 1980

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# 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-	7. Unit Agreement Name
2. Name of Operator Amoco Production Company	8. Farm or Lease Name Gutierrez Gas Com "B"
3. Address of Operator 501 Airport Drive Farmington, NM 87401	9. Well No. 1E
4. Location of Well UNIT LETTER I, 1750 1670 FEET FROM THE South LINE AND 790 FEET FROM THE East LINE, SECTION 4 TOWNSHIP 29N RANGE 9W NMPM.	10. Field and Pool, or Wildcat Basin Dakota
15. Elevation (Show whether DF, RT, GR, etc.) 5603' GL	12. County San Juan

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 Completion Procedure <input 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.

Completion operation commenced on 2-7-80. Total depth of well is 6894' and plugback depth is 6851'.

Perforated intervals from 6755' to 6778' with 2 SPF, total of 26 holes.

Perforated intervals from 6666' to 6684' with 2 SPF, total of 37 holes.

Perforated intervals from 6572' to 6585' with 2 SPF, total of 26 holes. Sand-water fraced interval of 6572-6585' with 148,000 gallons of frac fluid and 521,000# of sand.

Landed 2-3/8" tubing at 6796'.

Swabbed the well and released the rig on 2-14-80.



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

SIGNED E. E. SVOLODA TITLE Dist. Adm. Supvr. DATE 3-10-80

APPROVED BY Original Signed By FRANK T. CHAVEZ TITLE SUPERVISOR DISTRICT # 3 DATE MAR 12 1980

CONDITIONS OF APPROVAL, IF ANY:

A F F I D A V I T

Signed J. E. Svoboda  
Title Dist. Adm. Supvr.

BEFORE ME, the undersigned authority, on this day personally appeared E. E. Svoboda known to me to be Dist. Adm. Supvr. for Amoco Production Company and to be the person whose name is subscribed to the above statement, who, being by me duly sworn on oath, states that he has knowledge of the facts stated herein and that said statement is true and correct.

day of March, 1980.

Eleanor P. Benson  
Notary Public

28, 1983

**RECEIVED**  
**MAR 31 1980**  
**OIL CON. COM.**  
**DIST. 3**

My Commission Expires: December 28, 1983



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-11  
Effective 1-1-65

30-045-23152

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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)

If change of ownership give name  
and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Lease Name Gutierrez Gas Com "B"	Well No. 1E	Pool Name, Including Formation Basin Dakota	Kind of Lease State, Federal or Fee Fee	Lease No.
Location Unit Letter I ; 1750 Feet From The South Line and 790 Feet From The East Line of Section 4 Township 29N Range 9W , NMPM, San Juan County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
Plateau, Inc.	4775 Indian School Rd, Albuquerque, NM 87110
Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
El Paso Natural Gas Company	P.O. Box 990, Farmington, NM 87401
If well produces oil or liquids, give location of tanks.	Unit Sec. Twp. Rge. Is gas actually connected? When
I 4 29N 9W	No Approximately 30 days

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

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
		X	X					
Date Spudded 12-30-79	Date Compl. Ready to Prod. 2-14-80	Total Depth 6894'	P.B.T.D. 6851'					
Elevations (DF, RKB, RT, GR, etc.) 5603' GL	Name of Producing Formation Dakota	Top Oil/Gas Pay 6572	Tubing Depth 6796					
Perforations 6572-6778'	Depth Casing Shoe 6894							
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT					
13-1/2"	9-5/8", 32.3#	282'	300 SX					
8-3/4"	7", 20.0#	2597'	475 SX					
6-1/2"	4-1/2", 11.6#	6894'	520 SX					
	2-3/8"	6796'						

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-MCF

MAR 31 1980  
OIL CON. COM.  
DIST. 3

GAS WELL

Actual Prod. Test-MCF/D 809	Length of Test 3 hours	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pitot, back pr.) Back Pressure	Tubing Pressure (shut-in) 1600	Casing Pressure (shut-in) 1795	Choke Size .75

VI. CERTIFICATE OF COMPLIANCE

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

Original  
E. E. SVO  
(Signature)

District Administrative Supervisor

(Title)

3-25-80

(Date)

OIL CONSERVATION COMMISSION

APPROVED MAR 31 1980, 19

BY Original Signed by FRANK T. CHAVEZ

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