

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

# NEW MEXICO OIL CONSERVATION COMMISSION

30-045-22223  
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	
DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			
b. Type of Well		8. Farm or Lease Name	
OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		Usselman Gas Com "C"	
2. Name of Operator		9. Well No.	
AMOCO PRODUCTION COMPANY		1	
3. Address of Operator		10. Field and Pool, or Wildcat	
501 Airport Drive, Farmington, New Mexico 87401		Blanco Pictured Cliffs	
4. Location of Well		12. County	
UNIT LETTER <b>E</b> LOCATED <b>1770</b> FEET FROM THE <b>North</b> LINE AND <b>1015</b> FEET FROM THE <b>West</b> LINE OF SEC. <b>4</b> TWP. <b>31N</b> RGE. <b>10W</b> NMPM		San Juan	
21. Elevations (Show whether DF, RT, etc.)		19. Proposed Depth	19A. Formation
5818' est. GL.		2950'	Pictured Cliffs
21A. Kind & Status Plug. Bond	21B. Drilling Contractor	20. Rotary or C.T.	
Statewide	Signal	Rotary	
22. Approx. Date Work will start			
November, 1976			

## 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"	8-5/8"	24#	250'	200	Circ.
7-7/8"	4-1/2"	10.5#	2950'	650	Circ.

Amoco proposes to drill the above well to develop the Pictured Cliffs reservoir. The well will be drilled using rotary tools with mud as a circulating media to TD. Production casing will be set through the Pictured Cliffs formation upon completion. Perforations and stimulation will be based on analysis of open hole logs. A 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.

This gas has not been dedicated to a gas sales contract.

APPROVAL VALID  
FOR 90 DAYS UNLESS  
DRILLING COMMENCED,

EXPIRES 1-14-77

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 Al North Title Area Engineer Date October 13, 1976  
(This space for State Use)

APPROVED BY AK Kendrick TITLE SUPERVISOR DIST. #3 DATE OCT 1 1976  
CONDITIONS OF APPROVAL, IF ANY:



NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102  
Supersedes C-128  
Effective 1-1-65

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

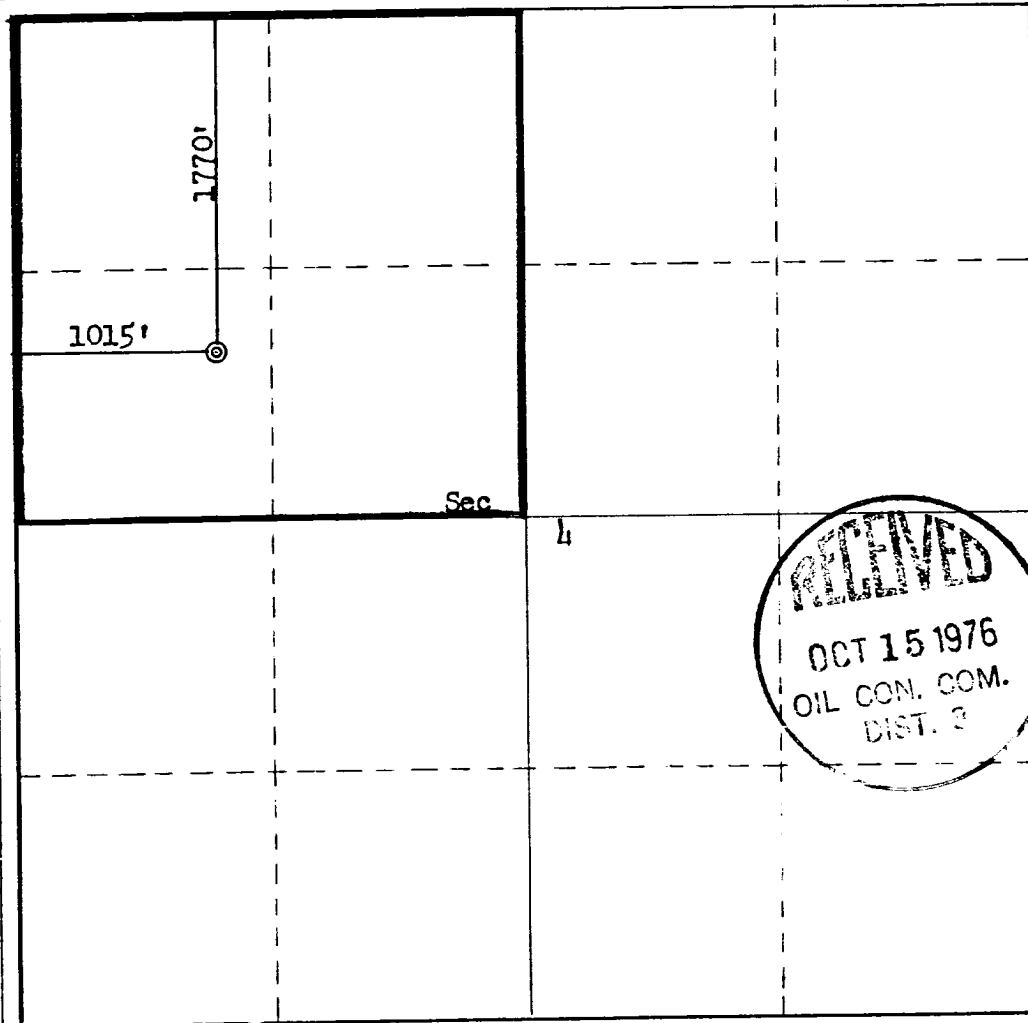
Operator <b>Amoco Production Company</b>			Lease <b>Usselman Gas Com "C"</b>		Well No. <b>1</b>
Unit Letter <b>E</b>	Section <b>4</b>	Township <b>31N</b>	Range <b>10W</b>	County <b>San Juan</b>	
Actual Footage Location of Well: <b>1770</b> feet from the <b>North</b> line and <b>1015</b> feet from the <b>West</b> line					
Ground Level Elev. <b>5818 est.</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 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.

*H. D. Montgomery*  
Name  
**H. D. Montgomery**

Position  
**Area Engineer**

Company  
**AMOCO PRODUCTION COMPANY**

Date  
**October 13, 1976**

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  
**October 11, 1976**

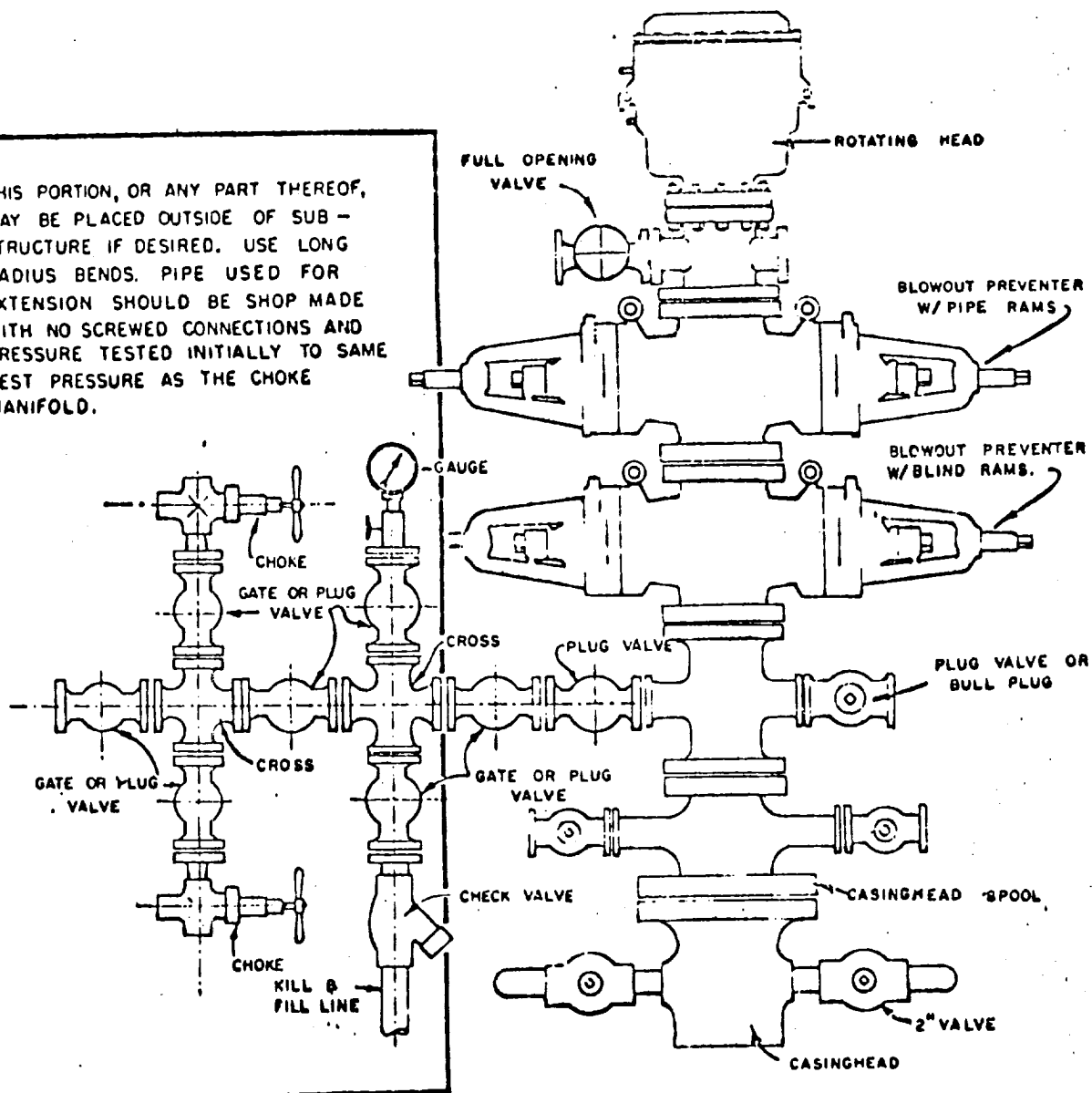
Registered Professional Engineer and/or Land Surveyor

*Fred B. Kerr Jr.*  
**Fred B. Kerr 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

AMOCO PRODUCTION COMPANY

EXHIBIT D-4  
OCTOBER 16, 19

