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NEW MEXICO OIL CONSERVATION COMMISSION

Form O-101  
Revised 1-1-65

5A. Indicate Type of Lease  
STATE ☐ FEE ☒

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 OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name Chavez Gas Com "F"	
2. Name of Operator Amoco Production Co.		9. Well No. 1	
3. Address of Operator 501 Airport Drive, Farmington, N M 87401		10. Field and Pool, or Wildcat Otero Chacra	
4. Location of Well UNIT LETTER J LOCATED 1760 FEET FROM THE south LINE AND 1690 FEET FROM THE East LINE OF SEC. 23 TWP. 29N RGE. 10W NMPM		12. County San Juan	
19. Proposed Depth 3208'		19A. Formation Chacra	
20. Rotary or C.T. Rotary		21. Elevations (Show whether DF, RT, etc.) 5597' GR	
21A. Kind & Status Plug. Bond Statewide		21B. Drilling Contractor Unknown	
22. Approx. Date Work will start As soon as permitted			

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#, J-55	300'	354 cu ft	circ. to surface
7-7/8"	4-1/2"	10.5, K-55	3208'	1094 cu ft	circ. to surface

Amoco proposes to drill the above well to further develop the Otero Chacra 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 site will be cleaned and the reserve pit filled and leveled. The gas from this well is dedicated to Northwest Pipeline under contract No. 108394.

APPROVAL EXPIRES 9-13-85  
UNLESS DRILLING IS COMMENCED.  
SPUD NOTICE MUST BE SUBMITTED  
WITHIN 10 DAYS.

RECEIVED  
MAR 08 1985  
OIL CON.

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 BDS Shaw Title Adm. Supervisor Date 3/6/85

(This space for State Use)

APPROVED BY Charles Johnson TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE MAR 13 1985

CONDITIONS OF APPROVAL, IF ANY:

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

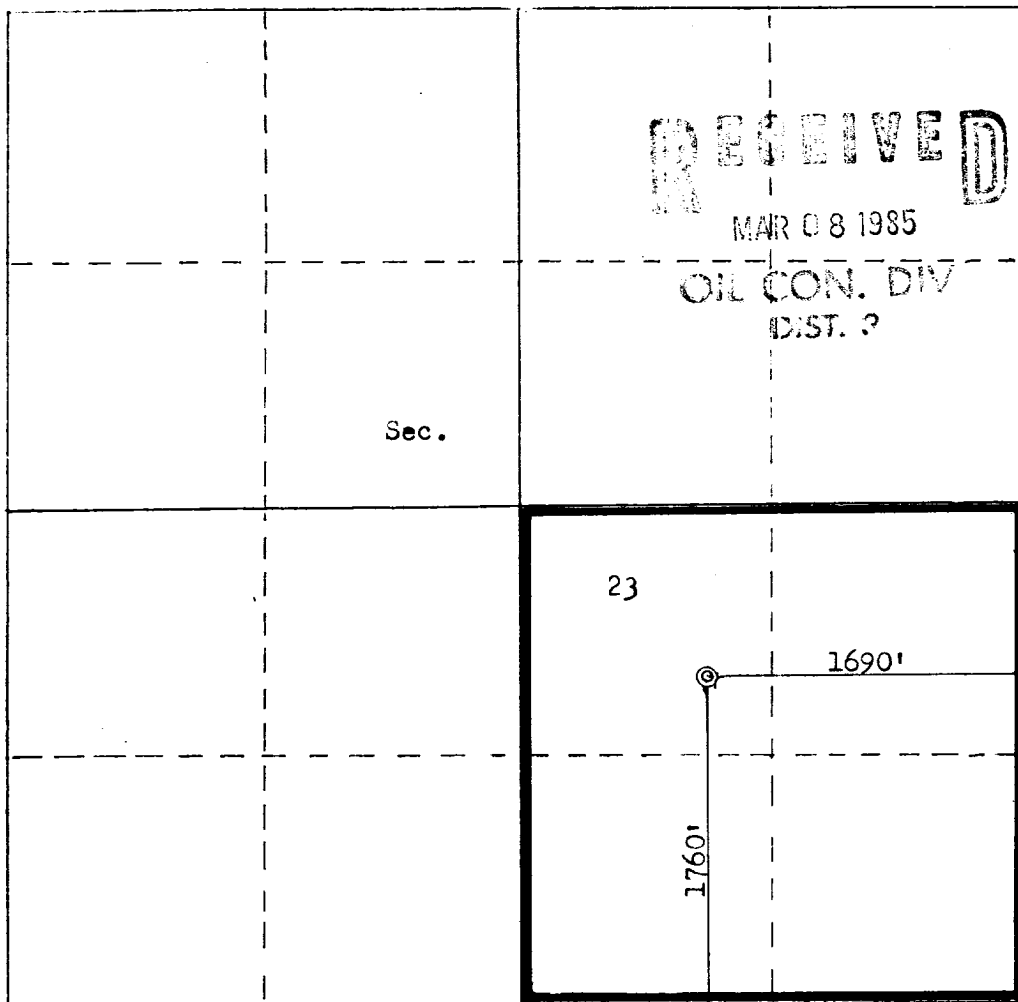
Operator <b>AMOCO PRODUCTION COMPANY</b>			Lease <b>CHAVEZ GAS COM "F"</b>		Well No. <b>1</b>
Unit Letter <b>J</b>	Section <b>23</b>	Township <b>29N</b>	Range <b>10W</b>	County <b>San Juan</b>	
Actual Footage Location of Well: <b>1760</b> feet from the <b>South</b> line and <b>1690</b> feet from the <b>East</b> line					
Ground Level Elev. <b>5597</b>	Producing Formation <b>Chacra</b>	Pool <b>Otero Chacra</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 Communitized

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.



Scale: 1"=1000'

CERTIFICATION

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

*B.D. Shaw*

Name  
**B.D. Shaw**

Position  
**Adm. Supervisor**

Company  
**Amoco Production Co.**

Date  
**3/7/85**

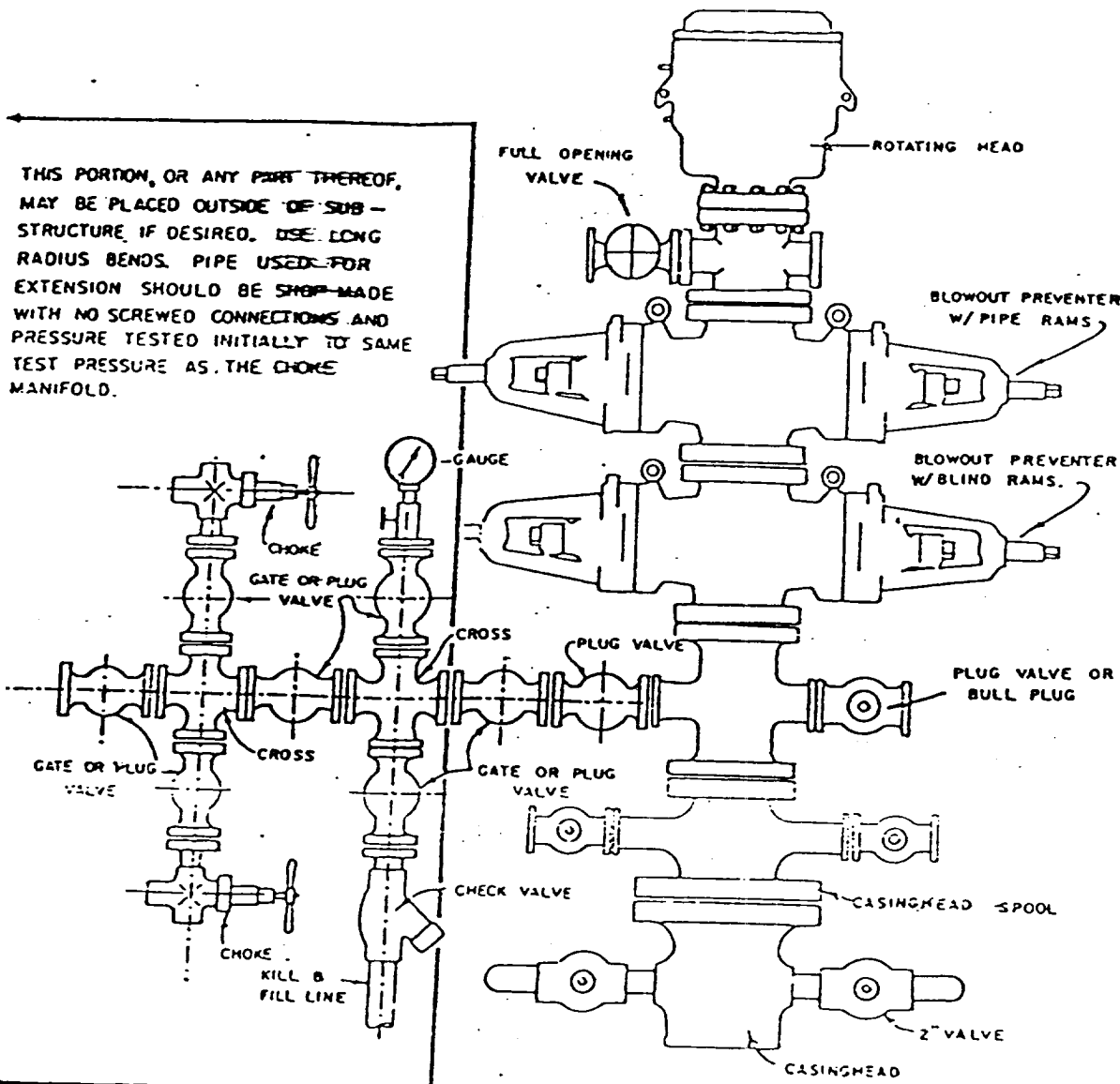
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed  
**February 28, 1985**

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

Certificate No.  
**3950**

1. Blowout Preventers and Master Valve to be fluid operated, and all fittings must be in good condition.
2. Equipment through which bit must pass shall be as large as the inside diameter of the casing that is being drilled through.
3. Nipple above Blowout Preventer shall be same size or larger than BOP being drilled through.
4. All fittings to be flanged.
5. Omsco or comparable safety valve must be available on rig floor at all times with proper connection or sub. The I.D. of safety valve should be as great as I.D. of tool joints of drill pipe, or at least as great as I.D. of drill collars.



## BLOWOUT PREVENTER HOOKUP

API Series # 900

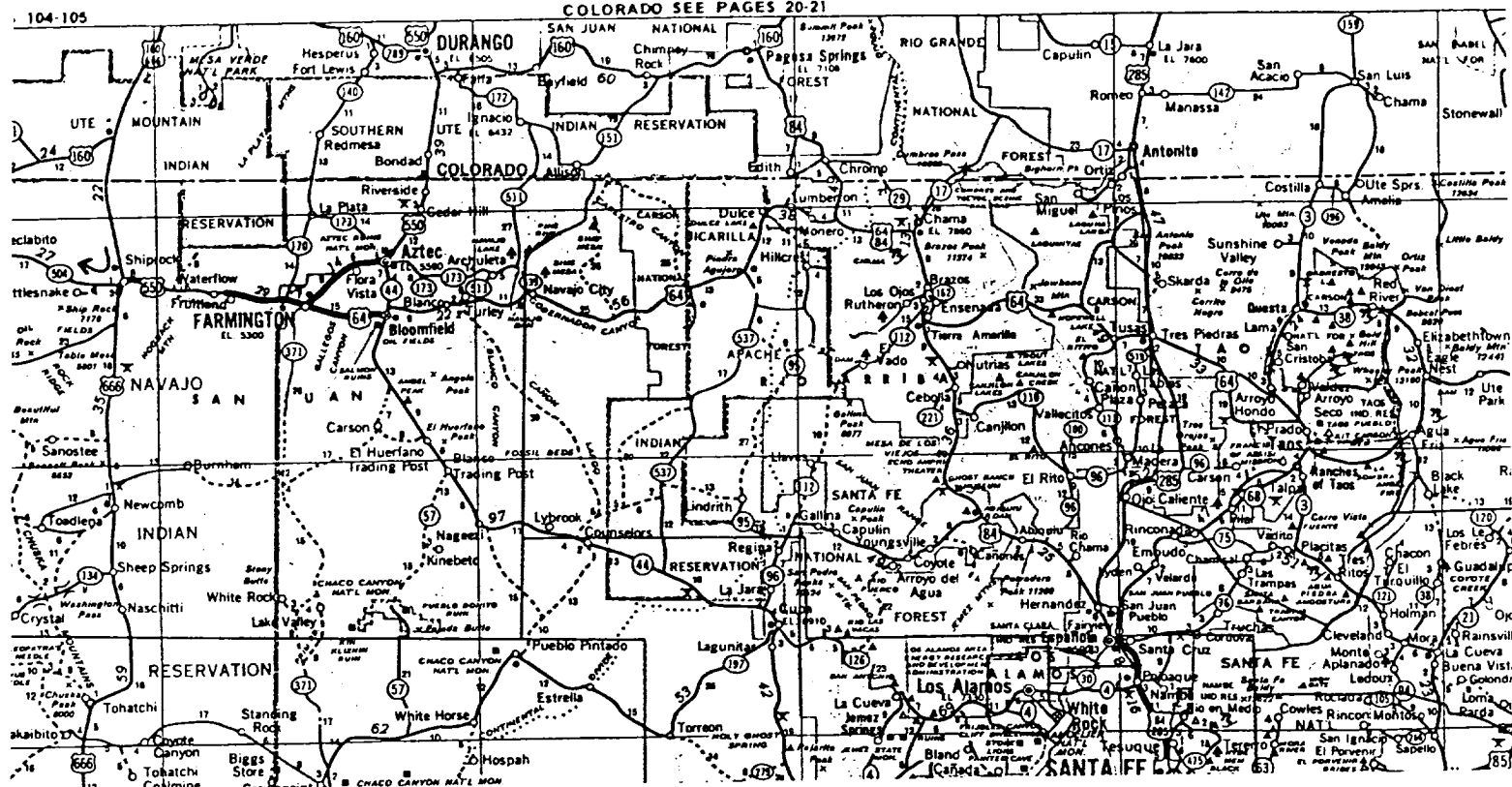
EXHIBIT D-4

OCTOBER 16, 1955

Operation of BOP by closing both pipe and blind rams will be tested each trip or, on long bit runs, pipe rams will be closed once each 24 hours.

104-105

COLORADO SEE PAGES 20-21



RAIL POINT: 144 mi. Gallup, N.M.  
MUD POINT: 17 mi. Aztec, N.M.  
CEMENT POINT: 21 mi. FARMINGTON, N.M.

