

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

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				Gallegos Canyon Unit	
DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>				Gas Com. "B"	
c. Well				8. Term of Lease Name	
CIL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER INFILL <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>					
2. Name of Operator				9. Well No.	
AMOCO PRODUCTION COMPANY				143E	
3. Address of Operator				10. Field and Pool, or Wildcat	
501 Airport Drive, Farmington, New Mexico 87401				Basin Dakota	
4. Location of Well				11. County	
UNIT LETTER <u>M</u> LOCATED <u>1140</u> FEET FROM THE <u>South</u> LINE				San Juan	
AND <u>1150</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>25</u> TWP. <u>29N</u> RGE. <u>12W</u> NMPM				w 320	
12. Proposed Depth				13A. Formation	
6500'				Dakota	
13B. Drilling Contractor				14. Rotary or C.T.	
Unknown				Rotary	
15. Elevations (Show whether DF, RL, etc.)		21A. Kind & Status Plug. Bond		22. Approx. Date Work will start	
5462' GL		Statewide		May 15, 1980	

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#	300'	315	Surface
7-7/8"	4-1/2"	11.6#	6500'	1200	Surface

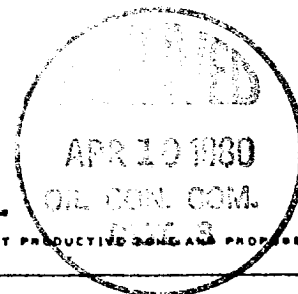
Amoco proposes to drill the above well to further develop the Basin Dakota reservoir. The well will be drilled to the surface casing point using native mud. The well will then be drilled to TD with a low solids nondispersed mud system. Completion design will be based on open hole logs. Copy of all logs 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 7-9-80



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. FROSTEN Original Signed By District Engineer Title April 3, 1980 Date

(This space for State Use)

APPROVED BY Frank T. Chancy TITLE SUPERVISOR DISTRICT #3 DATE APR 10 1980

CONDITIONS OF APPROVAL, IF ANY:

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

Operator AMOCO PRODUCTION COMPANY		Lease GALLEGOS CANYON UNIT GAS COM "B"		Well No. 143-E
Unit Letter M	Section 25	Township 29N	Range 12W	County San Juan

Actual Footage Location of Well:

1140 feet from the **South** line and **1150** feet from the **West** line

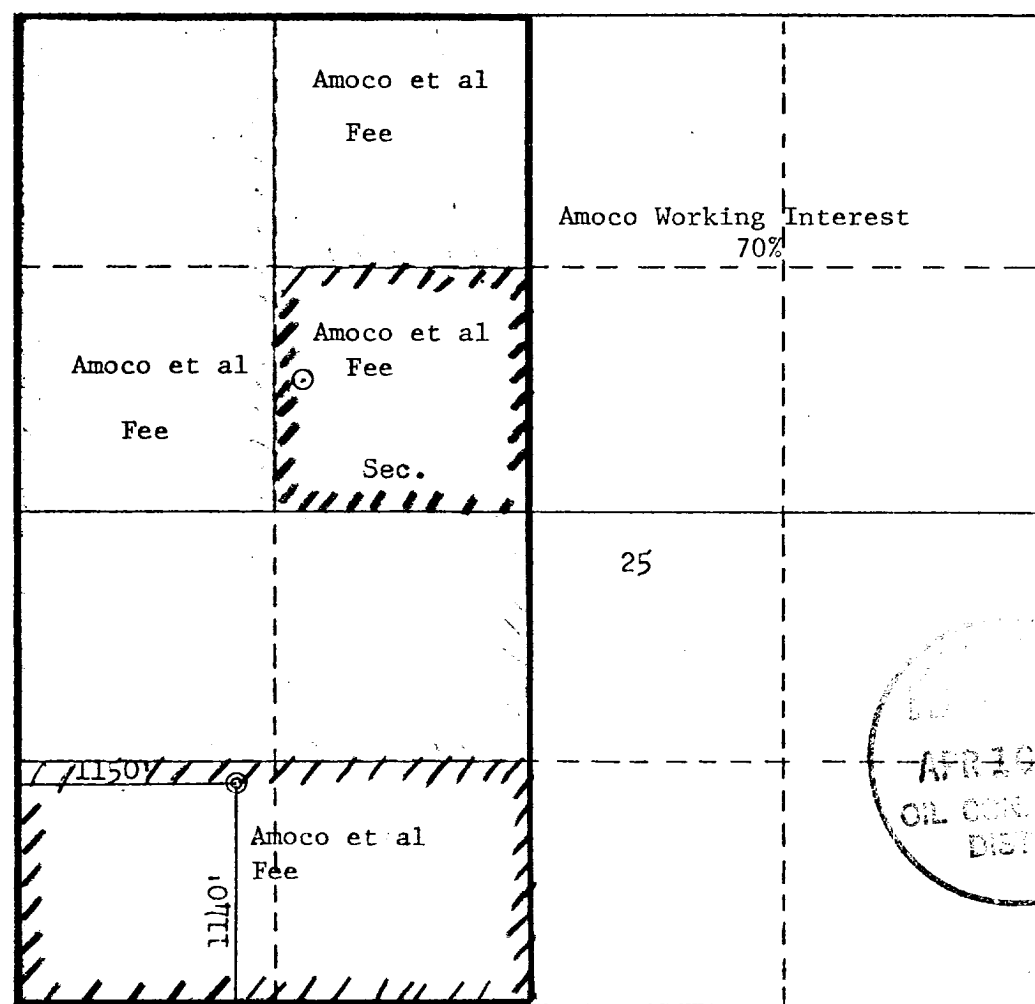
Ground Level Elev. 5462	Producing Formation Dakota	Pool Basin Dakota	Dedicated Acreage: W 320 Acres
-----------------------------------	--------------------------------------	-----------------------------	------------------------------------------

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

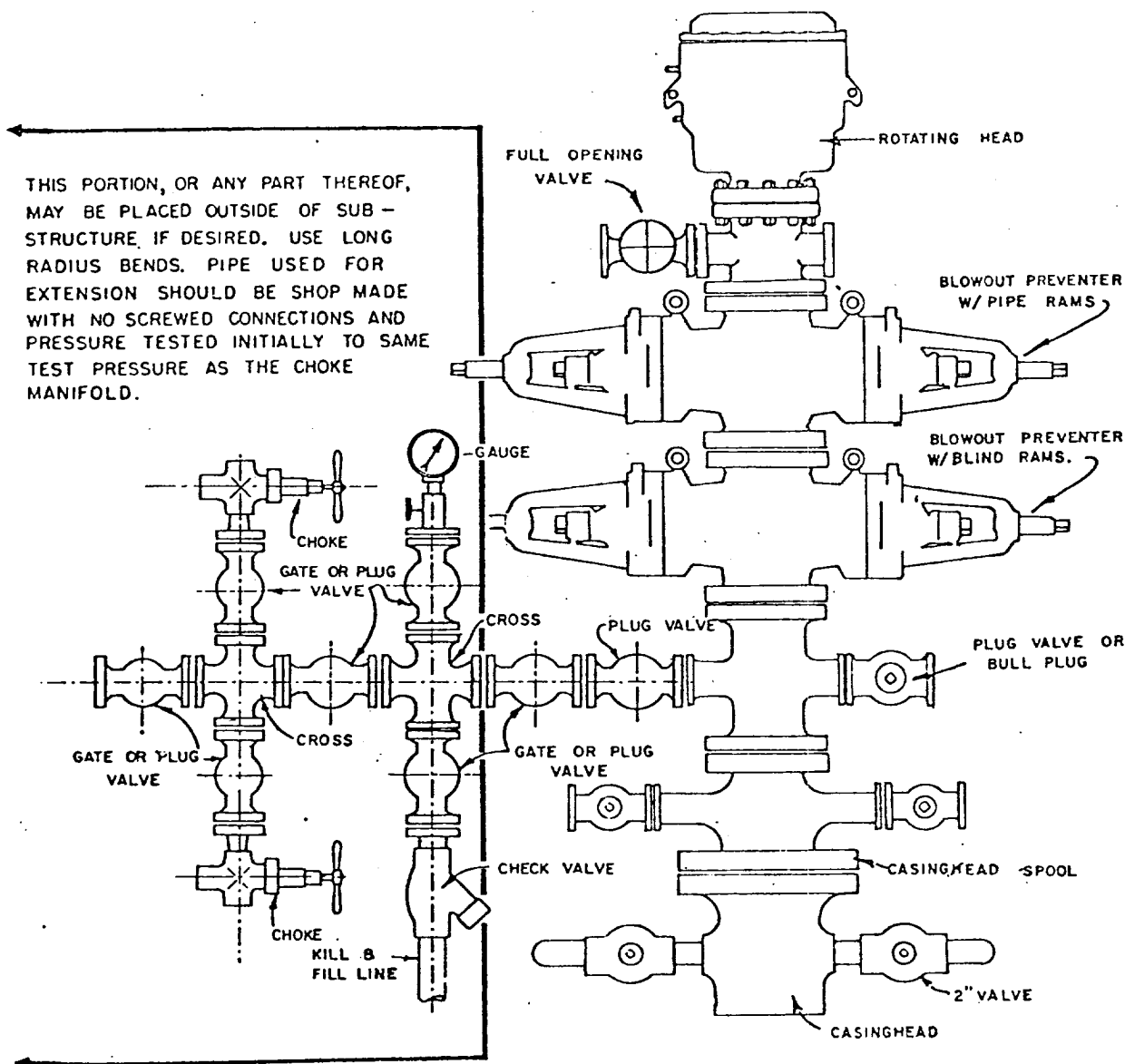
Name B. E. FACKRELL
Position DISTRICT ENGINEER
Company AMOCO PRODUCTION COMPANY
Date MARCH 28, 1980

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 March 21, 1980
Registered Professional Engineer and/or Land Surveyor <i>Fred B. Kerr Jr.</i> 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, 1969

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.