

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

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LAND OFFICE	
OPERATOR	

5A. Indicate Type of Lease
STATE <input checked="" type="checkbox"/> REC <input 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"/>	
b. Type of Well		OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> Infill <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>	
2. Name of Operator Amoco Production Company			
3. Address of Operator 501 Airport Drive, Farmington, NM 87401			
4. Location of Well UNIT LETTER <u>K</u> LOCATED <u>1560</u> FEET FROM THE <u>South</u> LINE AND <u>2025</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>36</u> TWP. <u>29N</u> RCT. <u>13W</u> NMADA			
5. Proposed Depth 6038'		19A. Formation Dakota	
21. Elevations (Show whether DE, RT, etc.) 5473' GL		21A. Kind & Status Plug, Bond Statewide	
21B. Drilling Contractor Unknown		22. Approx. Date Work will start As soon as permitted	
23. PROPOSED CASING AND CEMENT PROGRAM			

7. Unit Agreement Name Gallegos Canyon Unit
8. Farm or Lease Name
9. Well No. 189E
10. Field and Pool, or Wildcat Basin Dakota
12. County San Juan

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/4"	8 5/8"	24#	300'	300 sx	Surface
7 7/8"	4 1/2"	10.5#	6038'	1270 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 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 ~~not~~ dedicated to a gas sales contract.

An application for approval of this unorthodox location has been filed with the Santa Fe office of the NMOC.

APPROVED  
FOR 6-10-81  
DRILLING 7-11-81

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL EXPIRES, 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 Original Signed By  
W. L. Peterson Title District Engineer Date 1-8-81

(This space for State Use)

APPROVED BY Frank J. Chang TITLE SUPERVISOR DISTRICT #3 DATE 1-8-81

CONDITIONS OF APPROVAL, IF ANY:

Hold  
2-10-81  
HSL

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

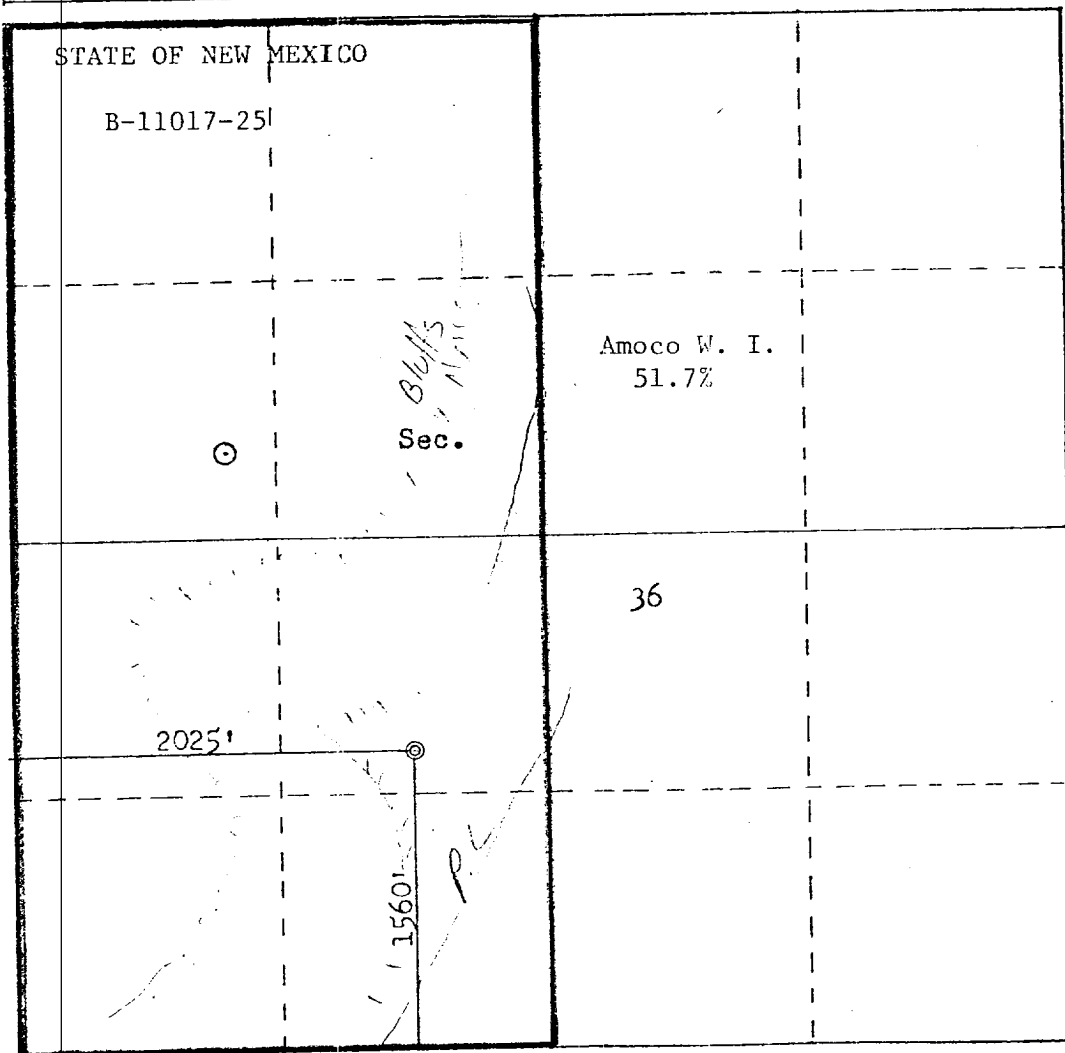
Operator <b>AMOCO PRODUCTION COMPANY</b>			Lease <b>GALLEGOS CANYON UNIT</b>		Well No. <b>189E</b>
Unit Letter <b>K</b>	Section <b>36</b>	Township <b>29N</b>	Range <b>13W</b>	County <b>San Juan</b>	
Actual Footage Location of Well: <b>1560</b> feet from the <b>South</b> line and <b>2025</b> feet from the <b>West</b> line					
Ground Level Elev. <b>5473</b>	Producing Formation <b>Dakota</b>	Pool <b>Basin Dakota</b>		Dedicated Acreage: <b>320</b> Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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 Unitization

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.

*Wayne L. Peterson*

Name

W. L. Peterson

Position

District Engineer

Company

Amoco Production Company

Date

November 25, 1980

I hereby certify that the well location shown on this plat was plotted from field notes of a well survey 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

November 14, 1980

Registered Professional Engineer and Land Surveyor

*Fred B. Kerr Jr.*

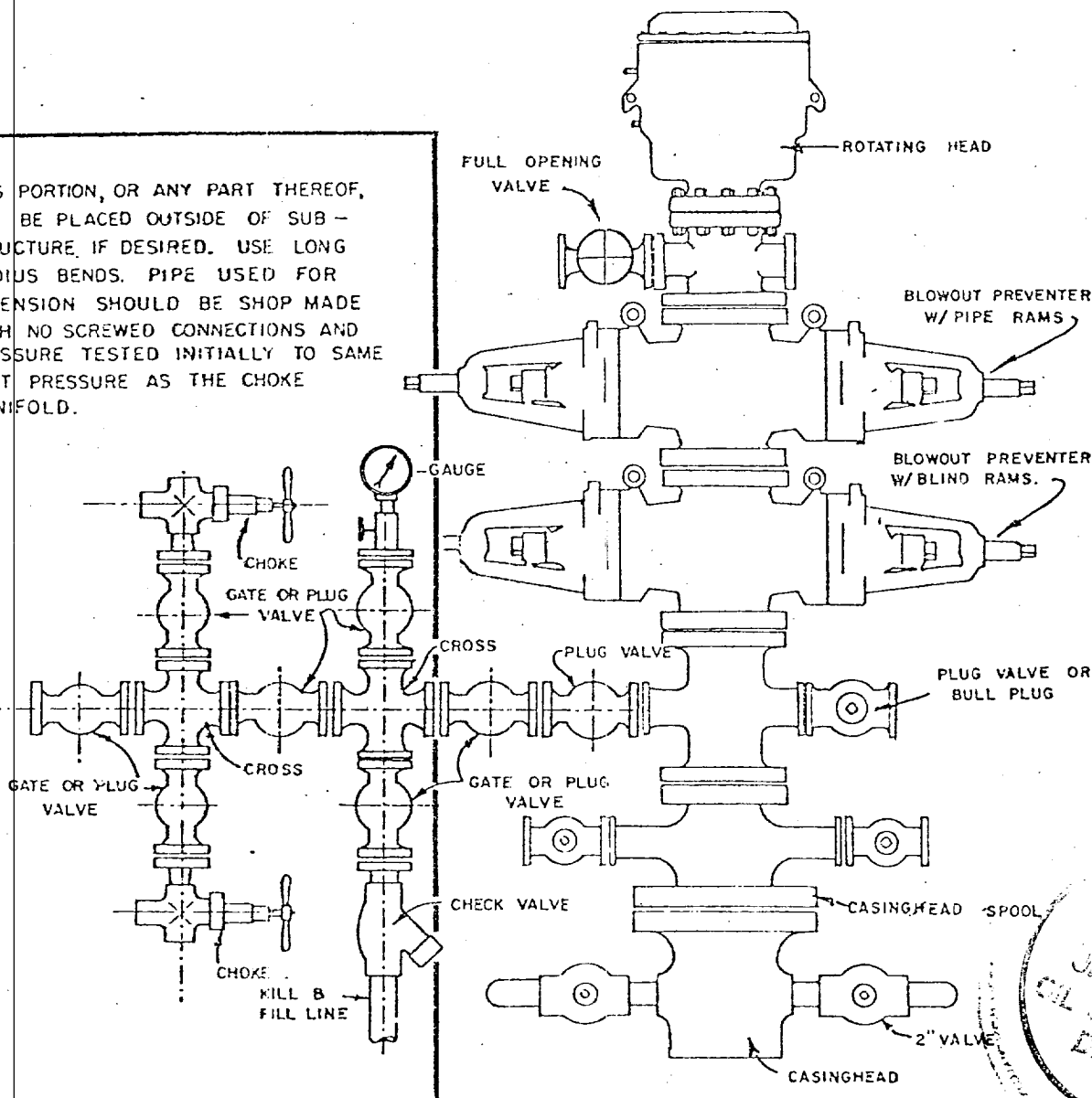
Certificate No.

3950

FERR. 12

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.

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

API Series # 900

EXHIBIT D-4

OCTOBER 16, 1959

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.