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P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

| |
|--|
| 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 | Gallegos Canyon Unit |
| b. Type of Well | OIL WELL <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"/> | 8. Term or Lease Name | |
| 2. Name of Operator | AMOCO PRODUCTION COMPANY | | |
| 3. Address of Operator | 501 Airport Drive, Farmington, New Mexico 87401 | | |
| 4. Location of Well | UNIT LETTER <u>E</u> LOCATED <u>1870</u> FEET FROM THE <u>North</u> LINE AND <u>790</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>29</u> TWP. <u>29N</u> RGE. <u>12W</u> HMPM | 9. Well No. | 173E |
| | | 10. Field and Pool, or Wildcat | Basin Dakota |
| | | 12. County | San Juan |
| 19. Proposed Depth | | 19A. Formation | 20. Rotary or C.T. |
| 6500' | | Dakota | Rotary |
| 21. Elevations (Show whether DJ, KI, etc.) | 21A. Kind & Status Plug. Bond | 21B. Drilling Contractor | 22. Approx. Date Work will start |
| 5303' GL | Statewide | Unknown | May 1, 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" | 10.5# | 6500' | 1250 | 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

4-21-80



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. L. Farnham Title District Engineer Date January 18, 1980

(This space for State Use)

APPROVED BY Frank S. Chang TITLE SUPERVISOR DISTRICT # 3 DATE JAN 22 1980

CONDITIONS OF APPROVAL, IF ANY

SW-1 C-104 J. MSL

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.

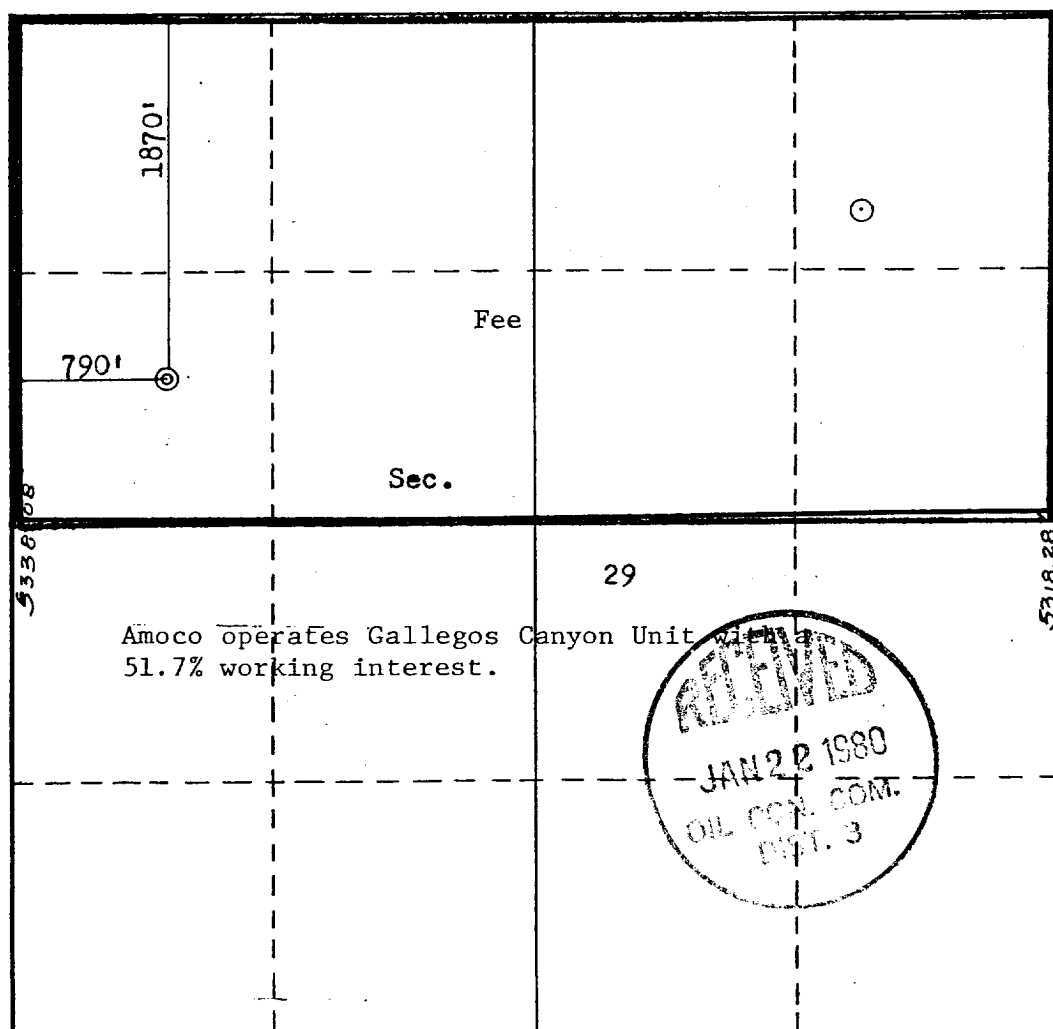
| | | | | |
|---|--------------------------------------|--------------------------------------|--|---------------------------|
| Operator AMOCO PRODUCTION COMPANY | | Lease GALLEGOS CANYON UNIT | | Well No. 173-E |
| Unit Letter E | Section 29 | Township 29N | Range 12W | County San Juan |
| Actual Footage Location of Well: 1870 feet from the North line and 790 feet from the West line | | | | |
| Ground Level Elev. 5303 | Producing Formation Dakota | Pool Basin Dakota | Dedicated Acreage: 320 Acres | |

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 Unitization (Gallegos Canyon Unit)

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

JANUARY 15, 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

January 15, 1980

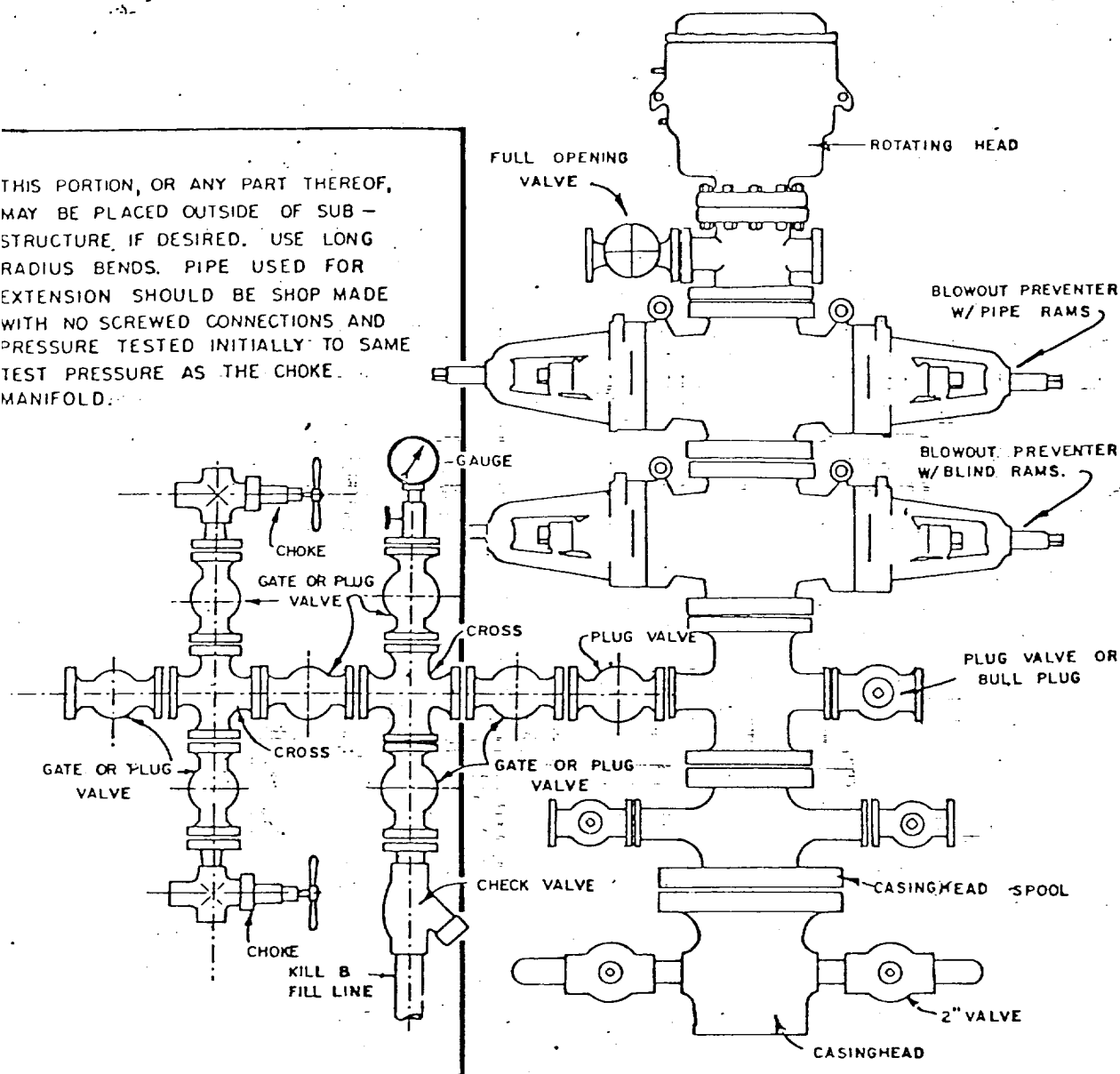
Registered Professional Engineer and/or Land Surveyor

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