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NEW MEXICO OIL CONSERVATION COMMISSION

30-045-25508

Form O-101
Revised 1-1-85

| |
|--|
| 5A. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/> |
| 5. State Oil & Gas Lease No. |
| 7. Unit Agreement Name |
| 8. Farm or Lease Name Carson Gas Com |
| 9. Well No. 1E |
| 10. Field and Pool, or Wildcat Basin Dakota |
| 12. County San Juan |
| 19. Proposed Depth 6300' |
| 19A. Formation Dakota |
| 20. Rotary or C.T. Rotary |
| 21. Elevations (Show whether DE, RT, etc.) 5430' GL |
| 21A. Kind & Status Plug. Bond Statewide |
| 21B. Drilling Contractor Unknown |
| 22. Approx. Date Work will start As soon as permitted. |

| | | | | | |
|---|--|--|--|--|--|
| APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK | | | | | |
| 1a. Type of Work | | | | | |
| b. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <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 E LOCATED 2350 FEET FROM THE North LINE AND 1190 FEET FROM THE West LINE OF SEC. 32 TWP. 30N RGE. 12W NMPM | | | | | |
| 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# K-55 | 300' | 300 sx | surface |
| 7-7/8" | 4-1/2" | Various | 6300' | 1200 sx | surface |

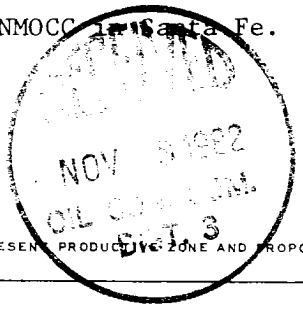
Amoco proposes to drill the above well to further develop the Basin Dakota reservoirs. The well will be drilled to the surface casing point using native mud. The well will then be drilled to TD with a low solids nondispersed mud system. Completion design will be based on open hole logs. Copy of all logs will be filed upon completion. Amoco's standard blowout prevention will be employed; see attached drawing for blowout preventor design.

The gas produced from this well is dedicated to El Paso Natural Gas under Contract #56742.

Application for an unorthodox location has been filed with the NMOCC in Santa Fe.

APPROVAL VALID
FOR 60 DAYS UNLESS
DRILLING COMMENCED,

EXPIRES 5-8-83



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTION ZONE AND PROPOSED NEW PRODUCTION 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.
Original Signed By
Signed D. H. SHOEMAKER Title District Engineer Date 11/5/82

(This space for State Use)

APPROVED BY Original Signed by FRANK T. CHAVEZ TITLE DATE NOV 8 1982

CONDITIONS OF APPROVAL, IF ANY:
Hold C104 for NSL

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO

P. O. BOX 2088

Form C-107
Revised 10-1-78

ENERGY AND MINERALS DEPARTMENT

SANTA FE, NEW MEXICO 87501

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

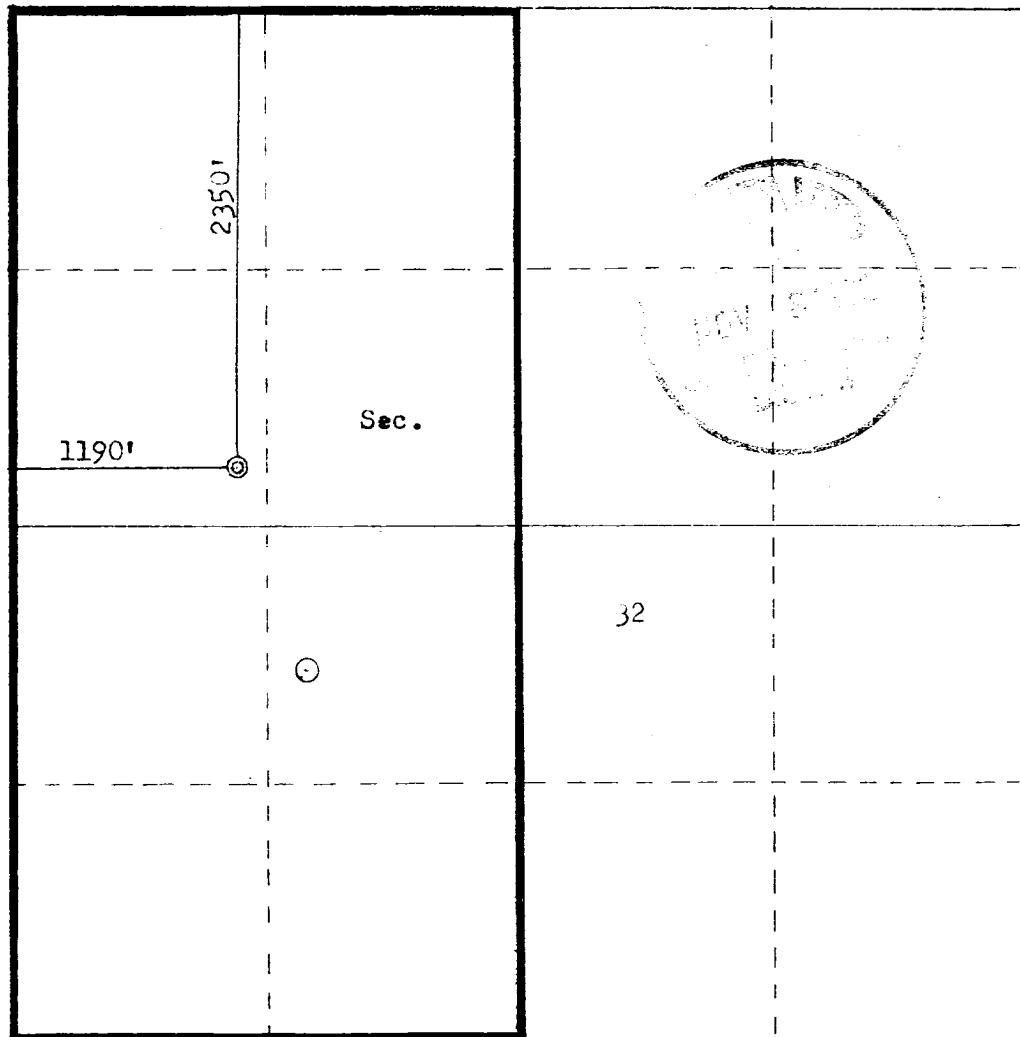
| | | | | | |
|--|--------------------------------------|------------------------|--------------------------------|---------------------------|--|
| Operator AMOCO PRODUCTION COMPANY | | | Lease CARSON GAS COM | | Well No. 1E |
| Unit Letter E | Section 32 | Township 30N | Range 12W | County San Juan | |
| Actual Footage Location of Well: 2350 feet from the North line and 1190 feet from the West line | | | | | |
| Ground Level Elev. 5430 | 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.

D. H. Shoemaker

Name

D. H. SHOEMAKER

Position

DISTRICT ENGINEER

Company

AMOCO PRODUCTION COMPANY

Date

NOVEMBER 1, 1982

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

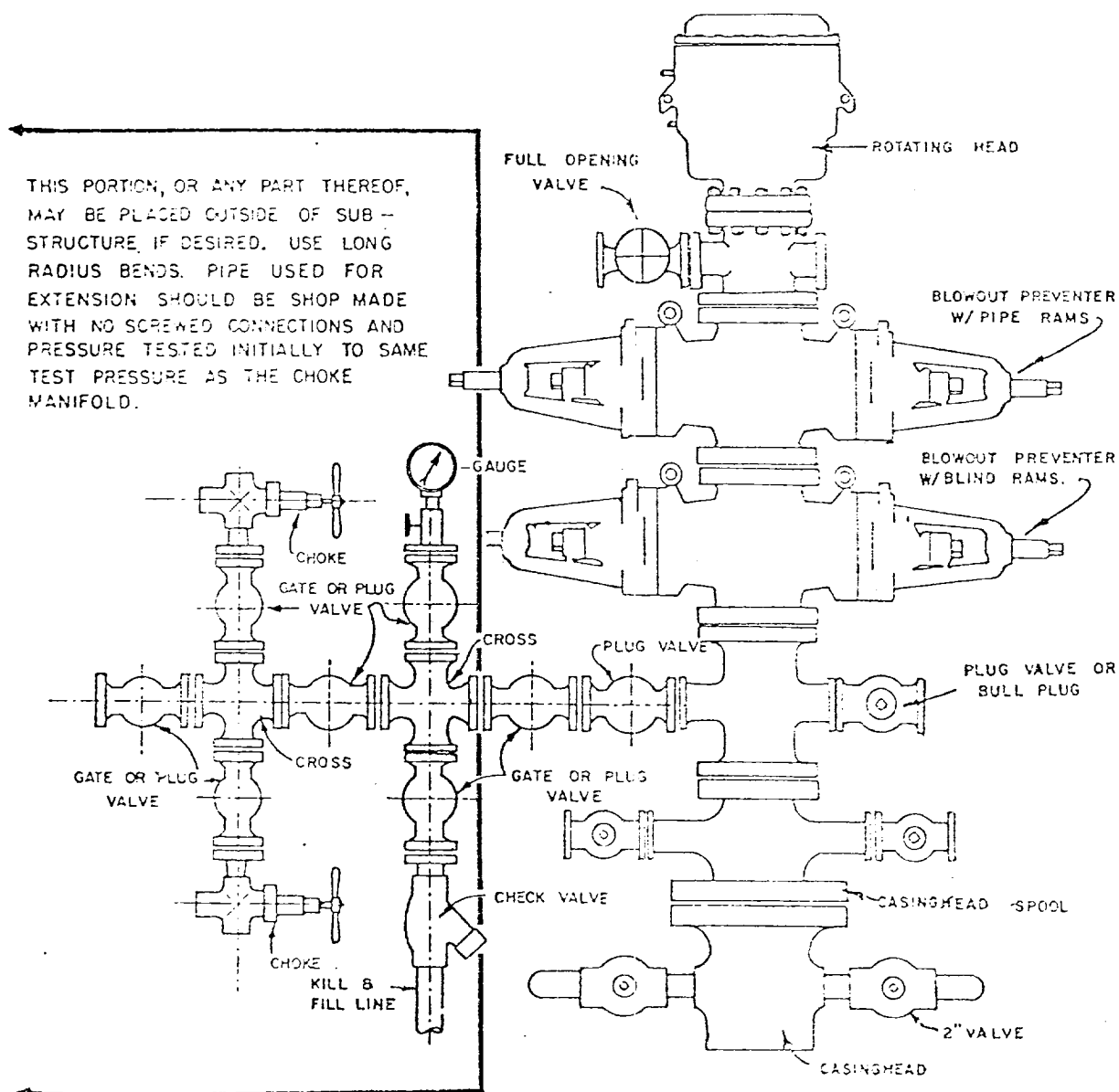
October 1, 1982

Registered Professional Engineer
and Land Surveyor

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

Certificate No.

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.