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NEW MEXICO OIL CONSERVATION COMMISSION

APPROVAL VALID
FOR 90 DAYS UNLESS
DULY COMMENCED,

EXPIRES 12/27/76

30-045-22197

Form C-101
Revised 1-1-65

| | |
|--|---|
| 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 | |
| Likins Gas Com "A" | |
| 9. Well No. | |
| 1A | |
| 10. Field and Pool, or Wildcat | |
| Blanco Mesaverde | |
| 12. County | |
| San Juan | |
| 19. Proposed Depth | 19A. Formation |
| 4825' | Mesaverde |
| 20. Rotary or C.T. | |
| Rotary | |
| 21. Elevations (Show whether DF, RT, etc.) | 21A. Kind & Status Plug. Bond |
| 5699' GL (est.) | Statewide |
| 21B. Drilling Contractor | 22. Approx. Date Work will start |
| Unknown | October, 1976 |

| | |
|---|--|
| 1a. Type of Work | |
| b. Type of Well | |
| DRILL <input checked="" type="checkbox"/> | DEEPEN <input type="checkbox"/> |
| OIL WELL <input type="checkbox"/> | GAS WELL <input checked="" type="checkbox"/> |
| OTHER <input type="checkbox"/> | |
| 2. Name of Operator | |
| AMCO PRODUCTION COMPANY | |
| 3. Address of Operator | |
| 301 Airport Drive, Farmington, New Mexico 87401 | |
| 4. Location of Well | |
| UNIT LETTER J | LOCATED 1650 FEET FROM THE South LINE |
| AND 1640 FEET FROM THE East | LINE OF SEC. 34 TWP. 30N RGE. 9W NMPM |
| 21. Elevations (Show whether DF, RT, etc.) | |
| 5699' GL (est.) | |
| 21A. Kind & Status Plug. Bond | |
| Statewide | |
| 21B. Drilling Contractor | |
| Unknown | |
| 22. Approx. Date Work will start | |
| October, 1976 | |

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" | 9-5/8" | 40# | 250' | 280 | Circulate |
| 8-3/4" | 7" | 20# | 2850' | 680 | Circulate |
| 6-1/4" | 4-1/2" | 11.5# | 2650-4825' | 350 | Circulate |

Amoco proposes to drill the above well to develop the Mesaverde reservoir. The well will be drilled using rotary tools with water and Benex as the circulating media to the intermediate casing point. The well will be gas drilled from the intermediate casing point to TD. Production casing will be set thru the Mesaverde formation on completion. Perforations and stimulation will be based on analysis of 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 levelled.

Gas produced from this well is dedicated to El Paso Natural Gas Company.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND REQUESTED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

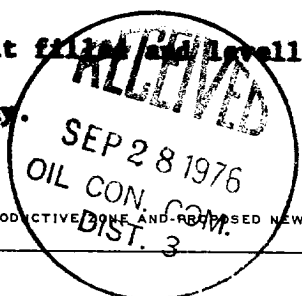
I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed He Montgomery Title Area Engineer Date September 27, 1976

(This space for State Use)

APPROVED BY AR Kendrick TITLE _____ DATE SEP 28 1976

CONDITIONS OF APPROVAL, IF ANY:



NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

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

| | | | | | |
|---|----------------------|------------------------|------------------------------------|---------------------------|-----------------------|
| Operator Amoco Production Company | | | Lease Likins Gas Com "A" | | Well No. 1A |
| Unit Letter J | Section 34 | Township 30N | Range 9W | County San Juan | |

Actual Footage Location of Well:

1650 feet from the **South** line and **1640** feet from the **East** line

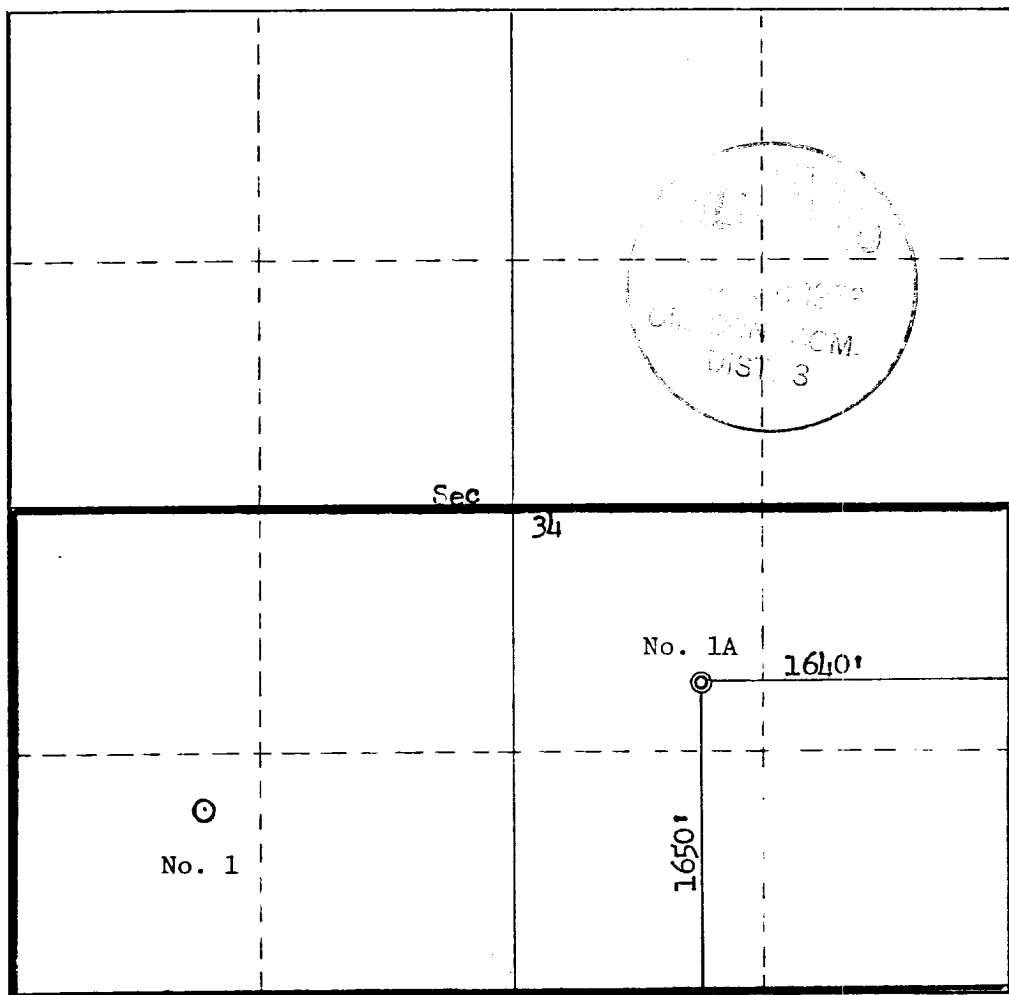
| | | | |
|--|--|---------------------------------|--|
| Ground Level Elev. 5695 est. | Producing Formation Mesa Verde | Pool Blanco Mesaverde | Dedicated Acreage; 320 Acres |
|--|--|---------------------------------|--|

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 _____

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.

H. D. Montgomery

Name
H. D. Montgomery

Position
Area Engineer

Company
AMOCO PRODUCTION COMPANY

Date
September 27, 1976

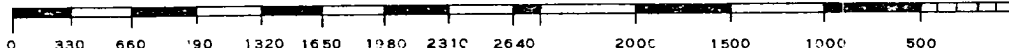
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
September 16, 1976

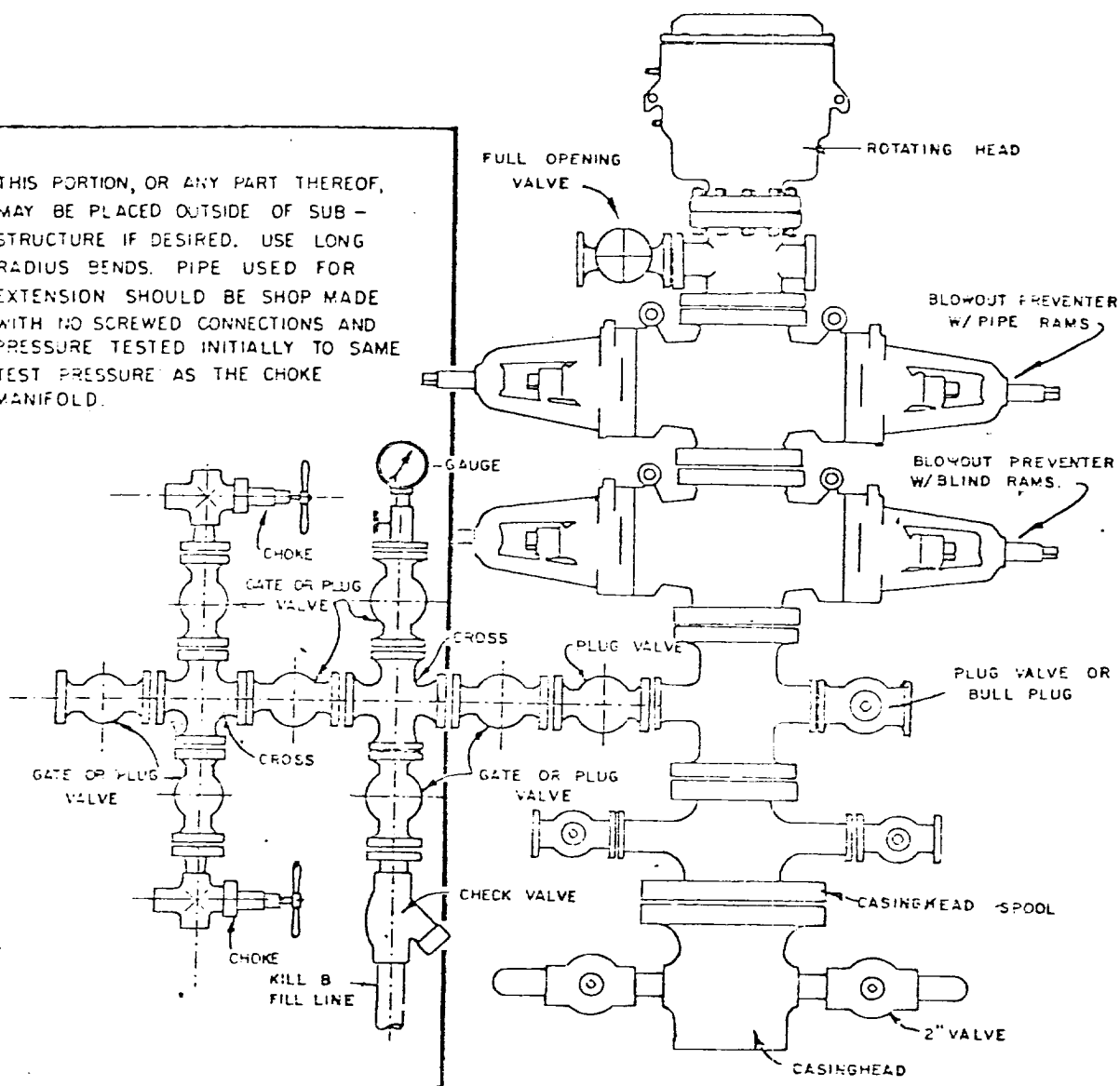
Registered Professional Engineer and/or Land Surveyor

Fred B. Kerr Jr.
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

EXHIBIT D-4
OCTOBER 16, 1969

