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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

| | |
|--------------------------------------------|------------------------------|
| 5A. Indicate Type of Lease: | |
| STATE <input checked="" type="checkbox"/> | FEE <input type="checkbox"/> |
| 5. State Oil & Gas Lease No. NM-E-10405 | |

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

| | | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------|--|
| 1a. Type of Work | | 7. Unit Agreement Name | |
| b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> | | 8. Farm or Lease Name State <i>Conn</i> | |
| 2. Name of Operator Tenneco Oil Company | | 9. Well No. 4M | |
| 3. Address of Operator Box 3249, Englewood, CO 80155 | | 10. Field and Pool, or Wildcat Basin Dakota/Bl. Mesaverde | |
| 4. Location of Well UNIT LETTER <u>D</u> LOCATED <u>1230</u> FEET FROM THE <u>North</u> LINE AND <u>635</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>32</u> TWP. <u>29N</u> RGE. <u>9W</u> NMPM | | 12. County San Juan | |
| 19. Proposed Depth 7020' | | 19A. Formation Dakota/Mesaverde | |
| 20. Rotary or C.T. Rotary | | 21. Elevations (Show whether DF, RT, etc.) 5779' Gr. | |
| 21A. Kind & Status Plug. Bond General | | 21B. Drilling Contractor 4 Corners | |
| 22. Approx. Date Work will start ASAP | | | |

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" | 36# | + 250' | Circ. to Surface | |
| 8 3/4" | 7" | 23# | + 5130' | Circ. to Surface | |
| 6 1/4" | 4 1/2" | 10.5#, 11.6# | - 7020' | Circ. to Liner Top | |

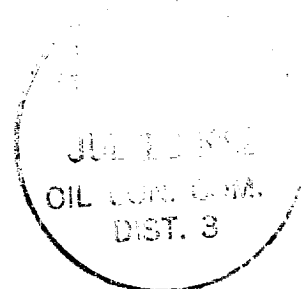
See Attached Drilling Procedure

Gas is Dedicated

Non-standard Location Approved 7/8/82

APPROVAL VALID
FOR ~~90~~ ⁶⁰ DAYS UNLESS
DRILLING COMMENCED,

EXPIRES Jan 19, 1983



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 Ken Russell Title Senior Production Analyst Date July 14, 1982

(This space for State Use)

APPROVED BY Frank P. Cherry TITLE SUPERVISOR DISTRICT # 3 DATE JUL 19 1982

CONDITIONS OF APPROVAL, IF ANY:

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

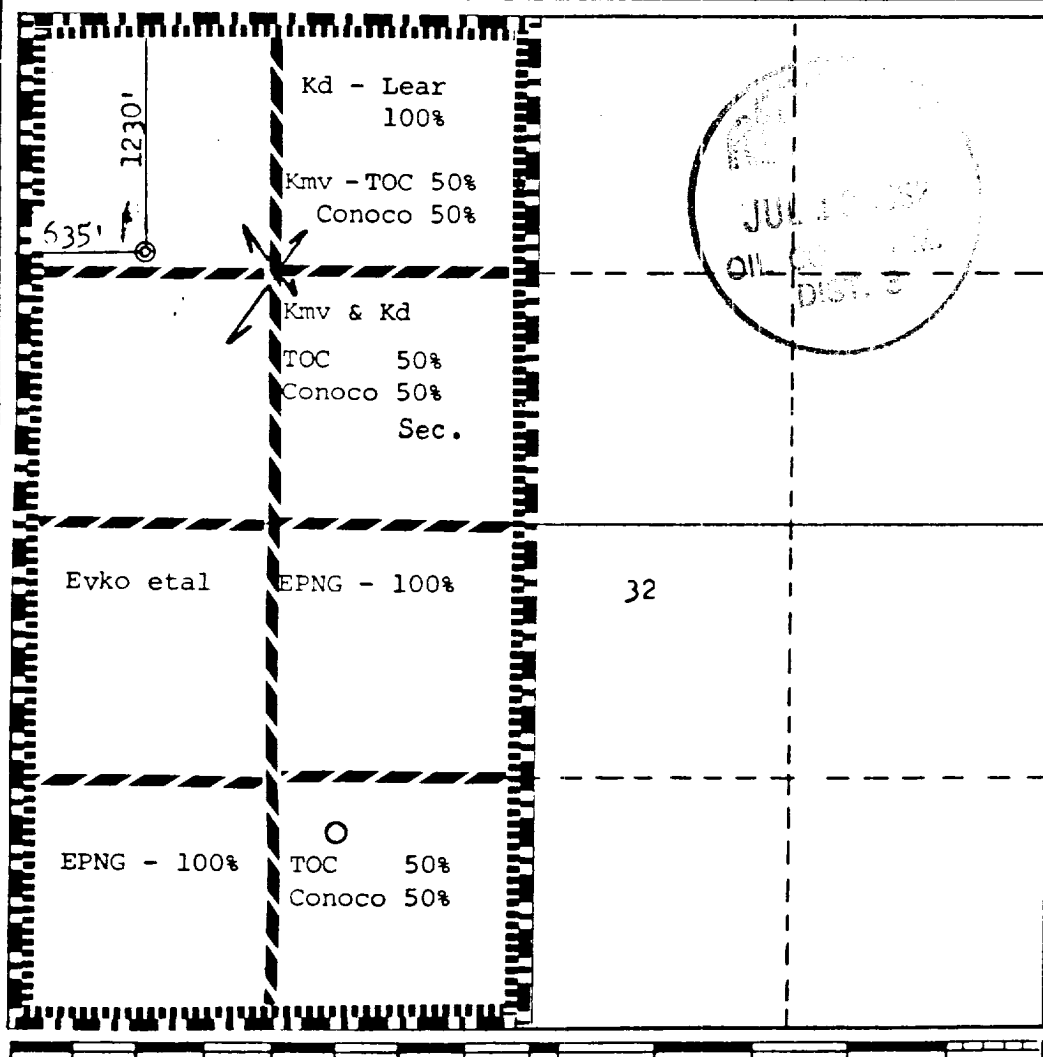
| | | | | |
|-------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|----------------------------------------------|--------------------------------------------|---------------------------|
| Operator TENNECO OIL COMPANY | | Lease STATE ComC | | Well No. LM |
| Unit Letter D | Section 32 | Township 29N | Range 9W | County San Juan |
| Actual Footage Location of Well: 1230 feet from the North line and 635 feet from the West line | | | | |
| Ground Level Elev. 5779 | Producing Formation Dakota/Mesaverde | Pool Basin Dakota/Blanco Mesaverde | Dedicated Acreage: 320/320 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.

Ken Russell

Name
Ken Russell
Position
Sr. Production Analyst

Company
Tenneco Oil Company

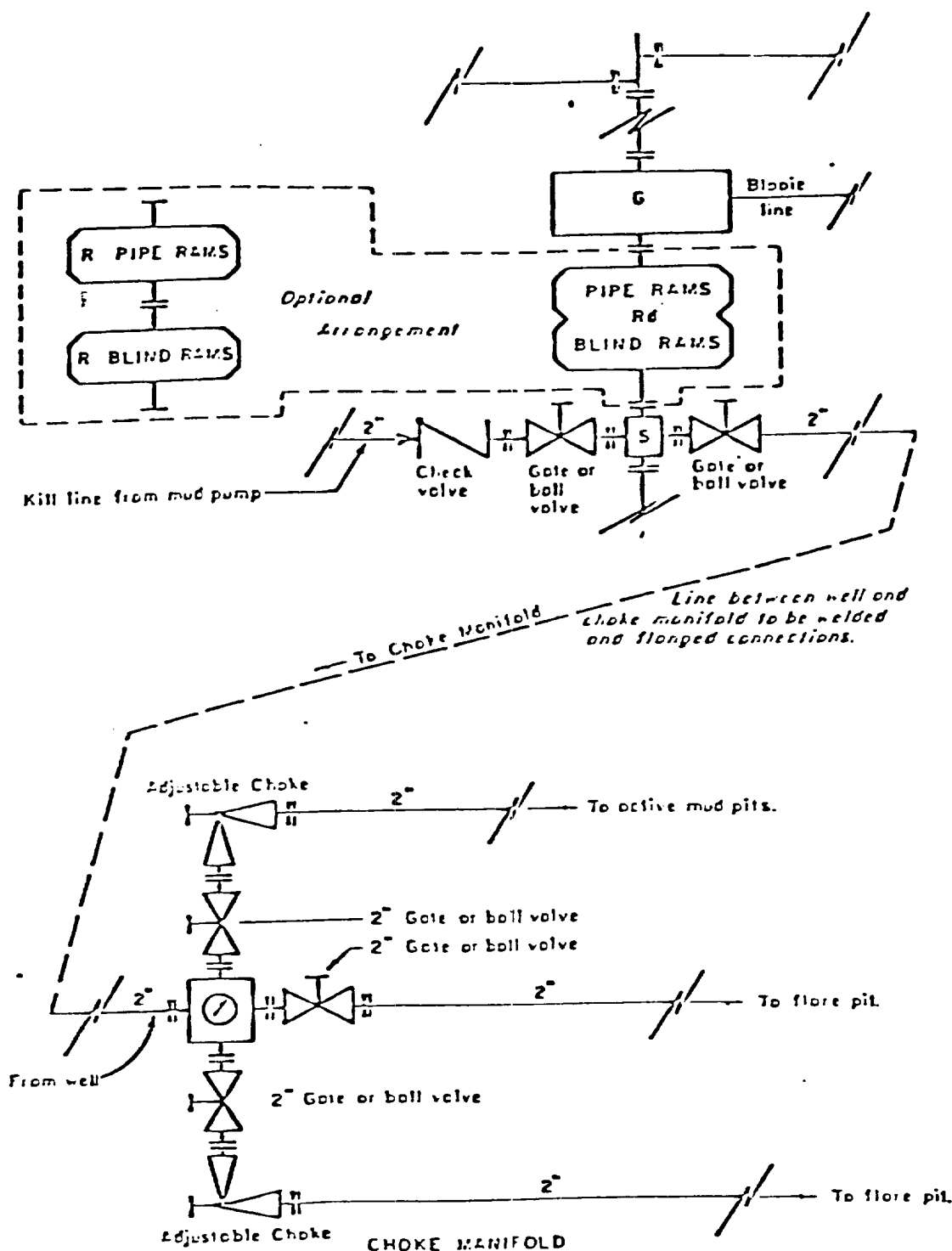
Date
6/16/82

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
June 2, 1982
Registered Professional Engineer and/or Licensed Surveyor

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

Certificate No.



All equipment to be 3,000 psi working pressure except as noted.

- Rd Double ram type preventer with two sets of rams.
- R Single ram type preventer with one set of rams.
- S Drilling spool with side outlet connections for choke and kill lines.
- G Rotating head 150 psi working pressure minimum

ARRANGEMENT C

TENNECO OIL COMPANY
ROCKY MOUNTAIN DIVISION
REQUIRED MINIMUM
BLOWOUT PREVENTER AND
CHOKE MANIFOLD

J. MAGILL 10-26-78 EVI

BLOOMFIELD QUADRANGLE
NEW MEXICO-SAN JUAN CO
15 MINUTE SERIES (TOPOGRAPHIC)

44571
INAVAJO DAM

