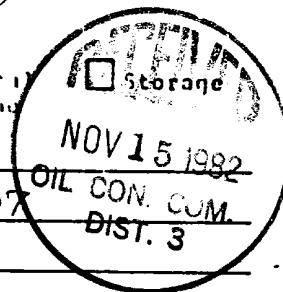


17-26-20N-9W State #1

## APPLICATION FOR AUTHORIZATION TO INJECT

- I. Purpose: ☒ Secondary Recovery ☐ Pressure Maintenance ☐ Disposal ☐ Storage  
Application qualifies for administrative approval? ☒ yes ☐ no
- II. Operator: Red Mountain Associates  
Address: 2626 Holly St Denver Co 80207  
Contact party: \_\_\_\_\_ Phone: \_\_\_\_\_
- III. Well data: Complete the data required on the reverse side of this form for each well proposed for injection. Additional sheets may be attached if necessary.
- IV. Is this an expansion of an existing project? ☒ yes ☐ no  
If yes, give the Division order number authorizing the project R-6538
- V. Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.
- \* VI. Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.
- VII. Attach data on the proposed operation, including:
1. Proposed average and maximum daily rate and volume of fluids to be injected;
  2. Whether the system is open or closed;
  3. Proposed average and maximum injection pressure;
  4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and
  5. If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).
- \* VIII. Attach appropriate geological data on the injection zone including appropriate lithologic detail, geological name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such source known to be immediately underlying the injection interval.
- IX. Describe the proposed stimulation program, if any.
- \* X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division they need not be resubmitted.)
- \* XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.
- XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground source of drinking water.
- XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form.
- XIV. Certification
- I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.
- Name: Mohamed ZENATI Title: Engineer  
Signature: [Signature] Date: 10/20/82
- \* If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be duplicated and resubmitted. Please show the date and circumstance of the earlier submittal.



## INJECTION WELL DATA SHEET

Red Mountain Associates

OPERATOR

LEASE

WELL NO.

970FNL 970FEL

SECTION

28

TOWNSHIP

20N

RANGE

3W

SchematicTabular DataSurface CasingSize 4 1/2 " Cemented with \_\_\_\_\_ sx.

TOC \_\_\_\_\_ feet determined by \_\_\_\_\_

Hole size 6 1/4Intermediate Casing

Size \_\_\_\_\_ " Cemented with \_\_\_\_\_ sx.

TOC \_\_\_\_\_ feet determined by \_\_\_\_\_

Hole size \_\_\_\_\_

Long stringSize 4 1/2 " Cemented with 20. sx.

TOC \_\_\_\_\_ feet determined by \_\_\_\_\_

Hole size 6 1/4Total depth 490Injection interval490 feet to 520 feet  
(perforated or open-hole, indicate which)Tubing size 2 3/8 lined with \_\_\_\_\_ set in a  
(material)

(brand and model) \_\_\_\_\_ packer at \_\_\_\_\_ feet

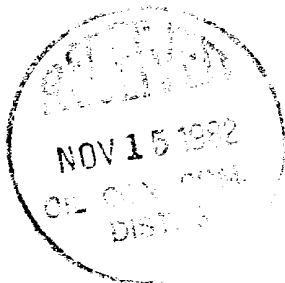
(or describe any other casing-tubing seal).

Other Data1. Name of the injection formation MeneFee2. Name of Field or Pool (if applicable) CHACO WASH3. Is this a new well drilled for injection? ☐ Yes ☒ NoIf no, for what purpose was the well originally drilled? Producer

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) \_\_\_\_\_

No

5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area. \_\_\_\_\_

None



# MESTEMP DRILLING COMPANY, INC.

PETROLEUM ENGINEERING • DRILLING • COMPLETION

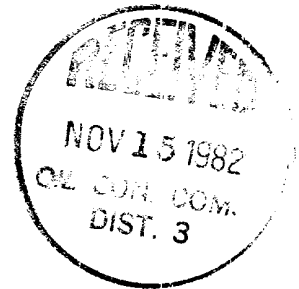
BALTIMORE OFFICE: 1517 REISTERSTOWN ROAD, SUITE 205, BALTIMORE, MARYLAND 21208

(301) 653-3050

DENVER OFFICE: 2826 HOLLY STREET, DENVER, COLORADO 80207

(303) 333-8143

- Item V : Information already submitted
- Item VI : " " "
- Item VII : 1- Average injection rate 20 BWPD  
Maximum injection rate 40 BWPD  
2- Closed system  
3- Proposed average injection pressure 68 psi  
" - maximum " " 68 psi  
4- Information already submitted
- Item VIII : Information already submitted
- Item IX : None planned
- Item X : Information already submitted
- Item XI : " " "
- Item XII : Not applicable
- Item XIII : Red Mountain Associates is the only operator within a mile radius

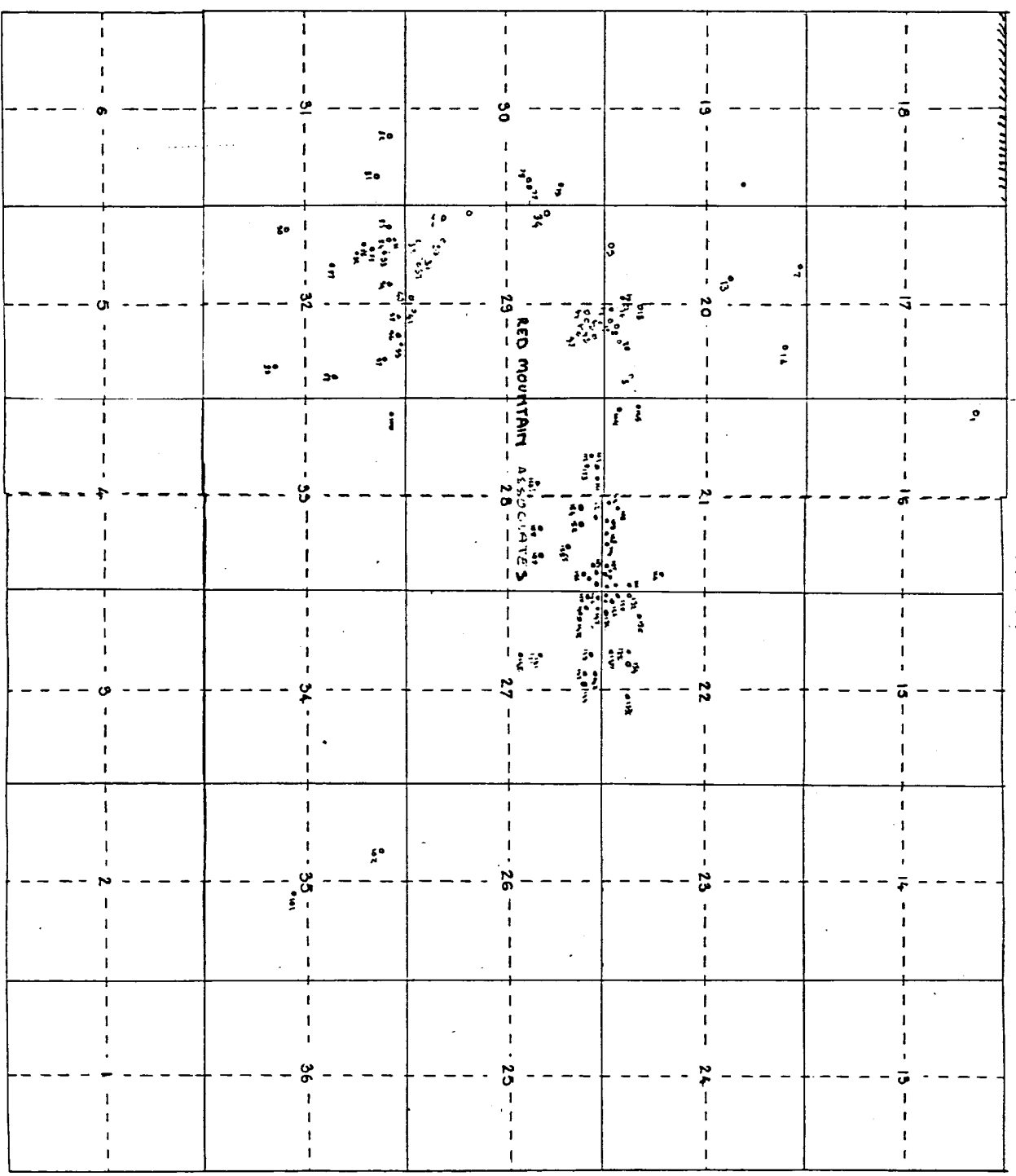


NOV 15 1982  
OIL CON. COM.  
DIST. 3



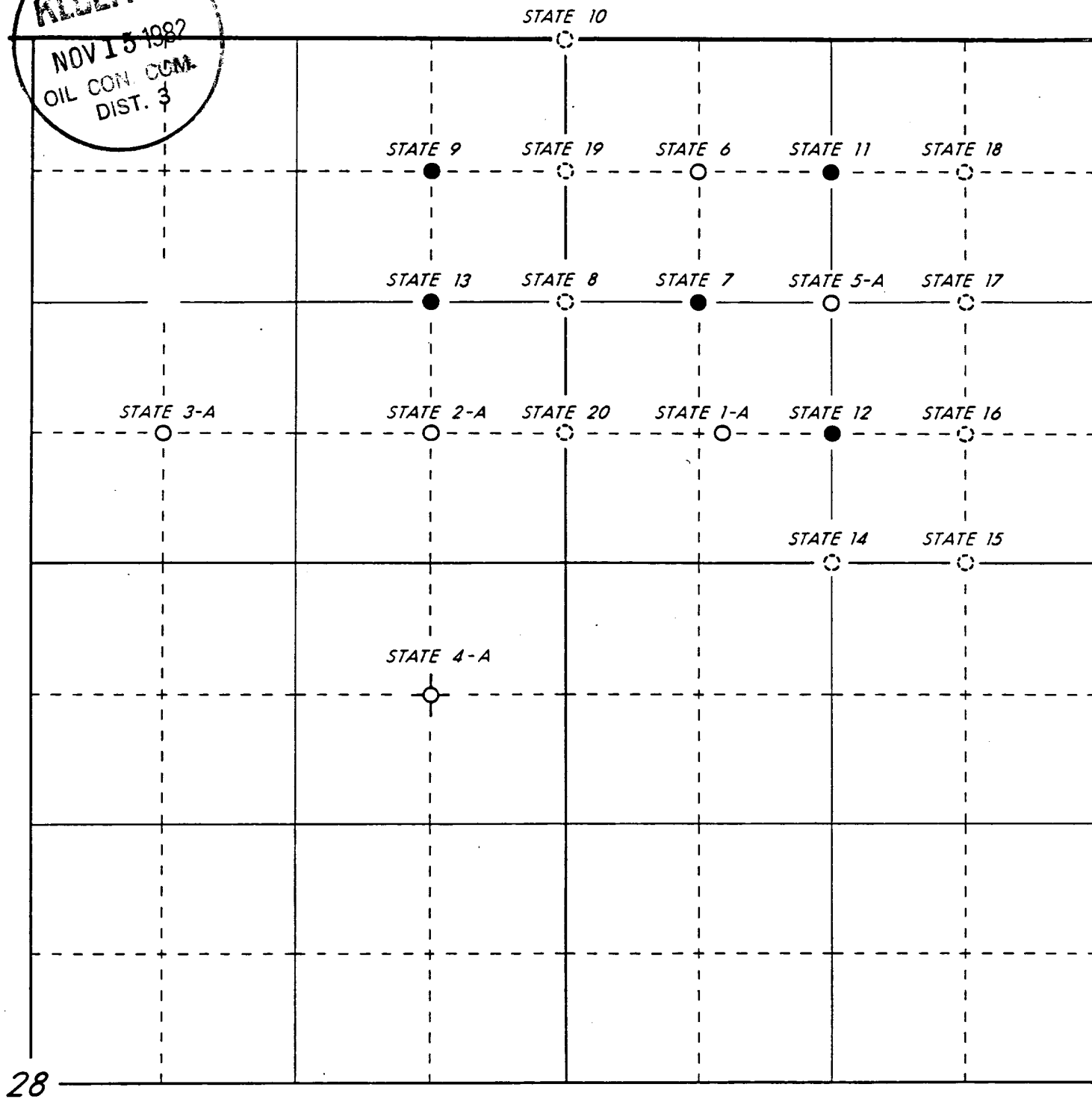
CHACO WASH AREA

○ Well location



R9W

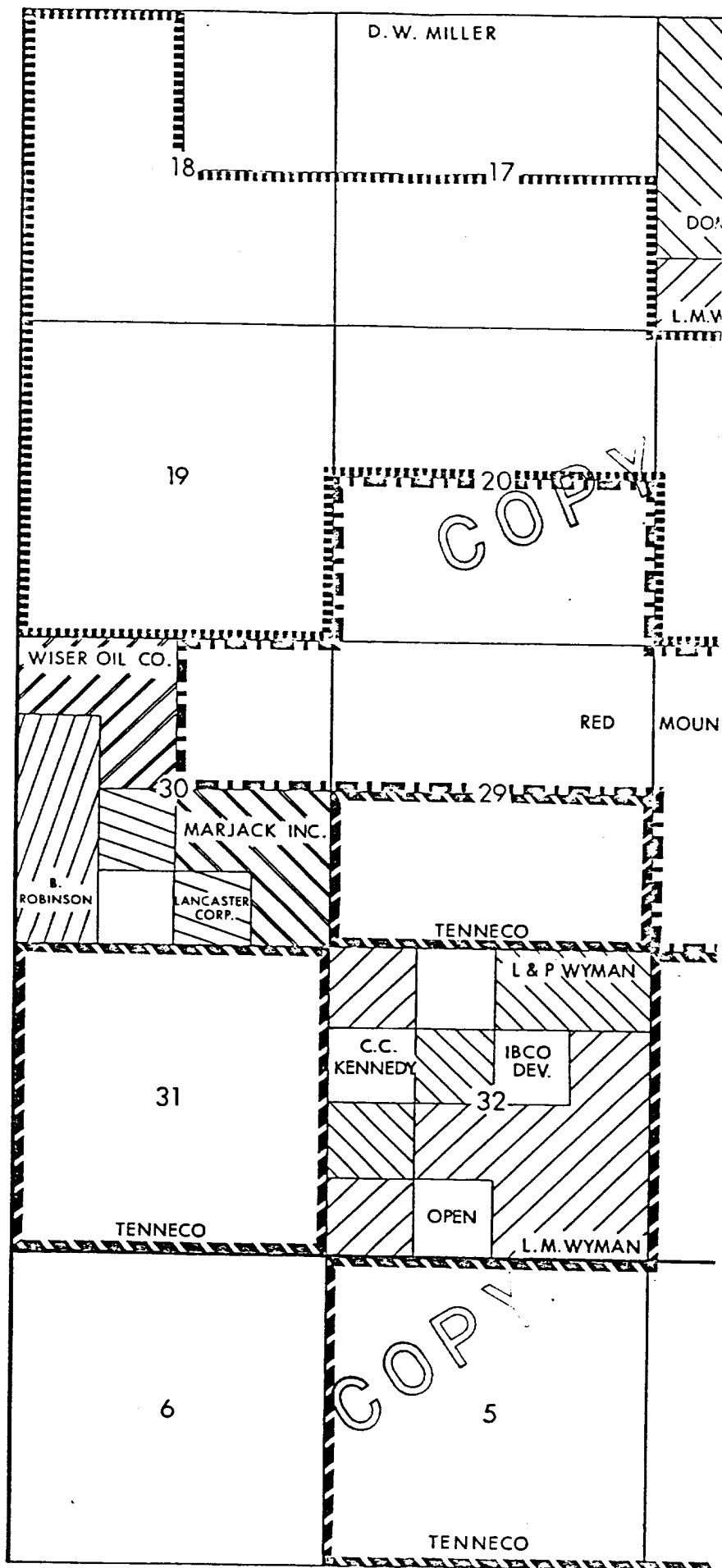
T20N



# CHACO WASH POOL

28 - 20 N - 9 W

○ LOCATION OF EXISTING WELL  
⊙ LOCATION OF PROPOSED WELL



0 1/4 1/2 1 MILE

DEV.

M. WYMAN

TENN.

15

14

13

SANTA FE ENERGY

22

23

24

SOCIATES

27

26

25

TENNECO

34

35

36

SANTA FE ENERGY

3

2

1

L.M. YATES

GULF OIL CO.

T 20 N

COPY

COPY

# CHACO WASH AREA

OWNERSHIP PLAT