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SUBMIT IN TRIPLICATE*
(Other inst. on
reverse side)Form approved.
Budget Bureau No. 42-R1425.UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-005-60466

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"/> | | 5. LEASE DESIGNATION AND SERIAL NO. NM-13986 |
| b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/> | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME |
| 2. NAME OF OPERATOR MOUNTAIN STATES PETROLEUM CORPORATION | | 7. UNIT AGREEMENT NAME |
| 3. ADDRESS OF OPERATOR P.O. Box 1936 Roswell, NM 88201 | | 8. FARM OR LEASE NAME Trigg Federal |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 660' FNL & 2310' FWL At proposed prod. zone same | | 9. WELL NO. 1 |
| 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 8 miles NE of Hagerman, NM | | 10. FIELD AND POOL, OR WILDCAT Wildcat <i>San Andres</i> |
| 15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 330 | 16. NO. OF ACRES IN LEASE 120 | 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 26-T13S-R27E |
| 18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. P&A 330' west | 19. PROPOSED DEPTH 2350 | 12. COUNTY OR PARISH Chaves |
| 21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3565 GL | | 13. STATE NM |
| 22. APPROX. DATE WORK WILL START* 12/22/77 | | |

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DEC 14 1977

O. C. C.

ARTESIA, OFFICE

PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--------------|----------------|-----------------|---------------|--------------------|
| 11 | 8-5/8 | 24 | 175 | Circulate |
| 7-7/8 | 5-1/2 | 14 | 2000 | 100 sxs |

After setting 8-5/8' surface casing, Contractor will install control head (no gas or high pressure encountered in off-set cable tool hole). Drill with native mud and water to approximately 2000' and run and cement 5-1/2 inch casing. Move off rotary and move on cable tools. Drill San Andres pay interval with cable tools and complete open hole. If no commercial production encountered, pull free 5-1/2" casing and plug hole according to USGS requirements. If commercial production found, complete well, stimulate with acid as necessary, construct production facilities and produce.

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NOV 29 1977

U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

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. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED KC Hagan TITLE Geologist DATE 11/23/77

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE DEC 13 1977APPROVED BY Joe D. Lora TITLE ACTING DISTRICT ENGINEER DATE DEC 13 1977

CONDITIONS OF APPROVAL, IF ANY:

CONTINUED IF OPERATIONS
ARE NOT COMMENCED WITHIN 3 MONTHS.EXPIRES MAR 13 1978

*See Instructions On Reverse Side