

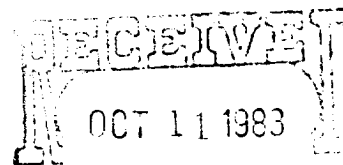
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY30-041-20696  
5. LEASE DESIGNATION AND SERIAL NO.  
NM-0108997-B  
6. IF INDIAN, ALLOTTEE OR TRIBE NAME

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK  
DRILL ☒ DEEPEN ☐ PLUG BACK ☐ RECEIVED BY  
b. TYPE OF WELL  
OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐  
2. NAME OF OPERATOR JOE E. BROWN  
3. ADDRESS OF OPERATOR P.O. BOX 543, LOVINGTON, NEW MEXICO 88260  
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
At surface 2630' FNL AND 1310' FWL OF SECTION 28  
At proposed prod. zone  
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
14 MILES WEST-SOUTHWEST OF MILNESAND, NEW MEXICO  
10. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1310'  
16. NO. OF ACRES IN LEASE 2160  
17. NO. OF ACRES ASSIGNED TO THIS WELL 40  
18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 919'  
19. PROPOSED DEPTH 4500'  
20. ROTARY OR CABLE TOOLS ROTARY  
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 4419 GR  
22. APPROX. DATE WORK WILL START\* UPON APPROVAL  
23. PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT      |
|--------------|----------------|-----------------|---------------|-------------------------|
| 12-1/4"      | 8-5/8"         | 24#             | 1800'         | SUFFICIENT TO CIRCULATE |
| 7-7/8"       | 4-1/2"         | 9.5#            | 4500'         | 300 SACKS               |

PRODUCING ZONE WILL BE PERFORATED AND STIMULATED AS NECESSARY.

SEE ATTACHED FOR: SUPPLEMENTAL DRILLING DATA  
BOP SKETCH  
SURFACE USE AND OPERATIONS PLAN  
SURFACE RESTORATION REQUIREMENTS

OIL &amp; GAS

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 Arthur R. Brown TITLE Agent DATE October 7, 1983  
(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY A. C. Lopez TITLE \_\_\_\_\_ DATE 10/27/83  
CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_

\*See Instructions On Reverse Side

NMOCD Approval For Unorthodox Location

APPROVAL SUBJECT TO  
GENERAL REQUIREMENTS AND  
SPECIAL STIPULATIONS  
ATTACHED

**NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102  
Supersedes C-128  
Effective 1-4-65

All distances must be from the outer boundaries of the Section

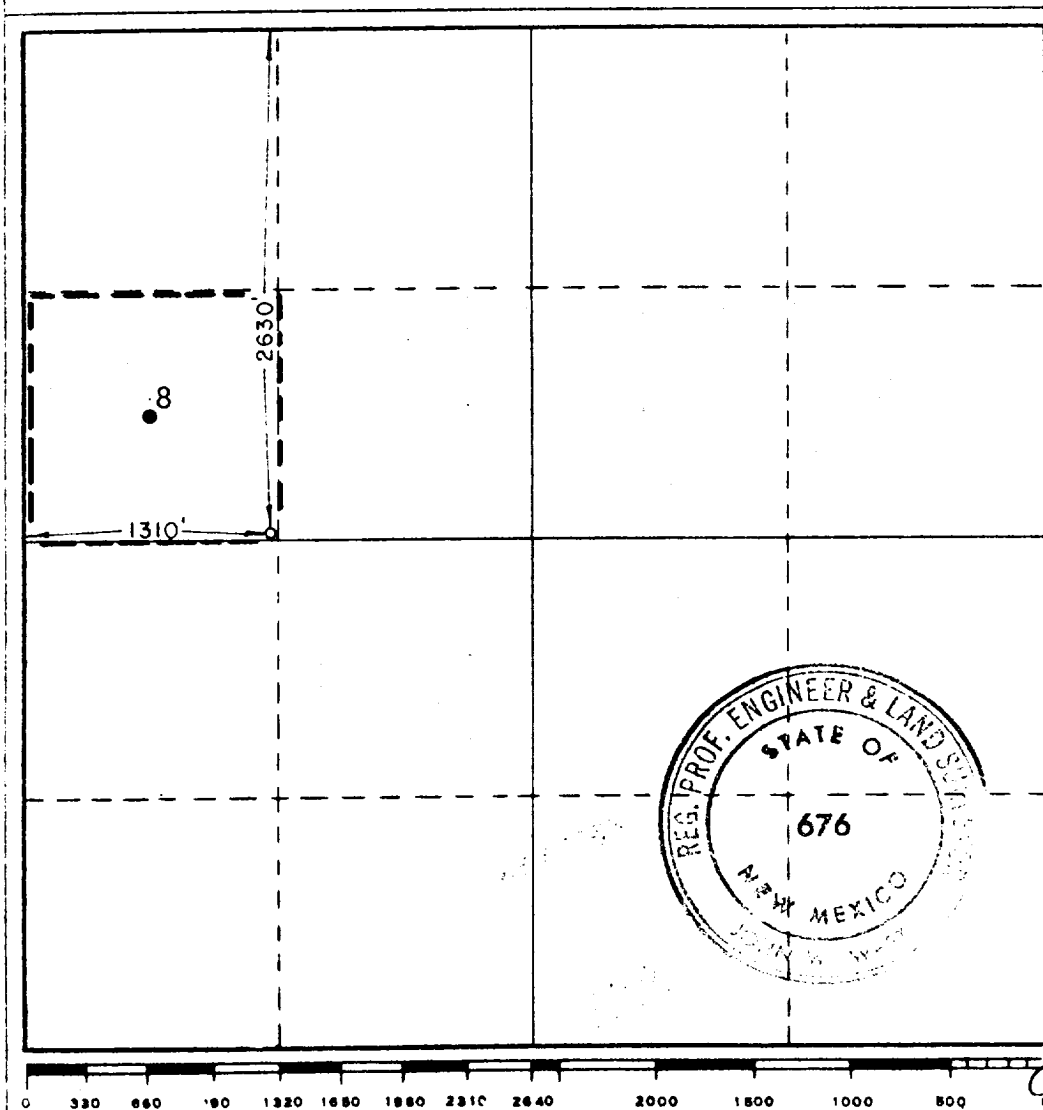
|  |  |                            |                                    |                            |                                       |
|--|--|----------------------------|------------------------------------|----------------------------|---------------------------------------|
| Operator<br><b>JOE E. BROWN</b>  |  |                            | Lease<br><b>FARRELL FEDERAL</b>    |                            | Well No.<br><b>20</b>                 |
| Init Letter<br><b>E</b>  | Section<br><b>28</b>                     | Township<br><b>7 SOUTH</b> | Range<br><b>33 EAST</b>            | County<br><b>ROOSEVELT</b> |                                       |
| Actual Footage Location of Well:<br><div style="display: flex; justify-content: space-between;"> <span>2630 feet from the NORTH line and</span> <span>1310 feet from the WEST line</span> </div> |  |                            |                                    |                            |                                       |
| Ground Level Elev.<br><b>4419.0</b>  | Producing Formation<br><b>SAN ANDRES</b> |                            | Pool<br><b>CHAVEROO SAN ANDRES</b> |                            | Dedicated Acreage:<br><b>40</b> 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.

Name *Arthur R. Brown*  
**Arthur R. Brown**

Position  
**Agent**

Company  
**JOE E. BROWN**

Date  
**October 7, 1983**

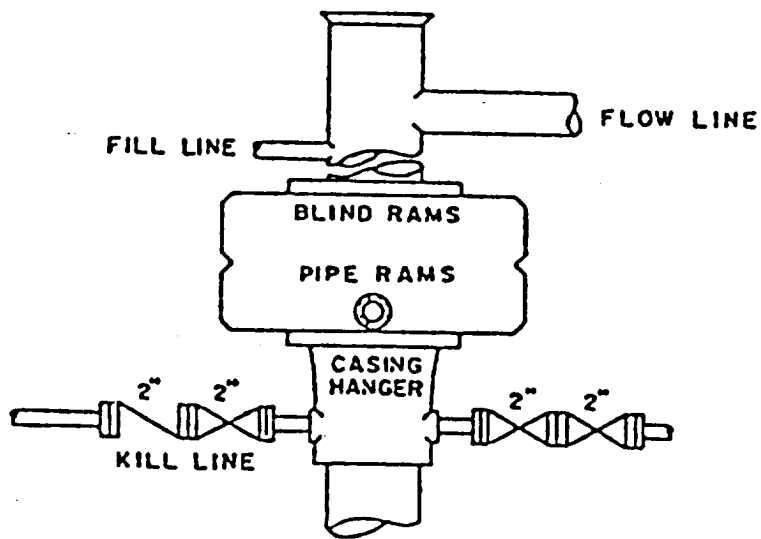
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed  
**SEPTEMBER 16, 1983**

Registered Professional Engineer and/or Land Surveyor

*John W. West*  
Certificate No. **JOHN W. WEST, 676**  
**RONALD J. EIDSON, 3239**

0 320 640 960 1280 1600 1920 2240 2560 2880 3200 3520 3840 4160 4480 4800 5120 5440 5760 6080 6400



BOP STACK

SERIES 600

DEPTH INTERVAL

BELOW 8-5/8" CASING SEAT

BOP ARRANGEMENT