

UNITED STATES  
DEPARTMENT OF THE INTERIOR

## GEOLOGICAL SURVEY

30-045-25012

5. LEASE DESIGNATION AND SERIAL NO.

SF-078530

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal 20

9. WELL NO.

1-R

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

11. SEC., T., R., M., OR BLE.

J  
Sec. 20-T25N-R9W

N.M.P.M.

12. COUNTY OR PARISH

San Juan

N.M.

17. NO. OF ACRES ASSIGNED

E/320

20. ROTARY OR CABLE TOOLS

Rotary

22. APPROX. DATE WORK WILL START\*

5-1-81

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

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL  
WELL ☐GAS  
WELL ☒

OTHER

2. NAME OF OPERATOR

M. J. Brannon

3. ADDRESS OF OPERATOR

3417 Hulen Street, Suite 124, Ft. Worth, TX 76107

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*

At surface

1850' FSL, 1800' FEL

At proposed prod. zone

Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

22 miles South of Bloomfield, N.M.

15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drilg. unit line, if any)

1800'

18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

1000'

16. NO. OF ACRES IN LEASE

880' 280

19. PROPOSED DEPTH

6535'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

6675' GL

DRILLING OPERATIONS AUTHORIZED ARE  
SUBJECT TO COMPLIANCE WITH ATTACHEDPROPOSED CASING AND CEMENTING PROGRAM  
GENERAL REQUIREMENTSThis action is subject to administrative  
appeal pursuant to 30 CFR 290.

230 sacks

900 sacks, 3 stage

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH
12-1/4"	8-5/8"	24.0	250'
7-7/8"	4-1/2"	10.50	6590'

All producing intervals in Dakota Formation will be perforated and stimulated as necessary.

## EXHIBITS

"A" Location and Elevation Plat  
"B" Ten Point Compliance Program  
"C" Blowout Preventer Diagram  
"D" Multi-Point Requirements of APD

"E" Access Road to Location  
"F" Radius Map of Field  
"G" Drill Rig Layout  
"H" Fracturing Program Layout  
"I" Location Profile

The gas from this well is Committed

The E/2 Section 20, is dedicated to this well.

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. FOR: M. J. Brannon ORIGINAL SIGNED BY President, Walsh Engr.

SIGNED

Ewell N. Walsh, P.E.

EWELL N. WALSH

TITLE

&amp; Production Corp.

DATE 3-25-81

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED  
AS AMENDED

APR 22 1981

JAMES F. SIMS  
DISTRICT ENGINEER

\*See Instructions On Reverse Side

NMOC

## OIL CONSERVATION DIVISION

STATE OF NEW MEXICO

P. O. BOX 2088

Form C-107  
Revised 10-1-

ENERGY AND MINERALS DEPARTMENT

SANTA FE, NEW MEXICO 87501

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

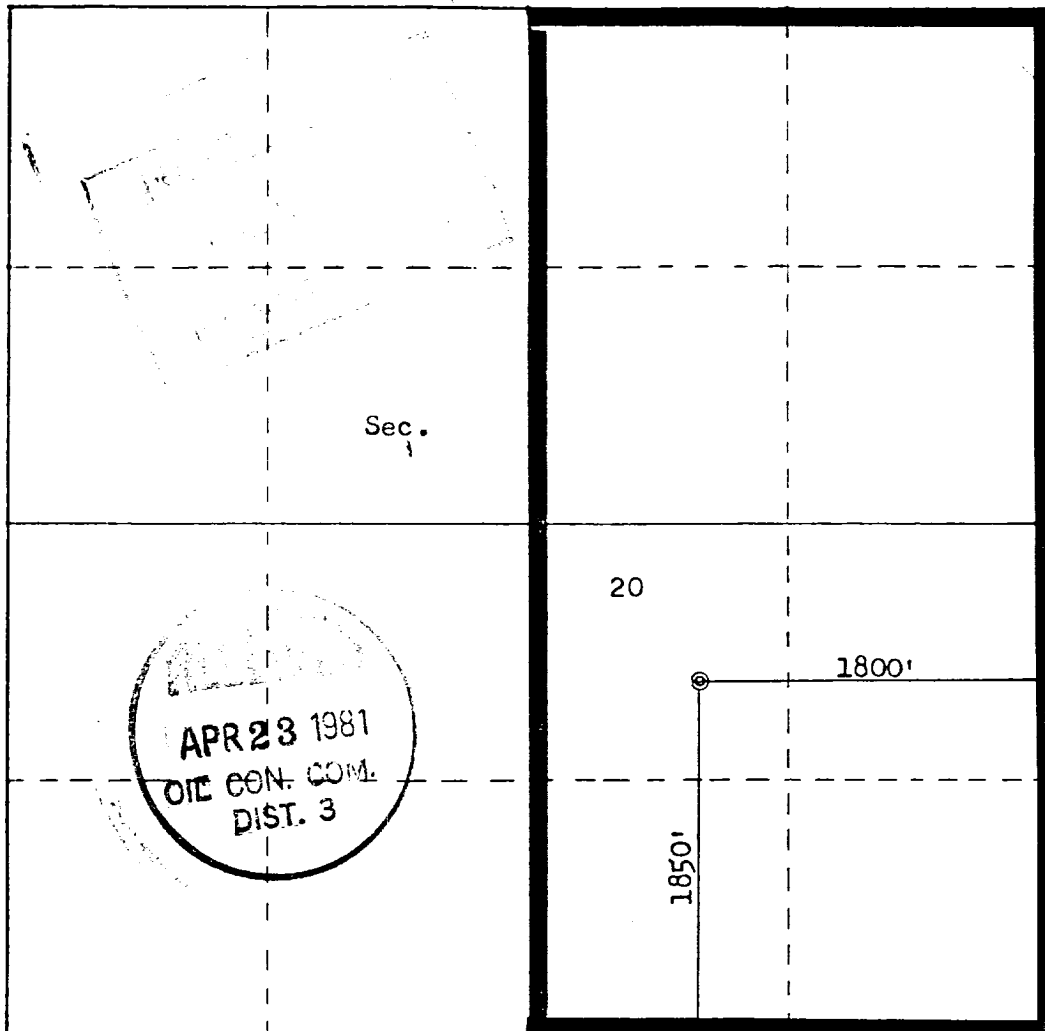
Operator <b>M. J. BRANNON</b>		Lease <b>FEDERAL 20</b>		Well No. <b>1R</b>
Unit Letter: <b>J</b>	Section: <b>20</b>	Township: <b>25N</b>	Range: <b>9W</b>	County: <b>San Juan</b>
Actual Footage Location of Well: <b>1850</b> feet from the <b>South</b> line and <b>1800</b> feet from the <b>East</b> line				
Ground Level Elev. <b>6675</b>	Producing Formation <b>Dakota</b>	Pool <b>Basin Dakota</b>	Dedicated Acreage: <b>320</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.



Scale: 1"=1000'

## CERTIFICATION

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

FOR: **M. J. BRANNON**  
Name **Ewell N. Walsh, P.E.**

President

Position **Walsh Engr. & Production Corporation**

Company  
**3-25-81**

Date

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 **March 20, 1981**  
Registered Professional Engineer and Land Surveyor

**Fred B. Kert Jr.**

Certificate No. **3950**

