

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL ☒ DEEPEN ☐ PLUG BACK ☐		5. LEASE DESIGNATION AND SERIAL NO. NM - 18240 - A
b. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR H. L. BROWN, JR.		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR P. O. Box 2237, Midland, Texas 79701		8. FARM OR LEASE NAME Federal "F"
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 990' FWL, 2310' FSL At proposed prod. zone 1650		9. WELL NO. 1
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 10 miles east Milnesand, New Mexico		10. FIELD AND POOL, OR WILDCAT Bluitt(Wolfcamp)Gas
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 990'	16. NO. OF ACRES IN LEASE 320	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 3, T-8S, R-37E
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. -	19. PROPOSED DEPTH 8200'	12. COUNTY OR PARISH Roosevelt
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 4037.8 4045 GL		13. STATE NM
23. PROPOSED CASING AND CEMENTING PROGRAM		20. ROTARY OR CABLE TOOLS Rotary
		22. APPROX. DATE WORK WILL START* Oct. 1, 1975

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	12-3/4"	33.3#	500'	500 sx. CIRCULAT
11"	8-5/8"	24#, 32#	3700'	500 sx.
7-7/8"	5-1/2"	17#, 15.5#	8200'	500 sx.

SEE ATTACHED

DEC 29 1975

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 Jack P. McGraw TITLE Drilling & Production Mgr. DATE Sept. 15, 1975
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

Jim Sims

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form O-102
Supersedes O-128
1-1-1964 (4-6-65)

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

H. L. Brown Jr.

Federal "F"

L

3

8 South

37 East

Roosevelt

1650

South

990

West

~~4045-4037.8~~ Wolfcamp

Bluitt Wolfcamp

S $\frac{1}{2}$

320

By this plat the acreage dedicated to the subject well by corner and boundary marks on the plat below

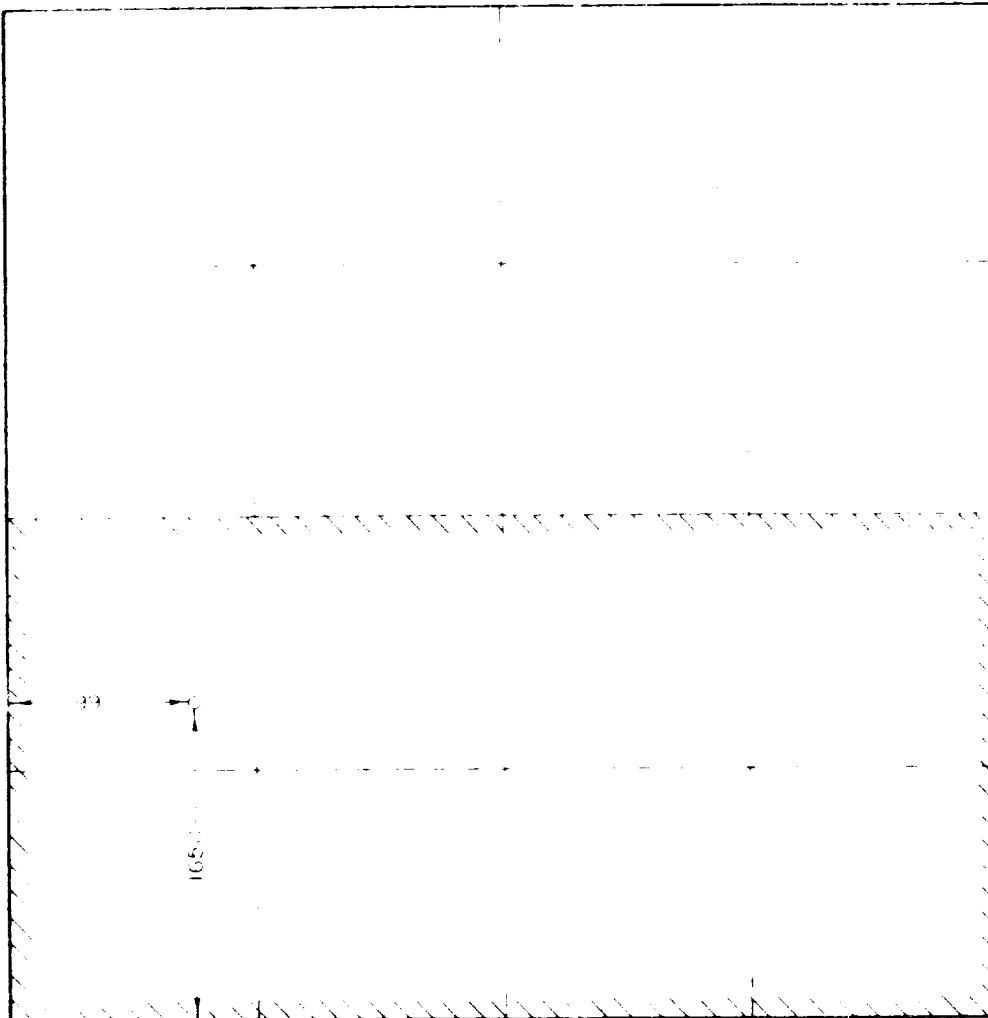
is shown that one (one) acre is dedicated to the well, outline each and identify the ownership thereof both as to working interest and royalty.

If more than one (one) acre of different ownerships is dedicated to the well, have the interests of all owners then consolidated by communitization, unitization, force pooling, etc.

Yes ☒ No ☐ If answer is "yes" type of consolidation.

If answer is "No" state the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

No. of acres will be assigned to the well if all interests have been consolidated (by communitization, unitization, force pooling, or otherwise) 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.

Jack R. McGraw

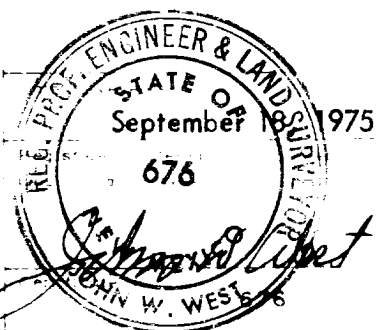
Jack R. McGraw

Drilling & Producing Manager

H. L. Brown, Jr.

September 18, 1975

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



H. L. BROWN, JR.

323 WEST MISSOURI
POST OFFICE BOX 2237
MIDLAND, TEXAS 79701
915 683-5216

Sept. 15, 1975

UNITED STATES GEOLOGICAL SURVEY
P. O. Box 1157
Hobbs, New Mexico

Subject: H. L. Brown, Jr.'s
Federal "F" Well #1
Roosevelt Co., New Mexico

Gentlemen:

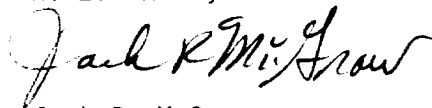
This is to advise you that we have reached an agreement with The New Mexico Game and Fish Commission concerning right-of-way and location payments for the subject well.

It is our intention to restore the area as nearly as possible to its original condition which will include the following:

1. Remove all trash from location area.
2. Break out and smooth over reserve pit.
3. Clean location and restore original condition where possible.

Yours very truly,

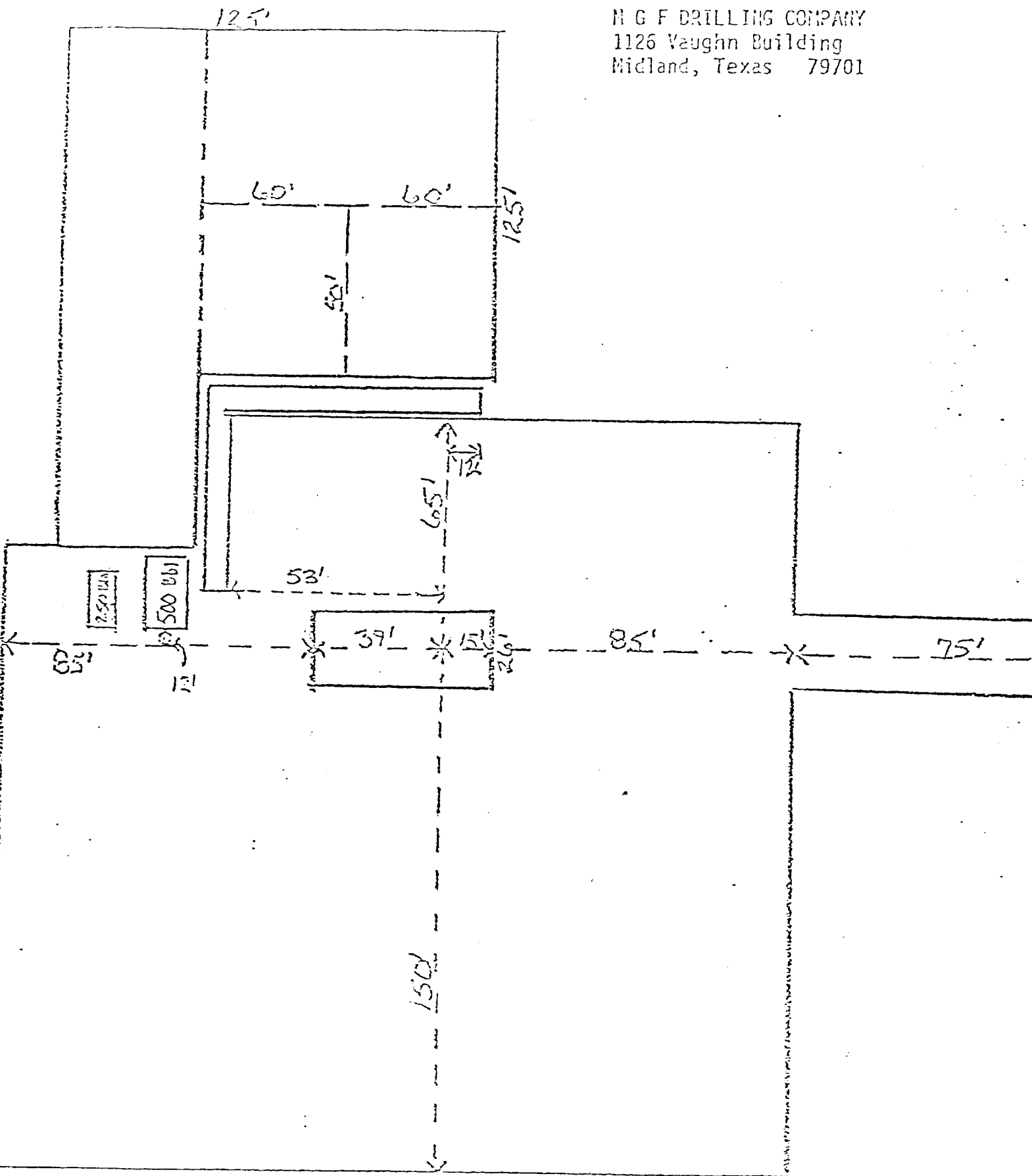
H. L. BROWN, JR.



Jack R. McGraw
Drilling & Production Manager

JRMCG/fs

N G F DRILLING COMPANY
1126 Vaughn Building
Midland, Texas 79701



Rat hole 7' East - 9' 6" South - 28' Deep
House hole 5' 6" East - 22' Deep
Water tank 94' West of hole - 12' North offset
Catwalk 21' East of hole

LOCATION LAY-OUT
H. L. Brown, Jr.
Federal "F" Well #1
Roosevelt Co. New Mexico

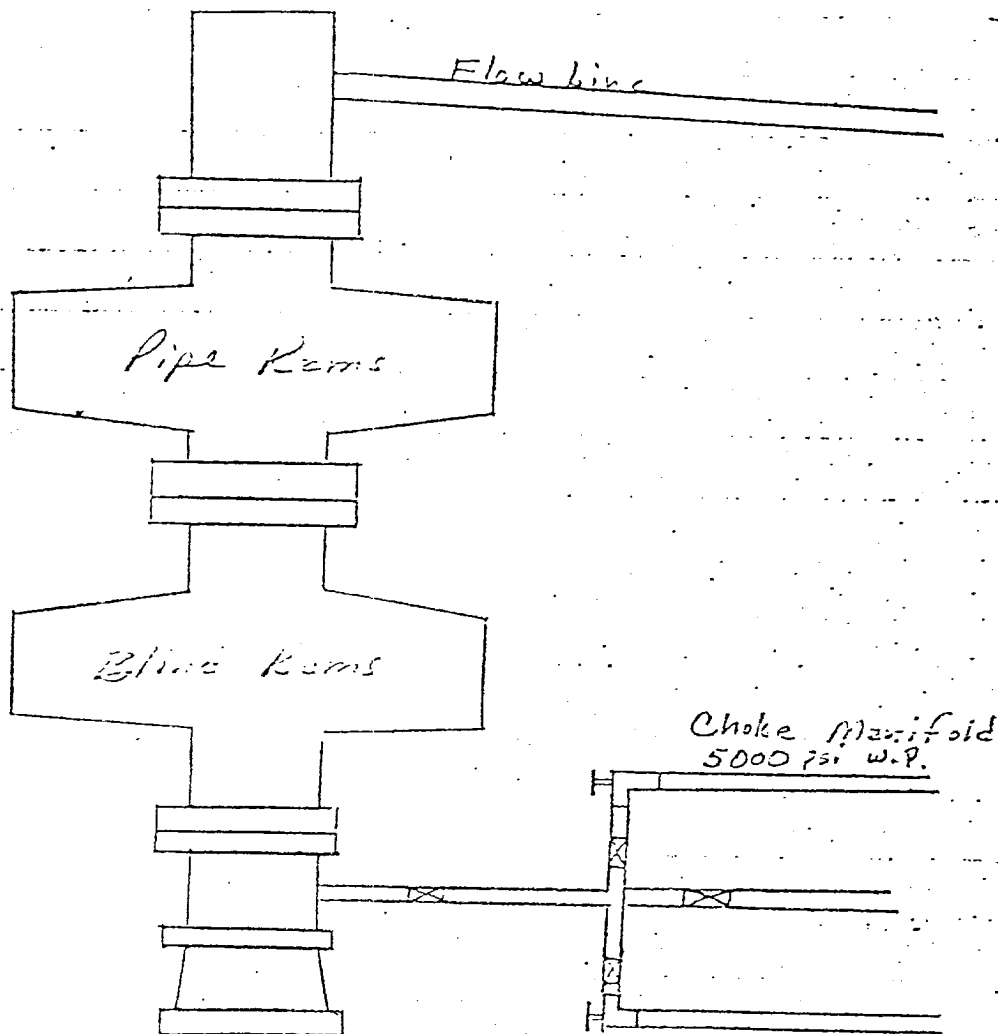
H. L. Brown, Jr.

Federal "F" Well #1

Blow Out Preventer Diagram

Shear Type 39
3000 psi w.p.

Shear Type 39
3000 psi w.p.



SURFACE DEVELOPMENT PLAN

F. L. Brown, Jr.

Federal "F" Well #1

Roosevelt Co., New Mexico

1. Existing roads - See attached plat.
2. Planned access roads - See attached plat.
3. Location of wells - See attached plat
4. Lateral roads to well location - See attached plat.
5. Tank battery and flow lines will be located upon well pad.
6. Water will be supplied by surface land owner.
7. All waste material will be collected and disposed of in a waste collection pit located on the NW edge of the well location. The waste pit will be filled and covered when drilling and completion operations have been finished.
8. Produced brine water will be collected in a metal tank and trucked to the nearest salt water disposal facility.
9. Produced gas will be sold through the best available market in this area.
10. Location lay-out - See attached plat.
11. Restoration of surface - After completion of drilling operations, the reserve pits will be levelled and smoothed when dry. The area will be cleaned of all waste and will be restored as nearly as possible to its original condition.
12. Blowout preventer equipment - From 500' to TD, two 10" 3000# Shafer Type 39 Hydraulic preventers.

Mud Program - 0' to 8000' fresh water, 8000' to 8200' weight 9# per gallon, Vis 36. Lower fluid loss with starch, add fresh water gel.


Jack R. McGowan Drilling and Production Manager Sept. 15, 1975
DATE: -

