

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 ☐

b. TYPE OF WELL
OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐

2. NAME OF OPERATOR
H. L. BROWN, JR.

3. ADDRESS OF OPERATOR
P. O. Box 2237, Midland, Texas 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface 2310' FSL & 990' FWL Section 34, T-7S, R-37E
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
10 miles east of Milnesand, New Mexico

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any)
990

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
none

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
4045 GL

23. PROPOSED CASING AND CEMENTING PROGRAM

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 CIRCULATE
11	8-5/8"	24#, 32#	3700	500 sx
7-7/8"	5-1/2"	15.5#	9150	500 sx

22. APPROX. DATE WORK WILL START*
August 11, 1975

12. COUNTY OR PARISH
Roosevelt

13. STATE
New Mexico

5. LEASE DESIGNATION AND SERIAL NO.
NM 13740

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Federal "E"

9. WELL NO.
1

10. FIELD AND POOL, OR WILDCAT
Bluitt(Wolfcamp)Gas

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 34, T-7S, R-37E

SEE ATTACHED

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

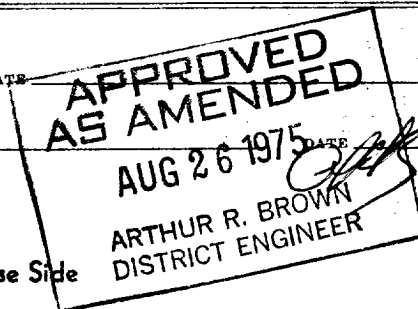
NOV 26 1975

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 R. McGraw TITLE Drilling & Production Mgr. DATE August 5, 1975
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

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



NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

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

All distances must be from the outer boundaries of the Section

H. L. Brown, Jr.		Lease Federal "E"		Well No. 1
L	Section 34	Township 7 South	Range 37 East	County Roosevelt
Approximate Location of Well:				
2310	feet from the	South	line and	990
				feet from the
				West
				line
Surface Elev. 4045	Producing Formation Wolfcamp	Pool Blufft (Wolfcamp) Gas	Dedicated Acreage: 320 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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 Communitization agreement being circulated.

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.

NM 13740	NM 0557843		
NM 0474-B	NM 24495		
NM 13740	NM 24495		
NM 13740	NM 24495		

990' 2310'

CERTIFICATION

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

Jack R. McGraw

Name
Jack R. McGraw

Position
Drilling & Production Mgr.

Company
H. L. Brown, Jr.

Date
August 5, 1975

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.

Professional Engineer & Land Surveyor
STATE OF
August 1, 1975
Registered in State 676
New Mexico
W. W. West

1320 1650 1980 2310 2640 2000 1500 1000 500

SURFACE DEVELOPMENT PLAN

H. L. Brown, Jr.
FEDERAL "E" Unit #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 supplies 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 finaled.
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. McGraw

Drilling and Production Manager

August 5, 1975

DATE: -

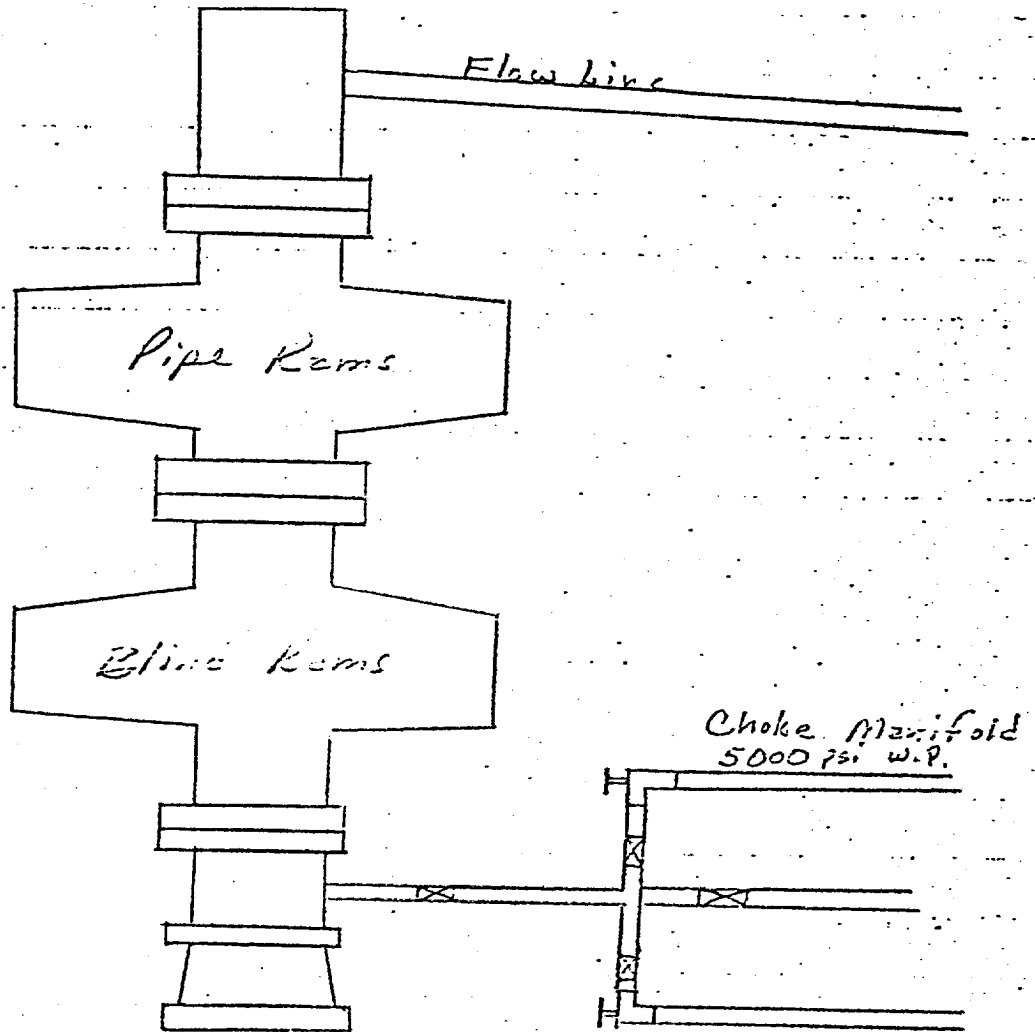
H. L. Brown, Jr.

FEDERAL "E" Unit #1

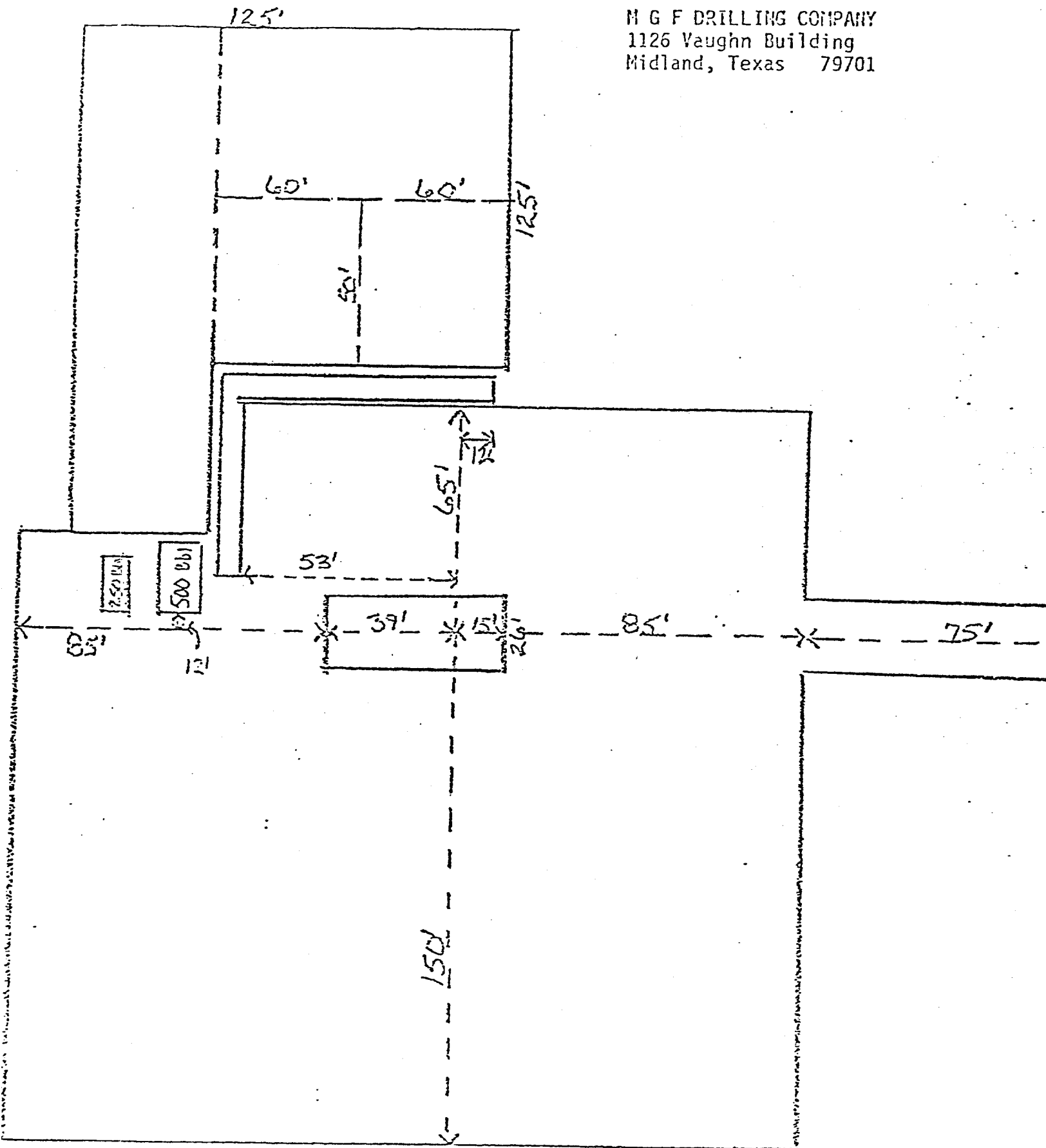
Blow Out Preventer Diagram

Shear Type 39
3000 psi w.p.

Shear Type 39
3000 psi w.p.



M 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 "E" Unit #1
Roosevelt Co., New Mexico

[illegible]