

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

5. LEASE DESIGNATION AND SERIAL NO.

NM-21513 021097 A

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

1650' FWL & 990' FNL, Section 4, T 8 S, R 37 E

At proposed prod. zone

1650' FWL & 990' FNL, Section 4, T 8 S, R 37 E

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

14 miles East of Milnesand, New Mexico

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal "C"

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Bluitt Wolfcamp Gas

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

Section 4, T 8 S, R 37 E

12. COUNTY OR PARISH

Roosevelt

13. STATE

New Mexico

15. DISTANCE FROM PROPOSED*

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

990

16. NO. OF ACRES IN LEASE

1597.67

17. NO. OF ACRES ASSIGNED
TO THIS WELL

319.44

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

3200

19. PROPOSED DEPTH

8200

20. ROTARY OR CABLE TOOLS

Rotary

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

4064.7' GL

22. APPROX. DATE WORK WILL START*

April 30, 1975

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	48#	350' 500'	350 SXS circulate
11"	8-5/8"	24 & 32#	3700'	300 SXS
7-7/8"	5-1/2"	15.5#	8200'	300 SXS

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 *Jack R. McGraw* Drilling & Prod. Mngr

DATE 3-14-75

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED
DATE

AUG 2 1975

*See Instructions On Reverse Side

RECEIVED
APR 17 1975
U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO
MAY 2 1975
J. R. McGraw
DRILLING & PROD. MGR.

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PL

Form O-102
Supersedes O-128
Effective 10-65

All distances must be from the outer boundaries of the Section

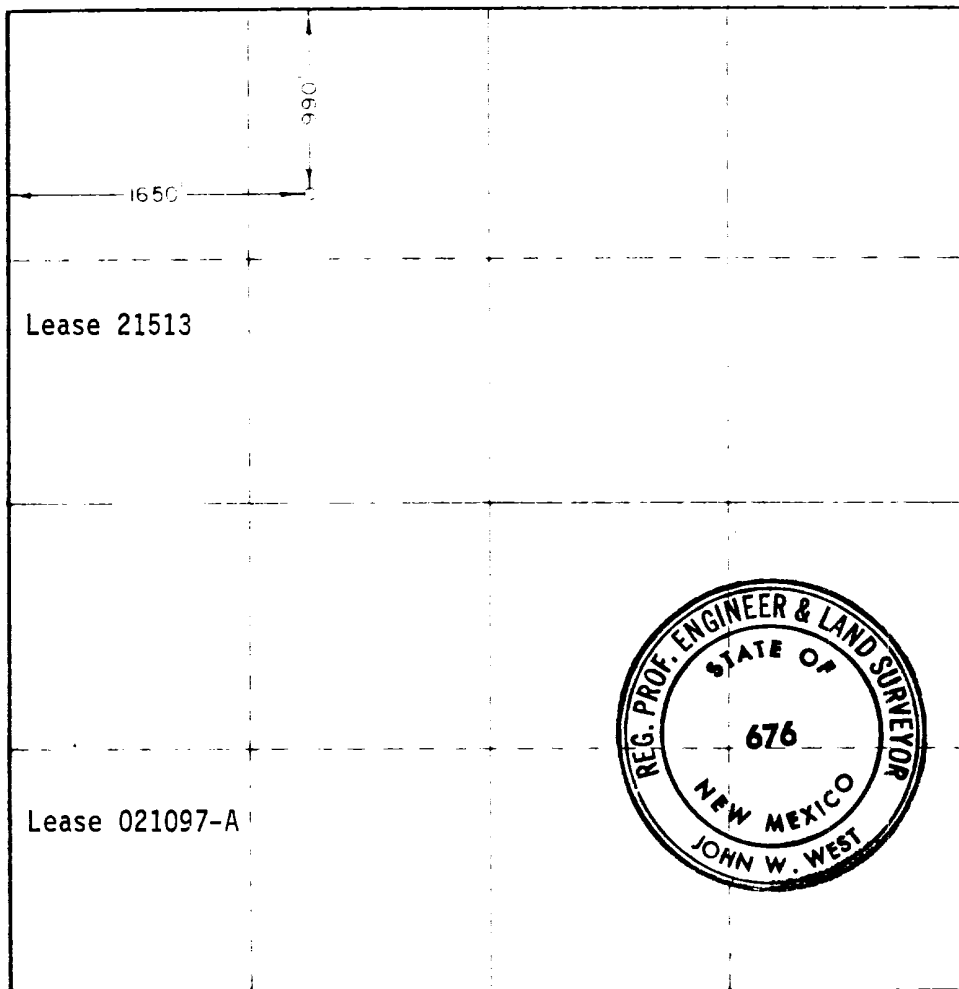
H. L. Brown, Jr.		Federal C		Well No. 1
Section 4	Range 8 South	Range 37 East	County Roosevelt	
990	feet from the North	1650	feet from the West	
4064.7	Wolfcamp	Bluitt Wolfcamp Gas	Estimated Acreage 319.44	

- 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

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.

Jack R. McGraw

Jack R. McGraw

Drilling & Prod. Mngr.

H. L. Brown, Jr.

March 14, 1975

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

RECEIVED
APR 17 1975
ARTESIA, NEW MEXICO
GEOLOGICAL SURVEY

Date Surveyed

March 4, 1975

Registered Professional Engineer and Land Surveyor

John W. West

Certificate No.

676

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600

SURFACE DEVELOPMENT PLAN

H. L. BROWN, JR.
FEDERAL "C" UNIT #1
Section 4, T 8 S, R 37 E
Roosevelt County, 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.

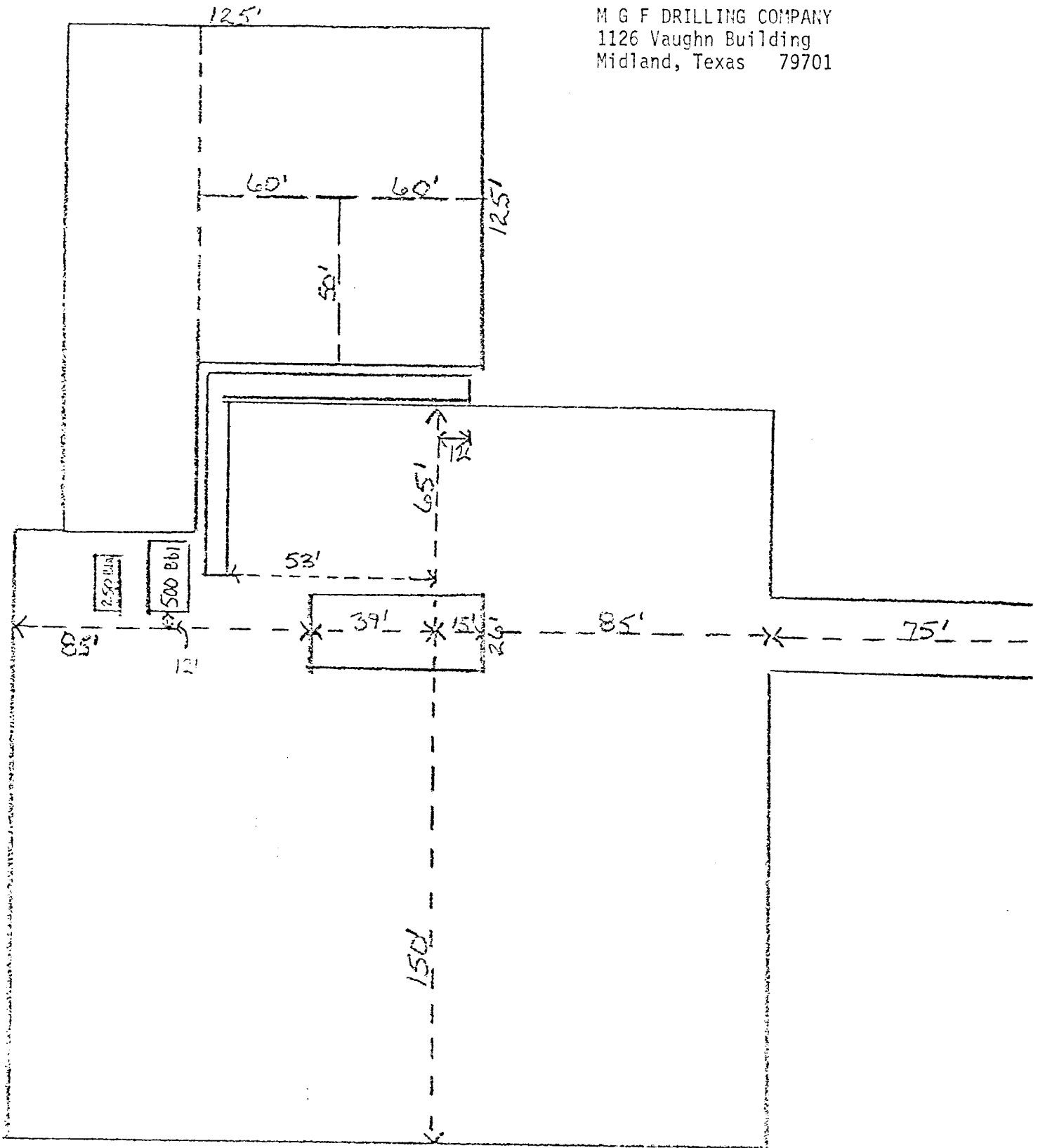


Jack R. McGraw Drilling and Production Manager April 21, 1978

[illegible]

RIG 10

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



Rat hole 7' East - 9' 6" South - 28' Deep
 Mouse 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.'s
 Federal "C" Unit #1
 Roosevelt County, New Mexico

H. Brown, Jr
Federal C-1

Blow Out Preventer Diagram

