

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. LC - 069300	
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 Mobil-Atlantic Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1980' FNL, 1980' FWL At proposed prod. zone		9. WELL NO. 1	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 12 miles northeast of Crossroads, New Mexico		10. FIELD AND POOL, OR WILDCAT Wildcat	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1980'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 1, T-9S, R-36E	
16. NO. OF ACRES IN LEASE 240.21		12. COUNTY OR PARISH Lea	
17. NO. OF ACRES ASSIGNED TO THIS WELL 40		13. STATE New Mexico	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. none		19. PROPOSED DEPTH 12,500'	
20. ROTARY OR CABLE TOOLS Rotary		21. APPROX. DATE WORK WILL START* Dec. 10, 1975	
22. ELEVATIONS (Show whether DF, RT, GR, etc.) 4047.1 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
11"	8-5/8"	24#, 32#	4200	500 SX
7-7/8"	5-1/2"	17#, 20#	12500	700 SX

See Attached

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

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. Jack R. McGraw SIGNATURE TITLE Drilling & Production Manager DATE November 25, 1975
(This space for Federal or State office use)

PERMIT NO. _____

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

APPROVAL DATE

APPROVED
AS AMENDED
DEC 9 1975
ARTHUR R. BROWN
DISTRICT ENGINEER

*See Instructions On Reverse Side

RECEIVED

FEB 16 1973

OIL CONSERVATION COMM
HOBBS, N. M.

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAN

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

All distances must be from the outer boundaries of the Section

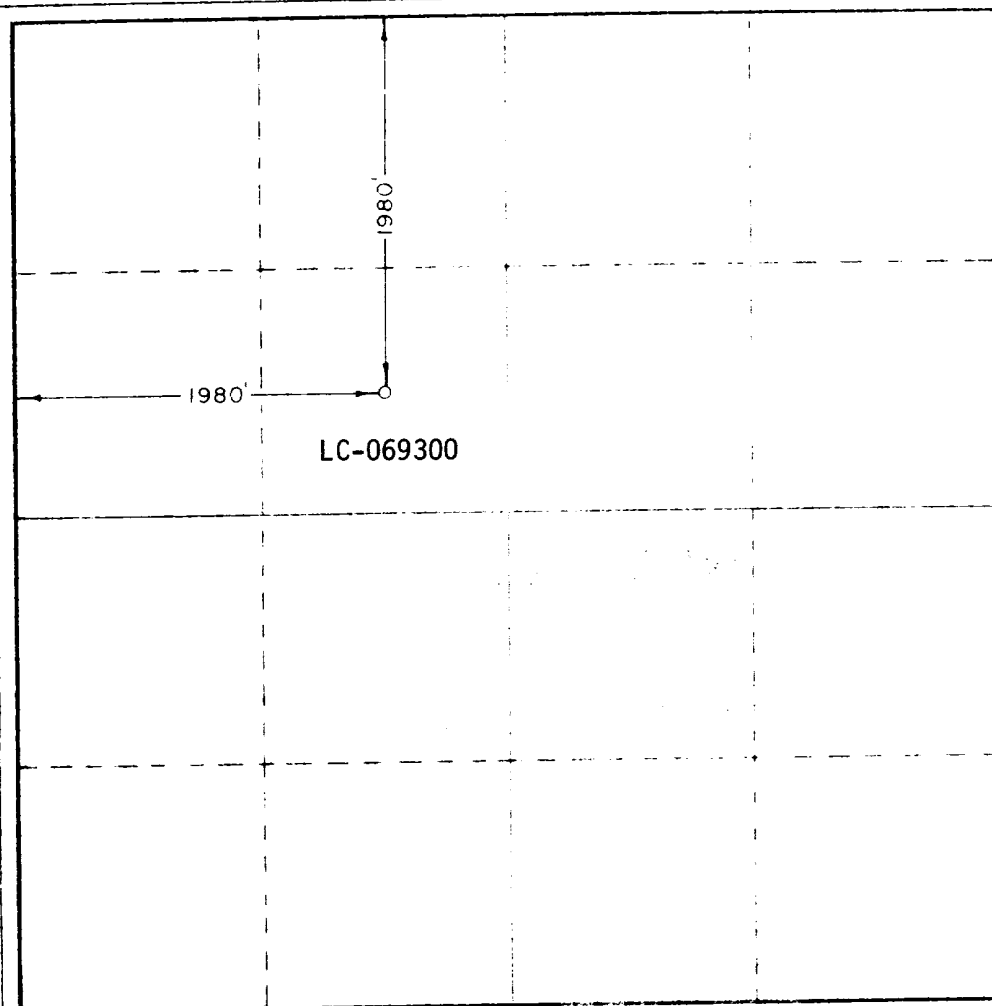
Operator H. L. Brown Jr.			License Mobil - Atlantic Federal		Well No. 1
Tract Letter F	Section 1	Township 9 South	Range 36 East	County Lea	
Actual Footage Location of Well:					
1980	feet from the	North	feet from the	1980	feet from the
Ground Level Elev. 4047.1	Producing Formation Devonian		Well Name Wildcat	Section of Section 40	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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

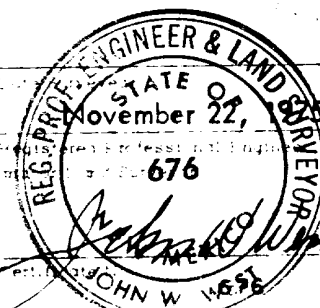
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Jack R. McGraw
Jack R. McGraw
Dir. & Prod. Mgr.

H.L. BROWN, JR.

November 25, 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.



RECEIVED

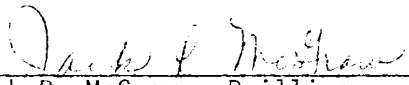
FEB 11 1961

OIL CONSERVATION COMM.
HOBBBS, N. M.

SURFACE DEVELOPMENT PLAN

H. L. Brown, Jr.
Mobil-Atlantic Federal #1
Lea 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 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 leveled 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 9600' fresh water, 9600' to 12,500' weight 9# per gallon, Vis. 45. Lower fluid loss with starch, add fresh water gel.



Jack R. McGraw - Drilling and Production Manager

12-1-75

DATE:

H. L. BROWN, JR.
323 WEST MISSOURI
POST OFFICE BOX 2237
MIDLAND, TEXAS 79701
915 683-5216
November 25, 1975

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

Re: H. L. Brown, Jr.'s
Mobil-Atlantic Federal #1
Lea County, New Mexico

Gentlemen:

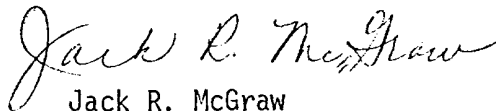
This is to advise you that we have reached an agreement with Mr. Bill Baldrige, Star Route, Box 63, Clovis, New Mexico 88101, concerning right-of-way and location payments for the subject well.

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.
4. Break through caliche by sub-soil plowing if necessary.

Yours very truly,

H. L. BROWN, JR.

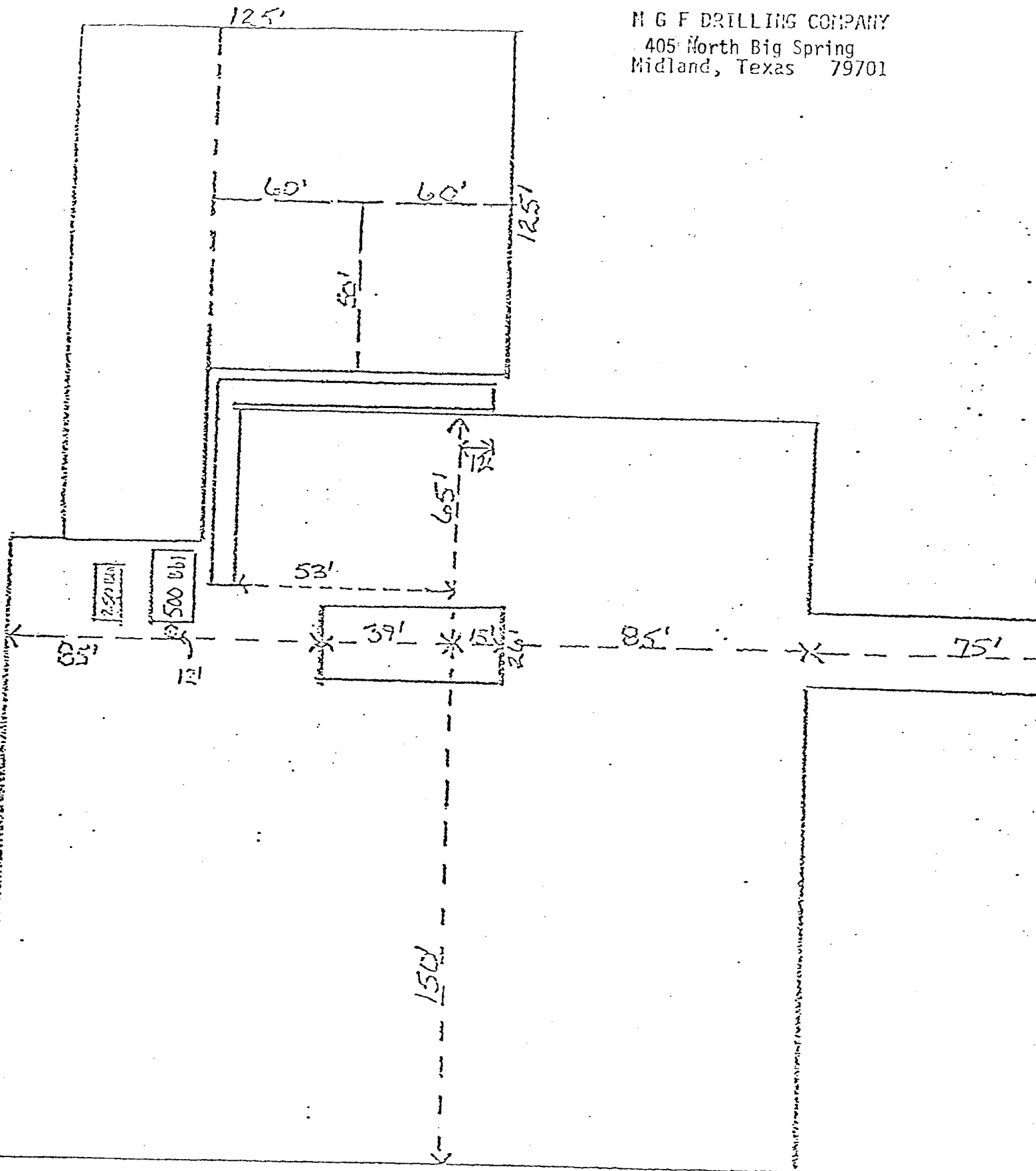


Jack R. McGraw
Drilling & Production Manager

JRMCG/fs

RIG 9

N G F DRILLING COMPANY
405 North Big Spring
Midland, Texas 79701

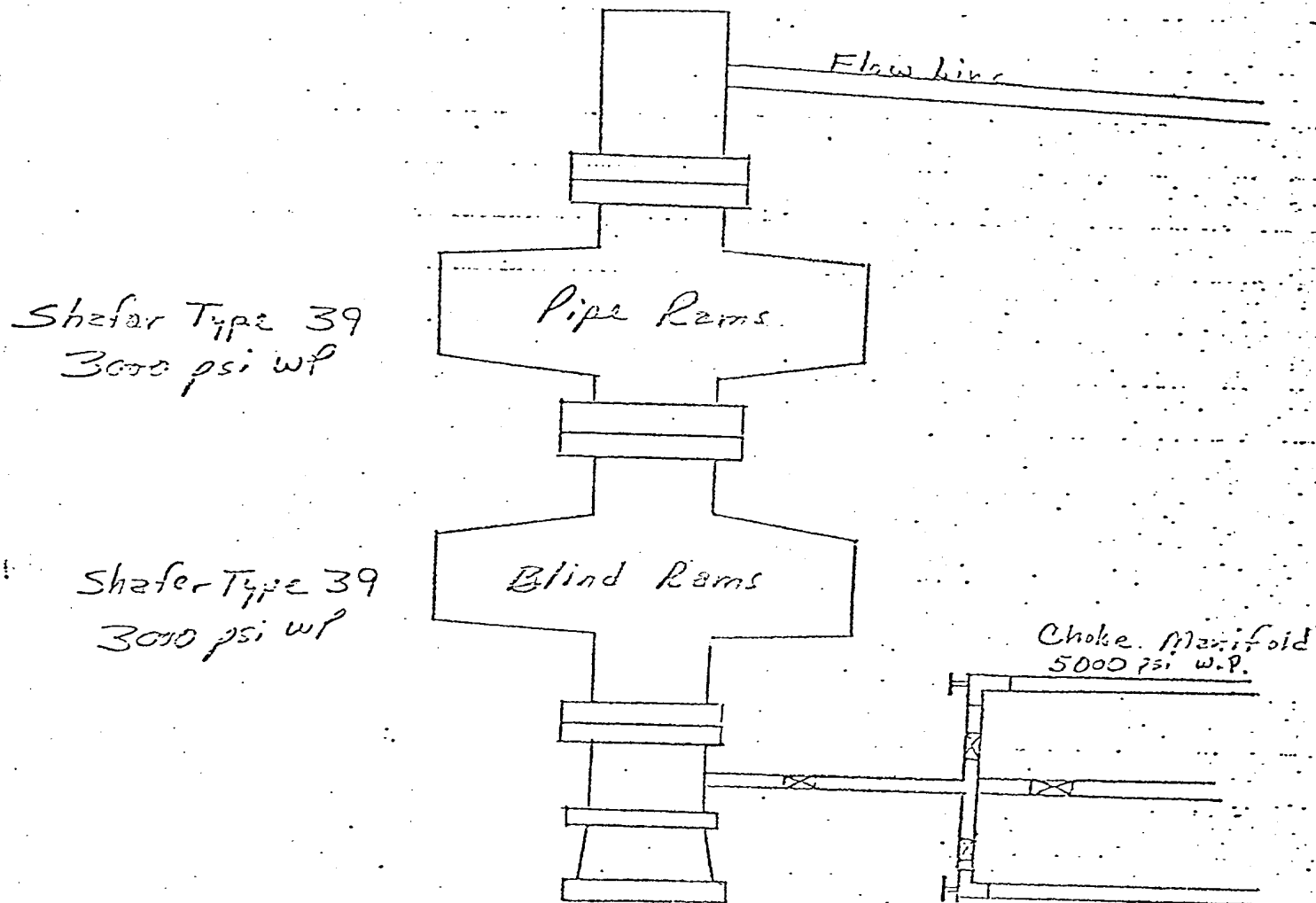


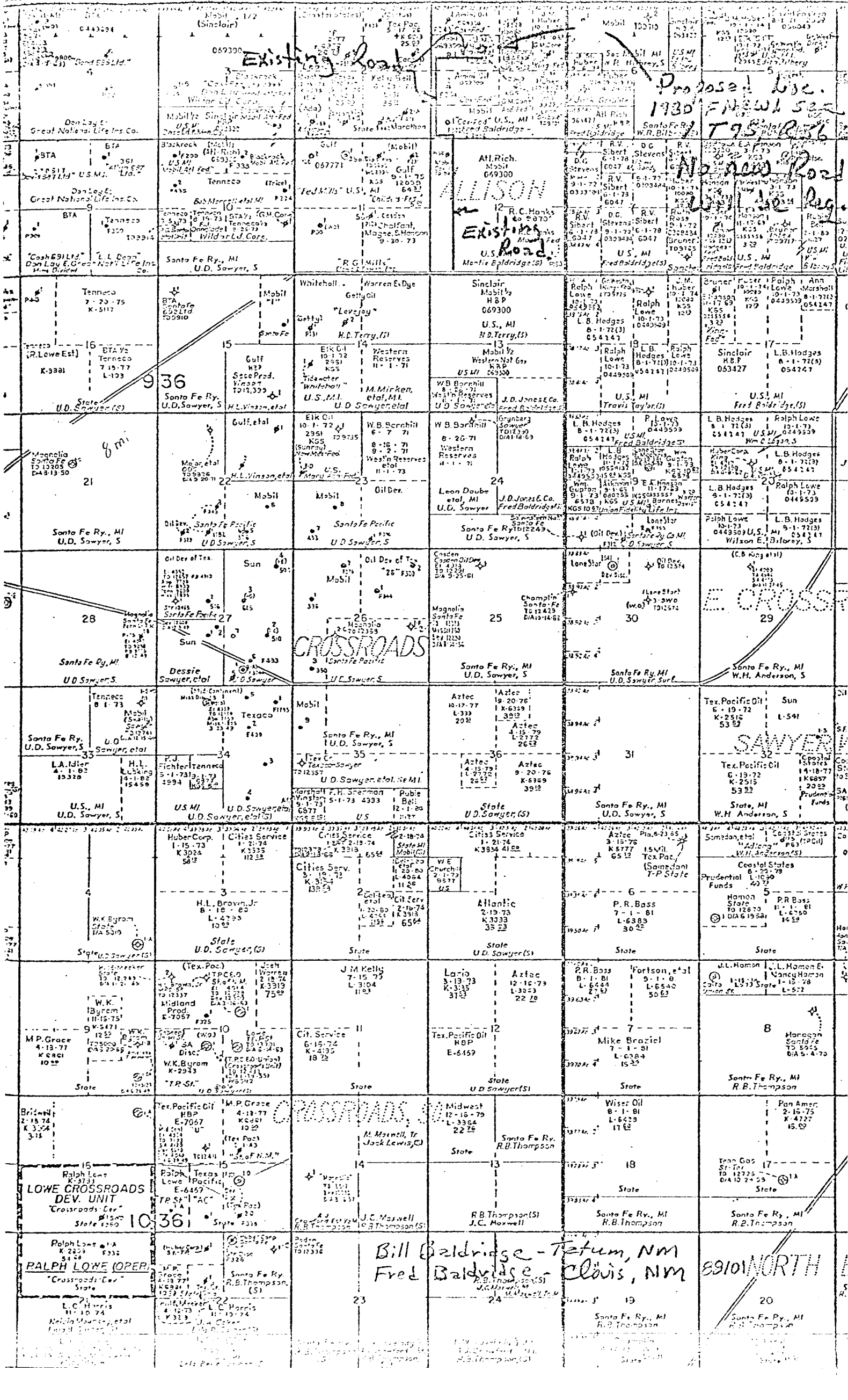
Rat hole 7' East - 9' 6" South - 28' Deep
House hole 5' 6" East - 22' Deep
Water tank 94' West of hole - 12' North offset
Catwalk 21' East of hole

LOCATION LAY-OUT
H.L. Brown, Jr.
Mobil-Atlantic Federal #1
Lea County, New Mexico

H. L. Brown, Jr.
Mobil Atlantic Federal #1
Lea County, New Mexico

Blow Out Preventor Diagram





Existing Road

Proposed Use
1930 F.M.W. 522
T.75 R.36

ALLISON

No New Road
New 100

CROSSROADS

E. CROSS

SAWYER

CROSSROADS

Bill Baldridge - Tatum, NM
Fred Baldridge - Clovis, NM

8910 NORTH