

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

C. E. LaRue and B. N. Muncy, Jr.

3. ADDRESS OF OPERATOR

P. O. Box 196, Artesia, New Mexico 88210

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
At surface 1980' FSL and 1980' FWL Section 15, T14S, R28E

At proposed prod. zone

Grayburg

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

15 miles east Hagerman, New Mexico

B. C. C.

ARTESIA, OFFICE

Chaves

13. STATE  
N.M.

10. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT. 660'  
(Also to nearest drilg. unit line, if any)

16. NO. OF ACRES IN LEASE

640

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

160

18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT. 1320'

19. PROPOSED DEPTH

1800'

20. ROTARY OR CABLE TOOLS

Rotary

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

3581.6 GL

22. APPROX. DATE WORK WILL START\*

September 25, 1977

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11 1/2"	8 5/8"	29#	250'	100 Sacks Circulated
7 7/8"	5 1/2"	15 1/2#	1765'	350 Sacks Circulated

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ARTESIA, NEW MEXICO

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

TITLE Operator

DATE August 16, 1977

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

ADDITIONAL

SEP 8 - 1977

D. L. [Signature]  
DISTRICT ENGINEER

THIS APPROVAL IS RESCINDED IF OPERATIONS  
ARE NOT COMMENCED WITHIN 3 MONTHS.  
SEP 8 - 1977  
See Instructions On Reverse Side  
EXPIRES

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form O-11-2  
Supersedes O-128  
Effective 1-1-65

All distances must be from the outer boundaries of the Section

Operator <b>LaRUE &amp; MUNCY</b>		Lease <b>Hanlad Federal</b>		Well No. <b>2</b>
Section <b>K</b>	Section <b>15</b>	Township <b>14 South</b>	Range <b>28 East</b>	County <b>Chaves</b>
Actual Well Location of Well:				
1980 feet from the		1980 feet from the		west
south		SAMS RANCH		160
Ground Level Elev. <b>3581.6</b>	Producing Formation <b>GRAYBURG</b>			

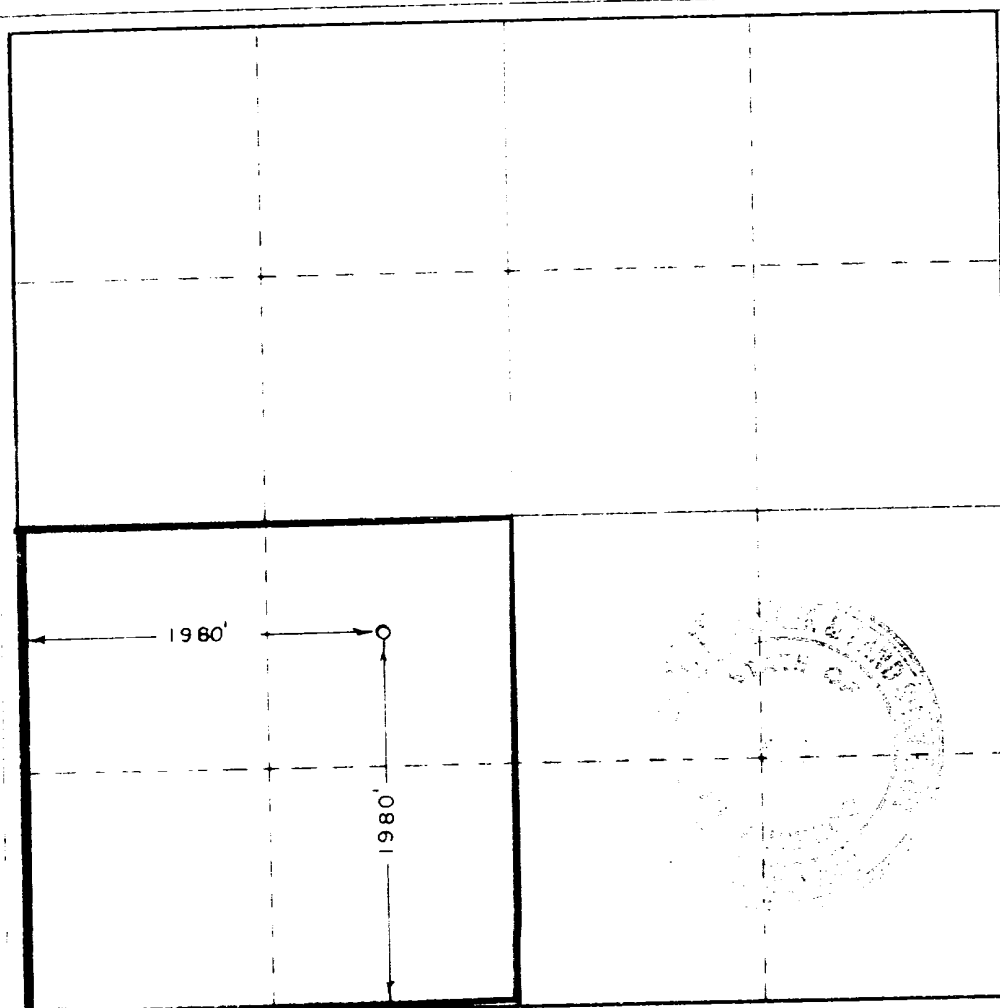
- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated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

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**ARTESIA, NEW MEXICO**

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.

Name  
*[Signature]*  
Operator  
**C.E. LaRue and B.N. Muncy, Jr.**

Date  
**August 25, 1977**

I hereby certify that the well location shown on this plat was plotted from field notes or 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  
**August 22, 1977**

Registered Professional Engineer  
and State Surveyor

*[Signature]*

Lease No. NM 8363  
C. E. LaRue and B. N. Muncy, Jr.  
Hanlad Federal No. 2  
1980' FWL and 1980' FWL Section 15, T14S, R28E  
Chaves County, N. M.  
Development Well

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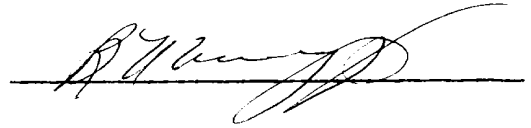
APR 21 1977

U.S. GEOLOGICAL SURVEY  
ARTESIA, NEW MEXICO

1. Existing Roads - Maps showing drillsite location and all existing roads are shown on Exhibit B. From Hagerman, New Mexico, go east for 15 miles on State Road 31, then northwest on an existing gravel road for  $1\frac{1}{2}$  miles, then east for  $\frac{1}{2}$  mile then north for  $\frac{1}{2}$  mile on existing caliche roads.
2. Planned Access Roads - Road will be constructed for approximately 150' west from existing caliche road. Maximum width will be less than 12 feet and no turnouts will be constructed. Road will be surfaced with caliche in areas where required, with caliche to be transported from pits already in use and shown on attached maps. Nothing in proposed road area will require special drainage as surface is such that no culverts or special drainage facilities will be required. Center line of new road has been staked with flagging visible from one stake to another.
3. Existing Wells are shown on Exhibit A.
4. No gathering or production lines will be necessary as gas purchaser will install all necessary lines. No tank battery will be used as all gas indicates to be dry. All pads and access roads will be used for production and maintenance. If well is non-productive the drilling pad, and such access road as not needed to reach other location will be ripped and restored in accordance with current rules.
5. There are no rivers, creeks, lakes, ponds or water wells in the entire lease area. All water for drilling purposes will be trucked to location over present and to be constructed access roads shown on Exhibit A from the nearest water supply at Hagerman, New Mexico.
6. Caliche pits and material from mud pits will be the only source of material used in road and pad construction, location is shown on Exhibit A, in SW $\frac{1}{4}$ SE $\frac{1}{4}$  Section 10. All material will be hauled over present roads and road to be constructed as shown on Exhibit A.
7. All cutting and drilling fluid will be left in pits and covered after they have dried, which should be in 4 to 6 weeks. All garbage and trash will be kept in containers, placed in trash pit as shown on Exhibit C and covered when well is completed. No well in area has produced water or oil during drilling.
8. No camps or airstrips will be constructed.
9. See Exhibit C. There will be no lining used in mud pits. All equipment and transportation will use only access roads and drilling pad. Mud will be stacked on drilling pad adjacent to mud pump. Only minor leveling and caliche cover will be needed on drilling pad. No significant cuts or fills will be required other than construction of mud pits and reserve pit. The pad and pit area have been staked.
10. At completion of drilling and completion operations all equipment not necessary for well production will be removed, pits will be filled when dried, and trash pit will be covered when completion equipment is moved off. All access roads not needed for other producing wells or lease will be ripped and restored in accordance with current rules as will the pad if well is non-production.
11. Area in general is fairly flat, with sand dunes cresting the principal changes in elevation. Mesquite and scrub oak are primary brush growth, with extremely scanty native grasses and fairly heavy weeds. All surface area is Federal land, as are all roads present and to be constructed. Topsoil is quite rocky underlaid by caliche. Land is used for grazing purposes and is classed very low in number of livestock it will main ain because, the extremely sparse vegetation, and the fact there is no natural water above ground in the area for streams or ponds and closest water well to this location is 3 miles southeast. Nothing has been observed in the area that would give indication of archaeological historical or cultural sites. There are no steep hillsides or gullies in the area where road and drilling pad are to be constructed and no drainage or erosion problems should be encountered. Road and pit construction will require little change other than blading and spreading caliche. Wildlife in the area is typical semi-arid natives, numbers of all are considerable less than average across most of this country. The only structure in area is an occupied ranch house with windmill 3 miles east of proposed location.
12. Operators representative is B. N. Muncy, Jr. P. O. Box 196, Artesia, New Mexico 88210. Telephone Number (505) 746-6651.

13. I hereby certify that I, or persons under my direct supervision have inspected the proposed drill site and access route; that I'm familiar with the conditions which presently exist; that the statements made in this plan are to the best of my knowledge, true and correct and that the work assisted with the operations proposed herein will be performed by LaRue and Muncy and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

August 15, 1977

A handwritten signature, likely of B. N. Muncy, Jr., is written over a horizontal line. The signature is cursive and stylized.

C.E. LaRue and B.N. Muncy, Jr.

HAND FEDERAL #2

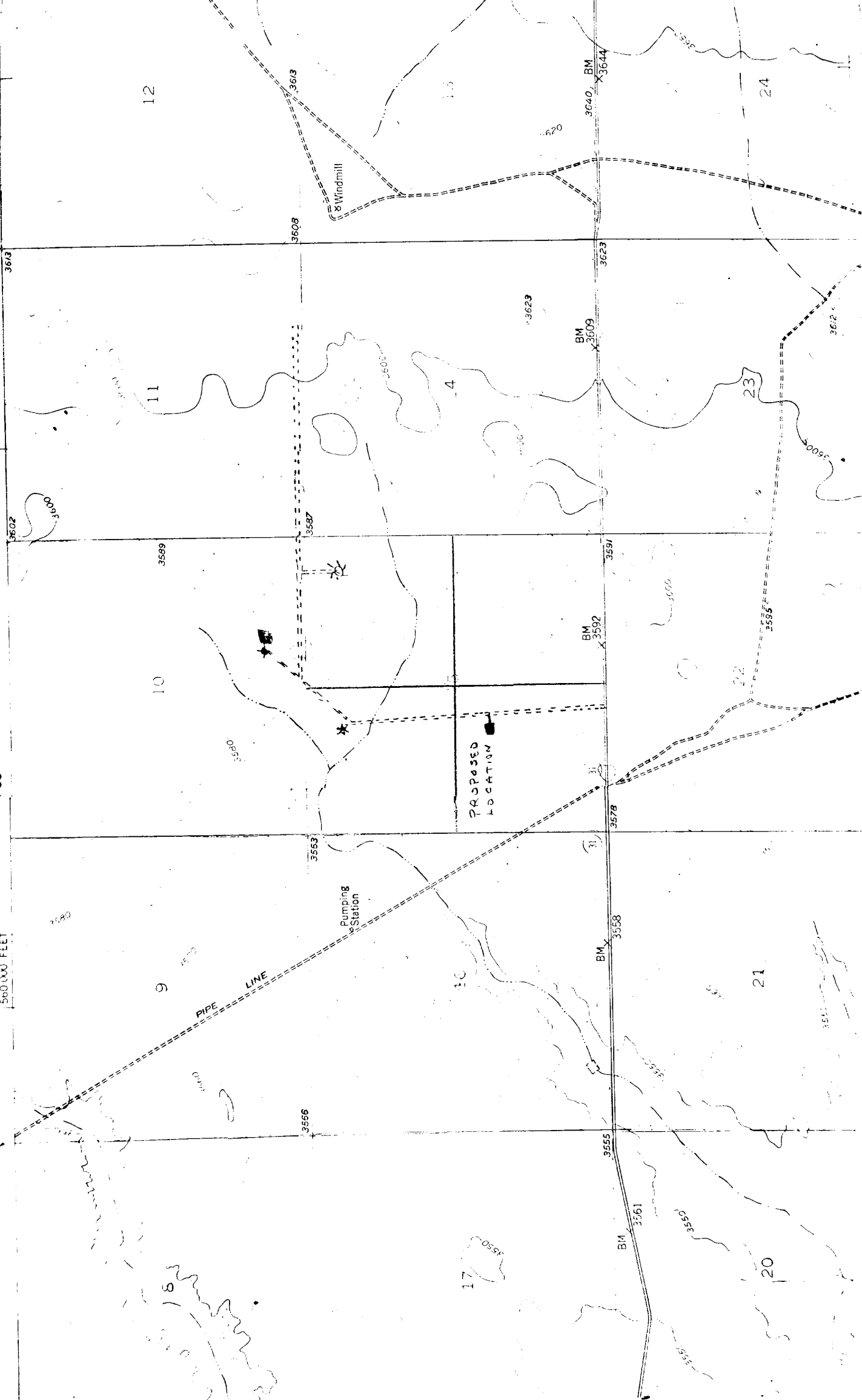
EXHIBIT A

GEOLOGICAL SURVEY

7.5 MINUTE SERIES (TOPOGRAPHIC)

104730'

50000 FEET



PROPOSED  
LOCATION

PRESENT  
ROADS

PROPOSED  
ROAD

CALICHE  
PITS

PROPOSED  
LOCATION

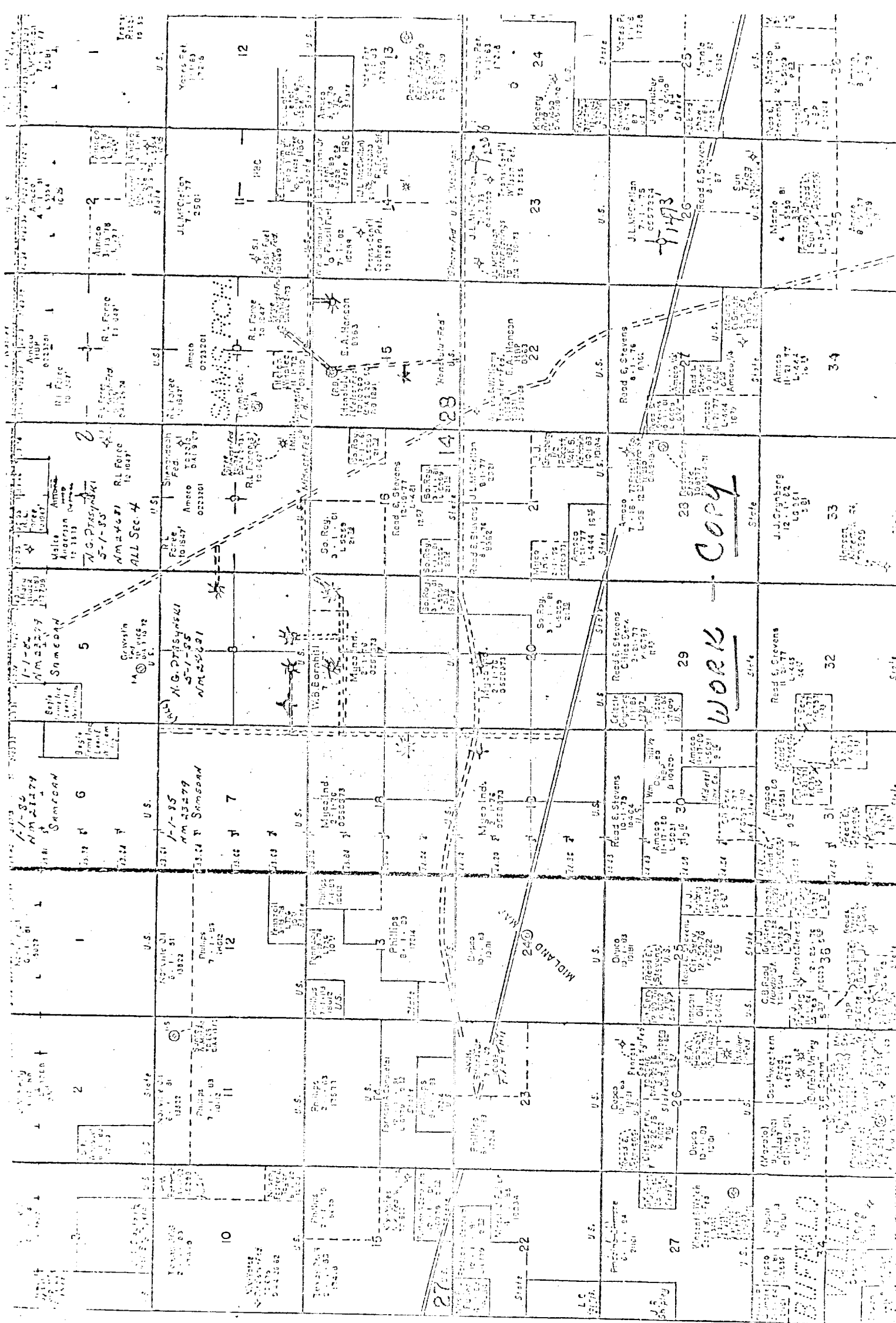
GAS WELL

DRY HOLE

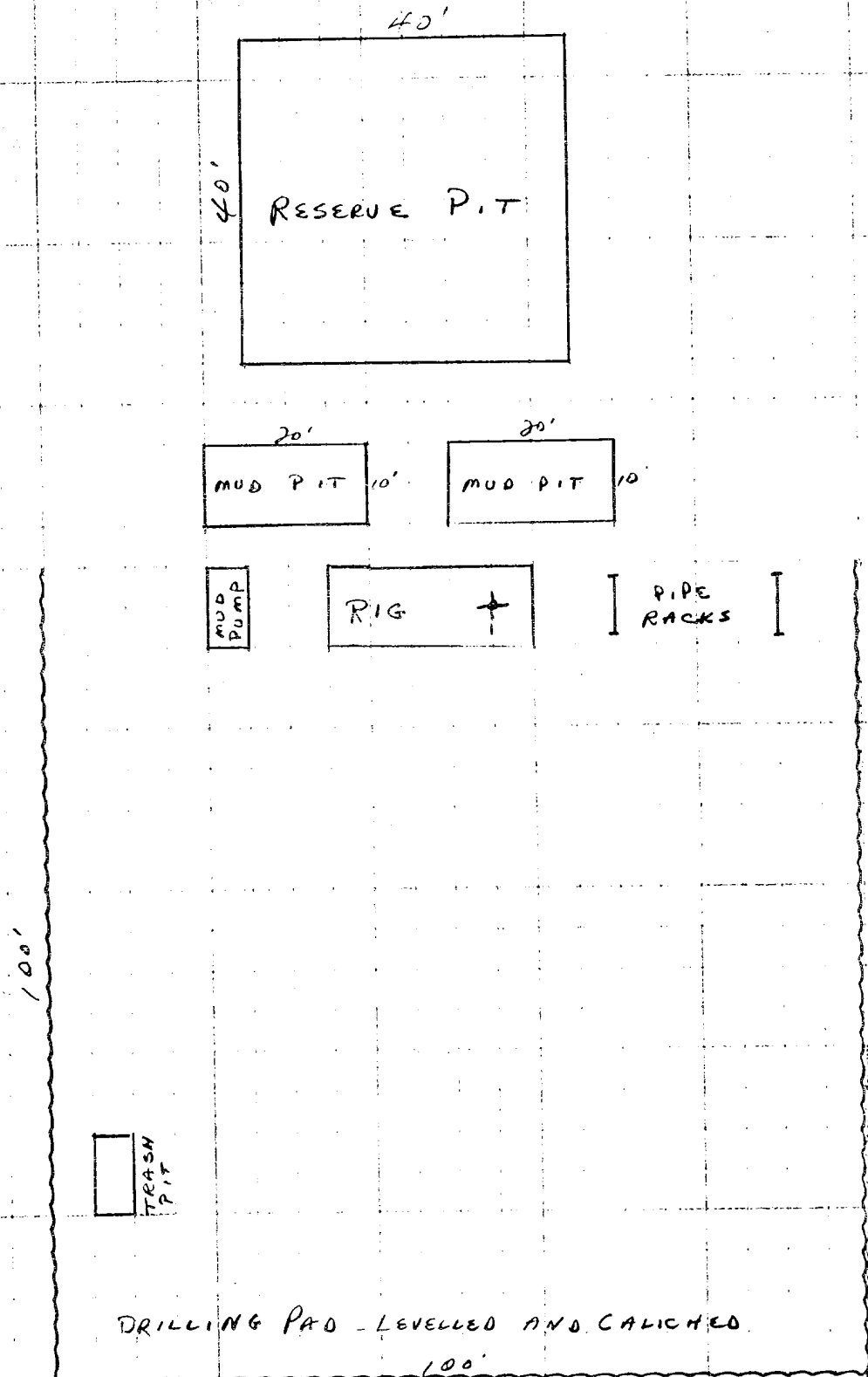
PROPOSED  
ROAD

C.E. LaRue and B.N. Muncy, Jr.

EXHIBIT



1 - SCALE 1" = 20'



PITS WILL BE DUG TO COVER GARBAGE AND TRASH, WHICH WILL BE KEPT IN CONTAINERS UNTIL WELL IS COMPLETED.

C.E. LaRue and B.N. Muncy, Jr.

EXHIBIT C