

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY(Other inst. joins on
reverse side)

30-005-60416

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.

MAR 24 1977

3. ADDRESS OF OPERATOR

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

O. C. C.

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

660' from South and 1980' from West lines of Section 8, T14S, R28E
At proposed prod. zone

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

10 miles East Hagerman, New Mexico

16. DISTANCE FROM PROPOSED*

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

18. 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.

19. PROPOSED DEPTH

1600'

20. ROTARY OR CABLE TOOLS

Rotary

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

3554.9 GL

22. APPROX. DATE WORK WILL START*

March 10, 1977

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8 5/8"	29#	210'	50 Sacks circulated
7 7/8"	5 1/2"	15 1/2#	1580'	50 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 2/7/77

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

TITLE

DATE

APPROVED
MAR 23 1977

CONDITIONS OF APPROVAL, IF ANY

R. L. KERN
ACTING DISTRICT ENGINEER

*See Instructions On Reverse Side

N. MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form 17-1-1
 Supersedes C-128
 Effective 1-1-65

All distances must be from the outer boundaries of the Section

Owner Lo RUE & MUNCY			Lease NoLa FED.		Acres 3
Section N	Section 8	Township 14 South	Range 28 East	County Chaves	
Actual Well Location of Well:					
660	feet from the South	line and	1980	feet from the	West
Surface Elev. 3554.9	Producing Formation G	Foot per 6 1/2 days		Water A. 160	

- 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 (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 _____ been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

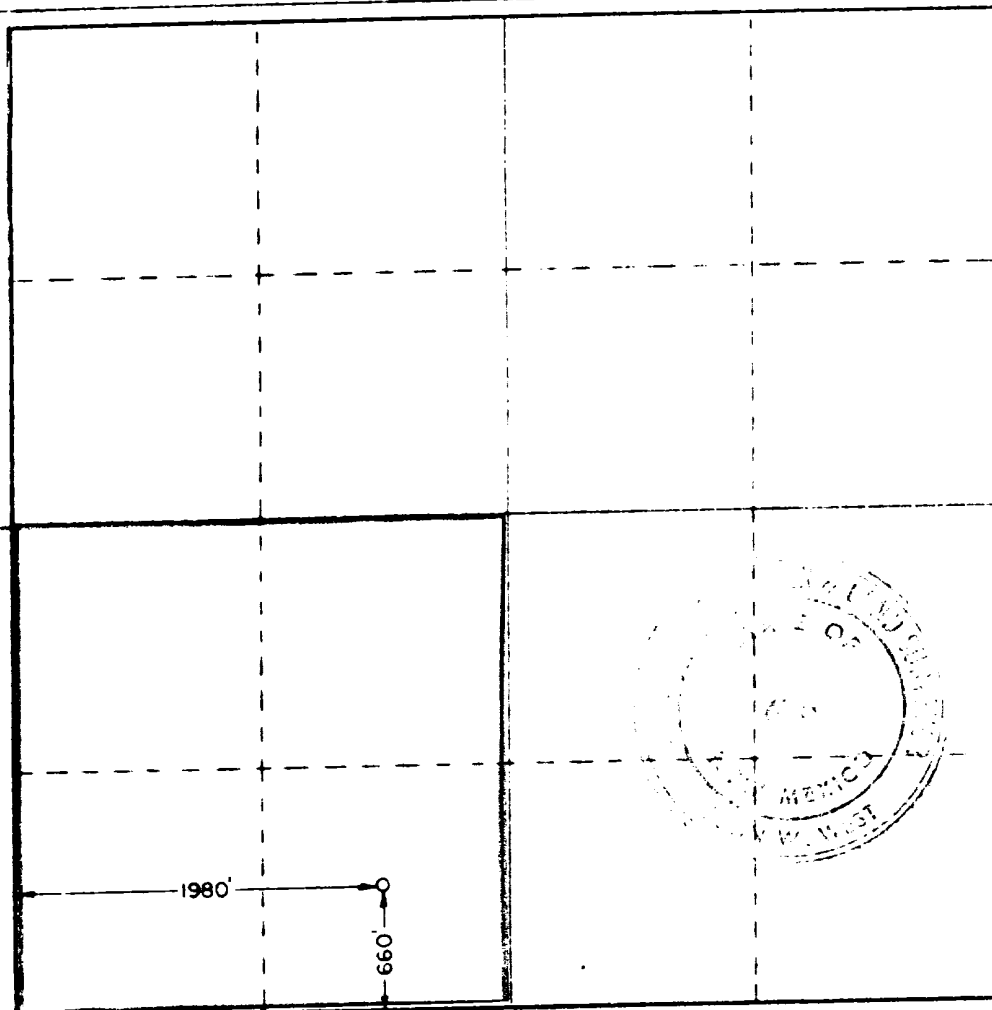
If answer is "no," list the owners and tract descriptions which have actually been consolidated (use reverse side of this form if necessary.) _____

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.

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CERTIFICATION

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

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

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

Feb 9, 1977

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.

February 9, 1977

(Date Surveyed)

Registered Professional Engineer and Land Surveyor

John West

676

320 640 960 1280 1600 1920 2240 2560 2880 3200 3520 3840 4160 4480 4800 5120 5440 5760 6080 6400

C. E. LaRue and B. N. Muncy, Jr.
Nola Federal No. 3
660' FSL and 1980' FWL Section 8 T14S R18E
Chaves County, New Mexico
Lease No. - N.M. 24681
Development Well

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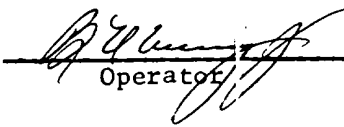
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1. Existing Roads - Maps showing drillsite location and all existing roads are shown on Exhibit A. From Hagerman, N.M. go east for 10 miles on State Road 31, then north on an existing caliche road for 2 miles, then east on an existing caliche road for 660'. From this point 1320' of new road is planned east to proposed location.
2. Planned Access Roads - Exhibit A shows new road to be constructed in red line. Road will be built to a maximum width of 12 feet and surfaced with caliche, with no turn-outs planned. Drainage will not be a factor as surface is almost completely flat. As this is gas production only road design will be for drilling equipment and water haulage for drilling purposes. No culverts or special drainage features are believed necessary. Center line of new road has been staked with flagging visible from one stake to the other.
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 will be the only source of material used in road and pad construction, location is shown on Exhibit A, in NE $\frac{1}{4}$ NE $\frac{1}{4}$ and NE $\frac{1}{4}$ SE $\frac{1}{4}$ Section 17. 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 sandy, underlaid by caliche. Land is used for grazing purposes and is classed very low in number of livestock it will maintain 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 5 miles east. 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, 5 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 mad 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.

February 7, 1977

Date


Operator

CLICHÉ PITS

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

NOLA FEDERAL No 3

EXHIBIT A

PROPOSED LOCATION
GAS WELL & DAY WALK
104730' 104730' 104730'

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

BARHILL FEDERAL NO. 3

10 MINUTE SERVICE (1000' DIAMETER)

104730' 104730' 104730'

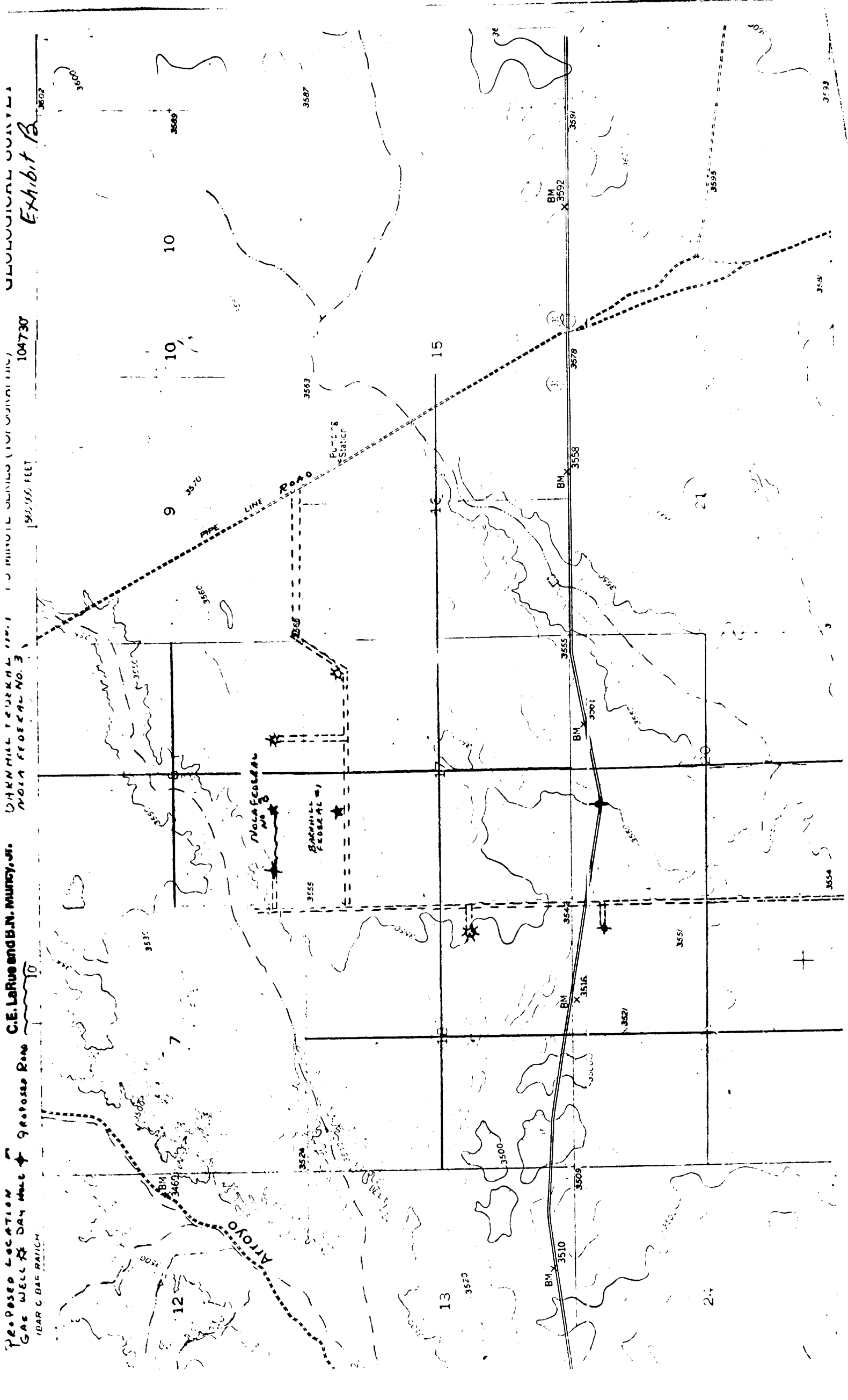
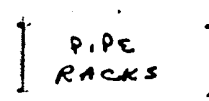
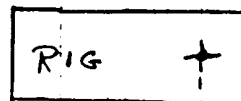
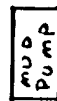
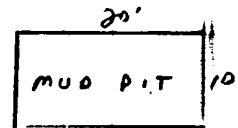
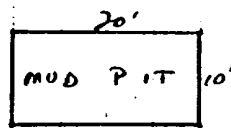
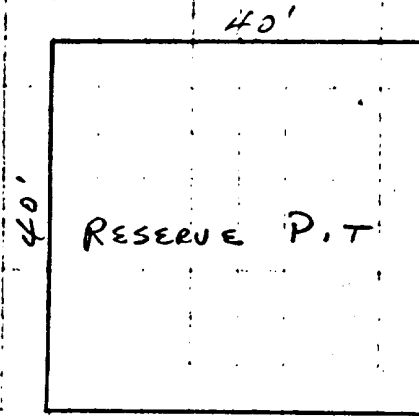


Exhibit B

N - SCALE 1"=20'



100'



DRILLING PAD - LEVELLED AND CALICHO

100'

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