



# United States Department of the Interior

GEOLOGICAL SURVEY  
P. O. Drawer 1857  
Roswell, New Mexico 88201

MAY 25 1977

**RECEIVED**

Perry R. Bass  
Post Office Box 2760  
Midland, Texas 79701

MAY 26 1977

Dear Mr. Bass:

**O. C. C.**

ARTESIA, OFFICE

Your Application for Permit to Drill well No. 12-James Ranch Unit in the NE1/4, sec. 20, T. 22 S., R. 31 E., N.M.P.M., Eddy County, New Mexico, lease Las Cruces 069507, to a depth of 14,700 feet to test the Morrow Gas formation in the Petash Area, is hereby approved.

Drilling of the well must be in compliance with the enclosed "Drilling Well Control Requirements for Deep Wells Drilled on Federal Oil and Gas Leases in the Artesia District" dated June 22, 1973.

One copy of the Application is returned herewith. Please notify the District Engineer, Geological Survey, Post Office Drawer U, Artesia, New Mexico, 88210, in sufficient time for a representative to witness all cementing operations. The office phone number is Area Code 505-746-9838.

Sincerely yours,

(ORIG. SGD.) JAMES W. SUTHERLAND

Area Oil and Gas Supervisor

## Attachment

cc:  
Regional Manager, Denver  
Mining Branch (2)  
BLM, Roswell (w/cy Notice)  
WMOCC-Artesia (2) (w/2 cys Notice)  
Artesia (w/cy Notice)  
Roswell (2) (w/2 cys Notice)  
Roswell (Chrono.)

RECEIVED

MAY 6 1977

D.C.C.  
ARTIST'S OFFICE

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-015-22162

## 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

Perry R. Bass

## 3. ADDRESS OF OPERATOR

Box 2760, Midland, Texas 79702

RECEIVED

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

At surface

1980' FWL &amp; 1980' FSL of Sec 20-Unit Letter K

At proposed prod. zone

MAY 26 1977

O. C. C.

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

28 mi ESE of Carlsbad, N.M.

## 15. DISTANCE FROM PROPOSED\*

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

660

## 16. NO. OF ACRES IN LEASE

320

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

320

## 18. DISTANCE FROM PROPOSED LOCATION\*

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

5280'E of #11

## 19. PROPOSED DEPTH

14,700'

## 20. ROTARY OR CABLE TOOLS

rotary

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

3406 GL

## 22. APPROX. DATE WORK WILL START\*

ASAP after permit  
is approved

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
24"	20"	94#	40'	Ready Mix
18-1/2"	16"	65#	600'	360 sks
15"	10-3/4"	40.5#	3900'	1500 sks
9-7/8"	7-5/8"	26.4# & 29.7#	11600'-11900'	liner - 270 sks
6-3/4"	5"	15# & 18#	14,700'	390 sks

Plat, drilling procedure, formation markers, BOPD diagram, pad layout and extension  
A and B are attached

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

Perry R. Bass

TITLE DRILLING FOREMAN

DATE Feb. 3, 1977

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

**N MEXICO OIL CONSERVATION COMMISS**  
**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.

Operator <b>PERRY R. BASS</b>			Lease <b>James Ranch Unit</b>		Well No. <b>12</b>
Unit Letter <b>K</b>	Section <b>20</b>	Township <b>22 South</b>	Range <b>31 East</b>	County <b>Eddy</b>	
Actual Footage Location of Well: <b>1980</b> feet from the <b>south</b> line and <b>1980</b> feet from the <b>west</b> line					
Ground Level Elev. <b>3405.6</b>	Producing Formation <b>Morrow Gas</b>		Pool <b>Wildcat</b>	Dedicated Acreage: <b>320</b> Acres	

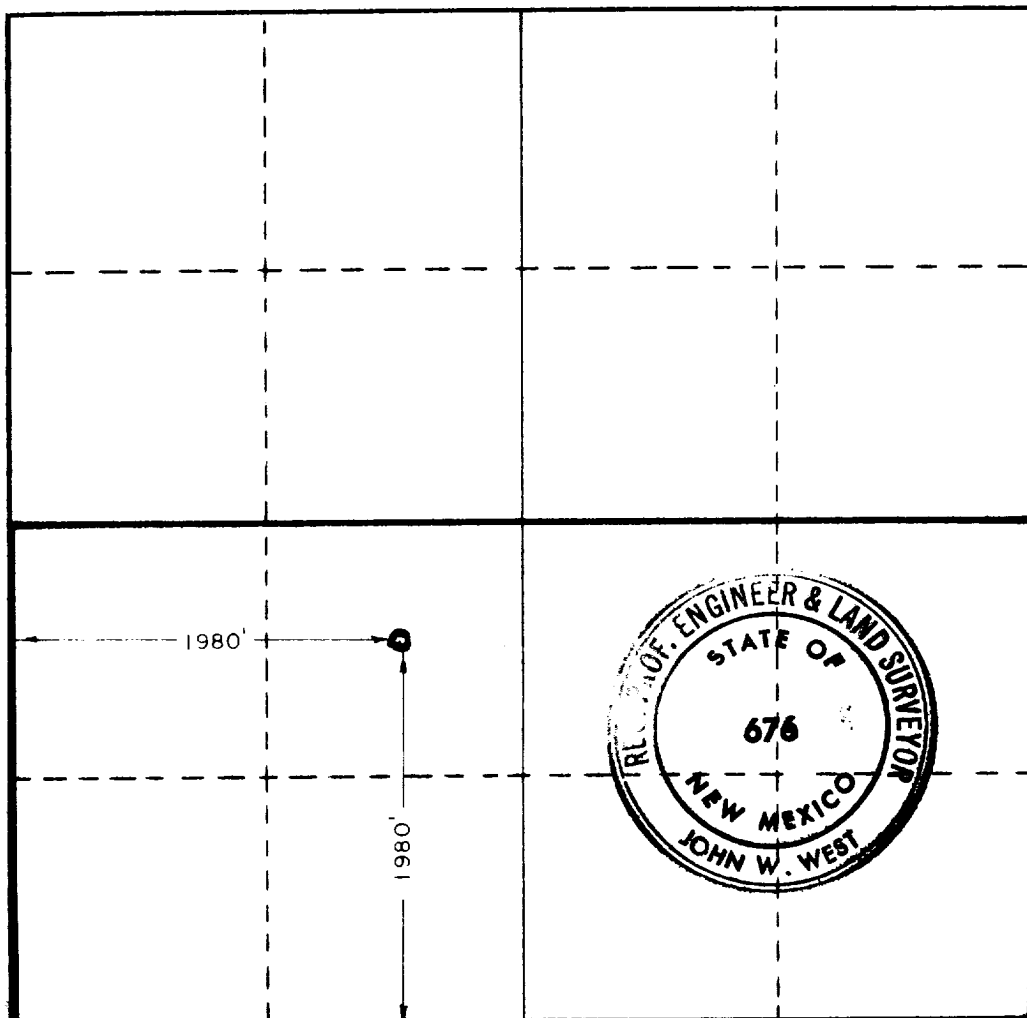
1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is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

**RECEIVED**  
**FEB 04 1977**  
 U.S. GEOLOGICAL SURVEY  
 ARTESIA, NEW MEXICO



**CERTIFICATION**

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

*Leroy A. Hurt*  
 Name

**Leroy A. Hurt**

Position

**Drlg. & W/O Foreman**

Company

**Perry R. Bass**

Date

**February 1, 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.

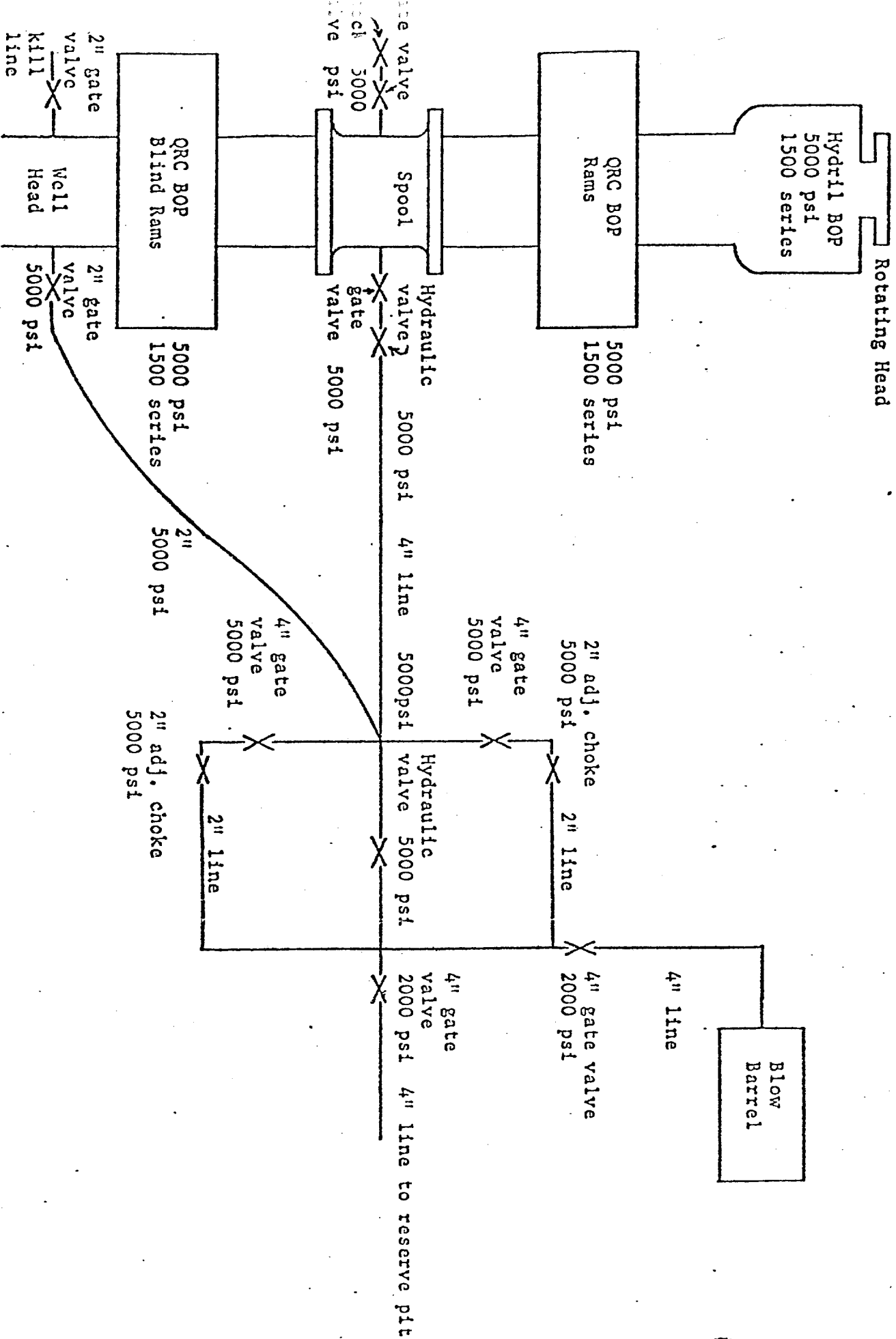
Date Surveyed

**Jan. 20, 1977**

Registered Professional Engineer and/or Land Surveyor

*John W. West*  
 Certificate No. **676**

0 200 400 600 800 1000 1200 1400 1600 1800 2000 2200 2400 2600 2800 3000



PERRY R. BASS  
JAMES RANCH UNIT NO. 12  
ANTICIPATED FORMATION MARKERS

T/Rustler Anhydrite	330
T/Salt	580
B/Salt	3,700
T/Delaware Mtn GP	4,165
T/Bone Springs	7,915
T/Wolfcamp	11,215
T/Strawn	12,265
T/Atoka	12,945
T/Morrow	13,535
T/L. Morrow	14,435
T/Barnett Shale	14,800



EXHIBIT A.

EXHIBIT 'D'

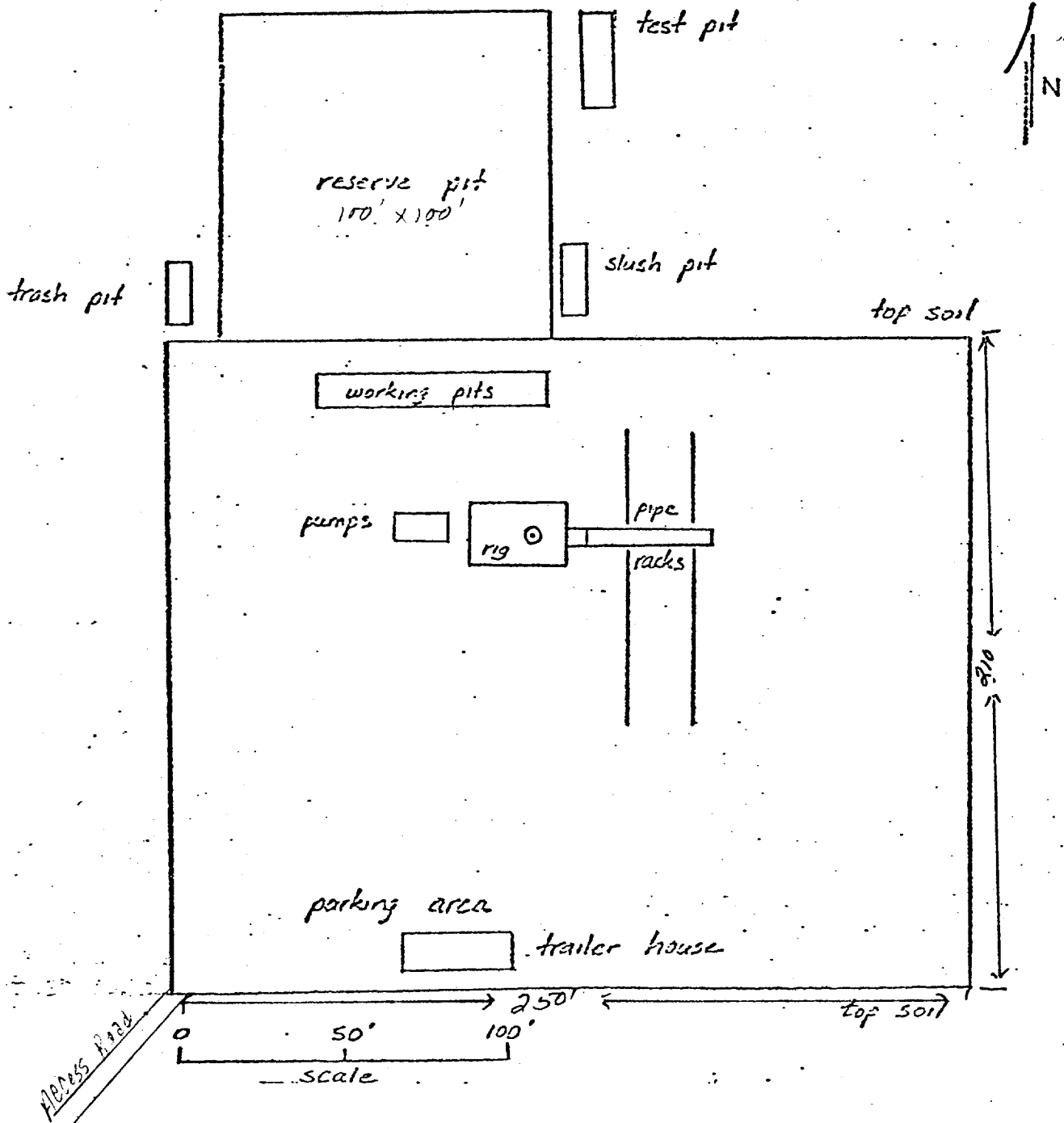
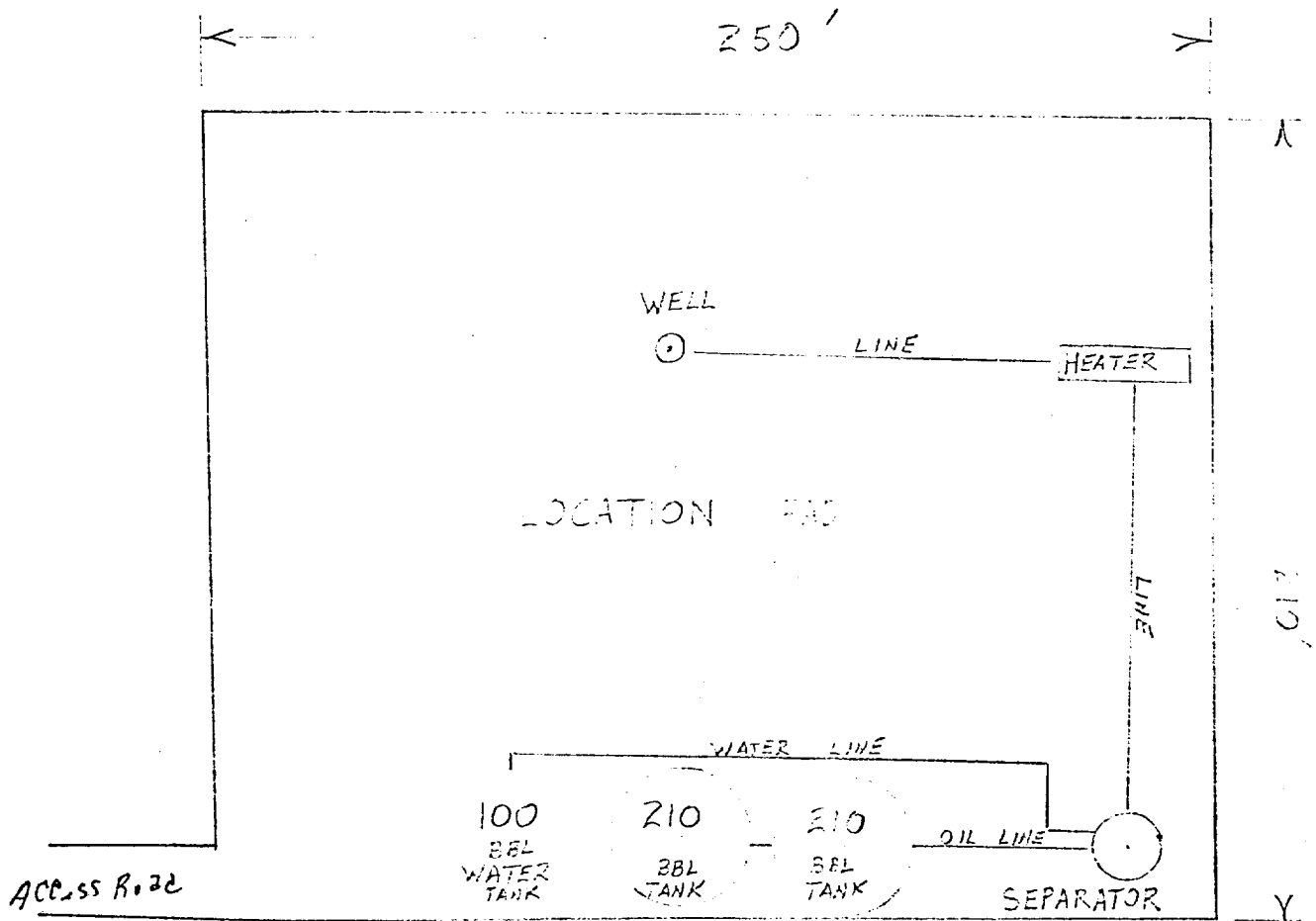




EXHIBIT "E"  
GAS WELL FACILITIES



# Memo

6-9-81

From

**W. A. GRESSETT**  
Supervisor

To Mr. Wintz.

Please submit Form C-102  
for the Atoka zone.