

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

Exploration

SINGLE  
ZONE ☐MULTIPLE  
ZONE ☐

## 2. NAME OF OPERATOR

NANCO, INC.

## 3. ADDRESS OF OPERATOR

611 Philtower Building, Tulsa, Oklahoma 74103

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

At surface

At proposed prod. zone

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

Cuba, New Mexico - Two miles Southwest

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

None

## 16. NO. OF ACRES IN LEASE

1985.57

## 19. PROPOSED DEPTH

Approx. 800 Ft.

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

## 20. ROTARY OR CABLE TOOLS

Rotary

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

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

June 23, 1977

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT   |
|--------------|----------------|-----------------|---------------|----------------------|
| 9 3/4"       | 8 5/8"         | 34 Lb.          | Approx. 100'  | Cement: Total String |
|              |                |                 |               |                      |
|              |                |                 |               |                      |

Will spud in Basal TW - Nacimiento Formation

OJO Alamo  
Kirtland  
Farmington  
Fruitland  
Pictured Cliffs  
25' Feet Sub P.C.

Approximately

"

"

"

"

400'

579'

659'

684'

787'

812'

- Approx. T.D.

JUN 24 1977

U. S. GEOLOGICAL SURVEY  
DURANGO, COLO.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. **Blowout Preventer Specifications attached hereto**

## 24. NANCO, INC.

SIGNED

*E. Alex Phillips*  
E. Alex Phillips

TITLE

President

DATE

June 24, 1977

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

## Instructions

**General:** This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

**Item 1:** If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 14:** Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

**Items 15 and 18:** If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

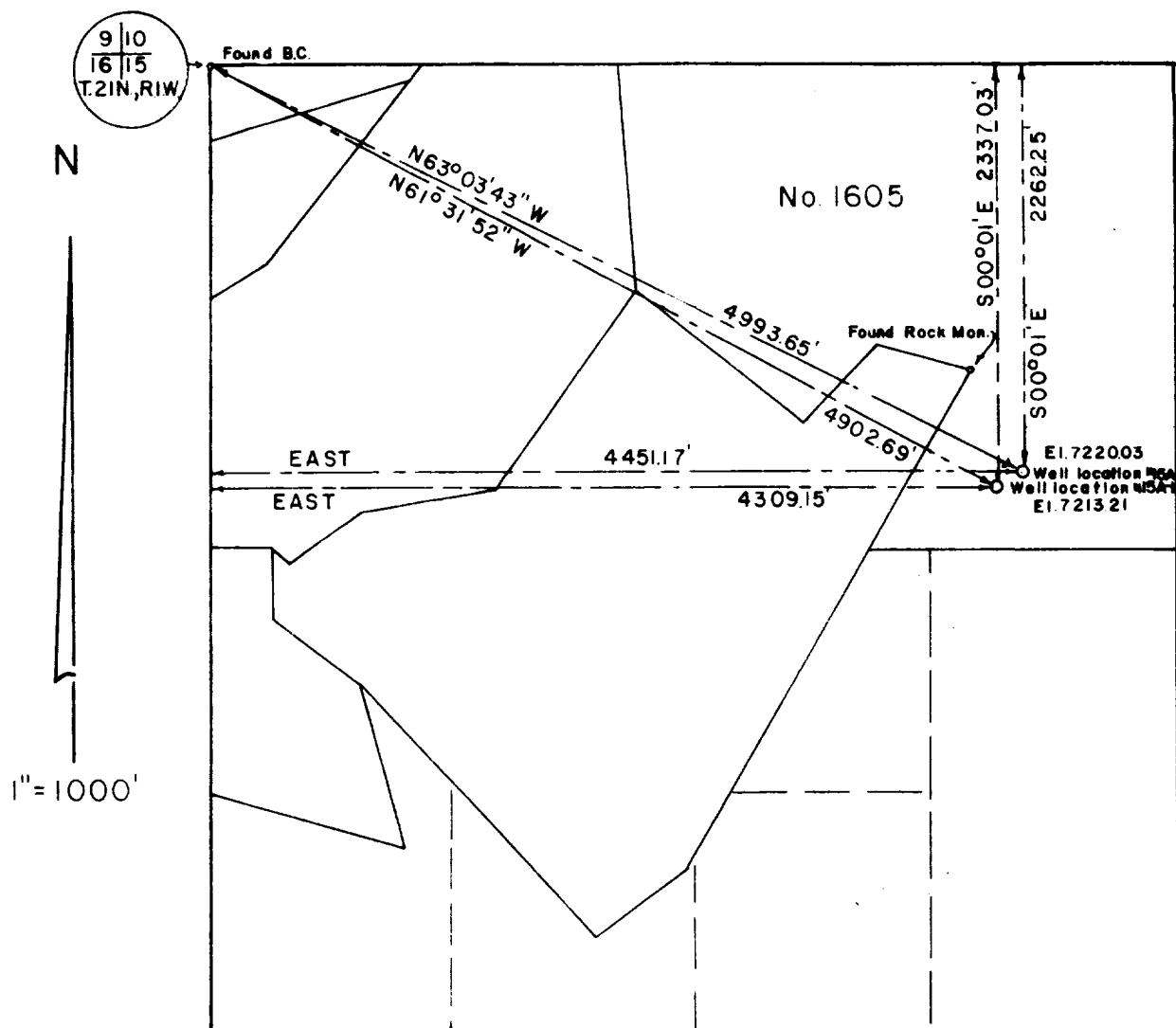
**Item 22:** Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

Section 15 Township 21 N. Range 1 W. N.M.P.M.  
Sandoval County, New Mexico

S.W.1/4 , S.E.1/4 , N.E.1/4 (Lot 3)

Section 15 Township 21 N. Range 1 W. N.M.P.M.

Sandoval County, New Mexico



NANCO, INC. 15-A  
 NE 1/4 SECTION 15 TWP. 21 N. R&E. 1 W.  
 SARDONAL COUNTY, NEW MEXICO

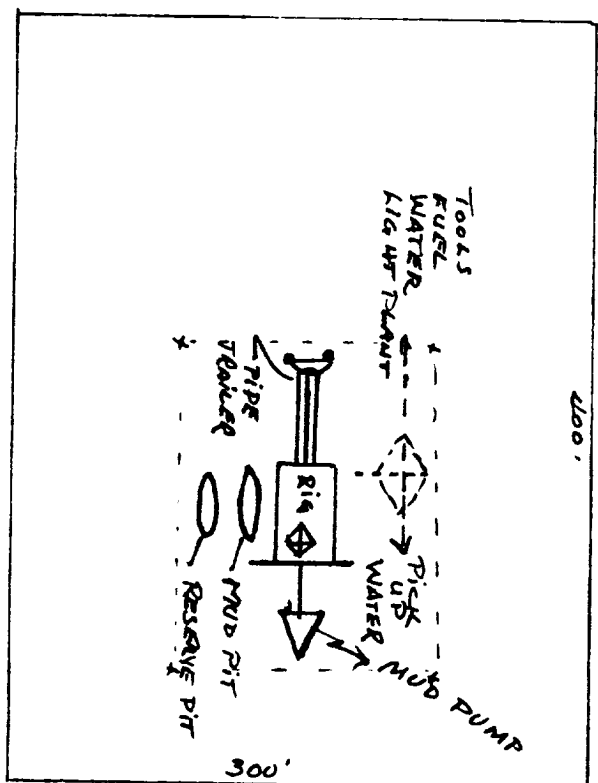
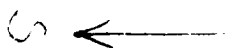
DRILLING CONTRACTOR:

LEON MESSER - BOX 361  
 CURRO N. M. 87013  
 PH: 505-284-3875

MAYHEW 1000 ROTARY RIG

SOMAFER BLOWOUT PREVENTOR  
 - MANUAL OPERATED  
 - 2500 PSI TEST FACTOR

NANCO, INC. REPRESENTATIVE  
 RONALD SORROA  
 CURRO, NEW MEXICO  
 PH: 505-284-3305



DATE 6-26-77

SCALE: 1 INCH = 100'

JUN 24 1977



DIRECTOR  
JOE D. RAMEY

## OIL CONSERVATION COMMISSION

STATE OF NEW MEXICO  
1000 RIO BRAZOS RD. - AZTEC

87410  
LAND COMMISSIONER  
PHIL R. LUCERO



STATE GEOLOGIST  
EMERY C. ARNOLD

September 16, 1977

Mr. E. Alex Phillips  
Nanco, Inc.  
611 Philtower Building  
Tulsa, Oklahoma 74103

Re: Nanco, Inc.  
Federal 15 #1, H-15-21N-1W  
Federal 31 #1, C-31-21N-1W  
Sandoval County

Dear Mr. Phillips:

Names are required for all oil or gas wells in New Mexico.

I have selected the names captioned above for simplicity.

We need form C-102 in duplicate for each of these wells. The location need not be certified by the surveyor since you have filed a certified location.

Approval of the well's non-standard location for each of these must be obtained prior to the production of petroleum products.

If there are questions, please contact us.

Yours very truly,

*A. R. Kendrick*  
A. R. Kendrick  
Supervisor, District #3

ARK:mc