

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30043-20640

5. LEASE DESIGNATION AND SERIAL NO.
NM 14825

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

BLM Land

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal ~~XXXX~~

9. WELL NO.

18

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

F Sec. 18, T20 N, R1W

12. COUNTY OR PARISH

Sandoval

13. STATE

New Mexico

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

2. NAME OF OPERATOR

Nanco, Inc.

3. ADDRESS OF OPERATOR

1205 Philtower Building, Tulsa, Oklahoma 74103-470

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

At surface
1736' from the West line of Section 18 to center of well is 1735.66 Ft.
1450' from the North line of Section 18 to center of well is 1450.58 Ft.
At proposed prod. zone

Pictured Cliff (P.C.)

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

4 miles South of Cuba, New Mexico

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT. NW 1/4 NW 1/4 Sec. 18
(Also to nearest drlg. unit line, if any)

450' from SE Corner

16. NO. OF ACRES IN LEASE

2.120.70

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160 acres

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FOR applied on lease

19. PROPOSED DEPTH

400 feet

20. ROTARY OR CABLE TOOLS

Rotary

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

6,788.36 Ground Level

22. APPROX. DATE WORK WILL START*

April 27, 1982

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/2" surface	8 5/8	26 lbs.	40 feet	to surface

(A) Proposal is to drill to Pictured Cliffs Sandstone and test Pictured Cliffs.

(B) 3000 pound test rental.



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.

SIGNER

E. Allen Kelly Jr.

TITLE

President

DATE

4-22-82

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

Gas not dedicated

oh2

APPROVED
AS AMENDEDAPR 29 1982
Elliott
For JAMES F.
DISTRICT ENGINEER

NM000

All distances must be from the outer boundaries of the Section.

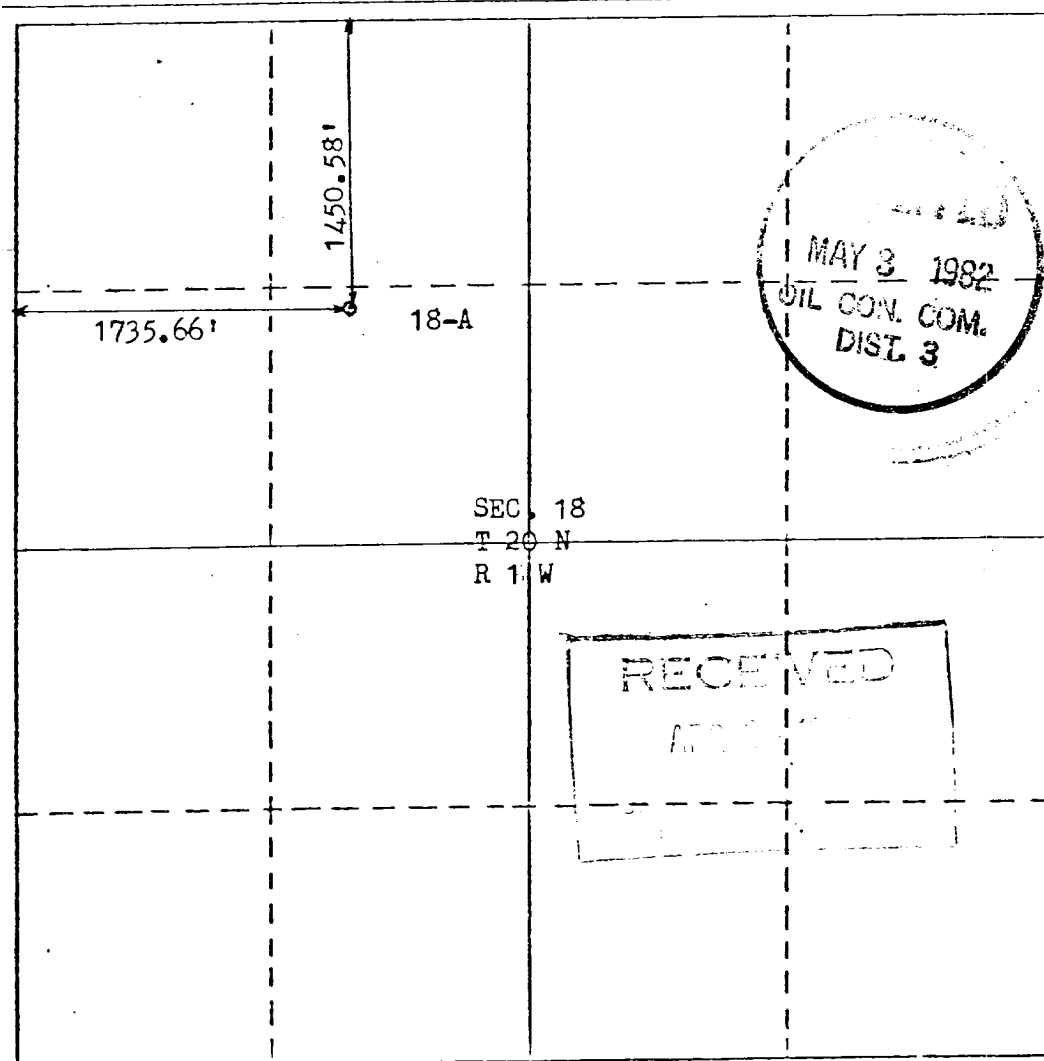
Operator		Lease <u>Federal</u>		Well No. <u>18-A</u>	
Unit Letter	Section <u>18</u>	Township <u>20 N</u>	Range <u>1 W</u>	County <u>Sandoval</u>	
Actual Footage Location of Well:					
<u>1735.66</u> feet from the <u>WEST</u> line and		<u>1450.58</u> feet from the <u>NORTH</u> line			
Ground Level Elev. <u>6788.36 feet.</u>	Producing Formation <u>Pictured Cliffs</u>	Pool <u>Undesignated</u>	Dedicated Acreage: <u>1600</u> 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 Division.



CERTIFICATION

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

E. Alex Phillips

Name
President

Position
NANCO, INC.

Company

Date

I hereby certify that the well location shown on this plat was plotted from field notes of actual survey made by me, or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

4-17-82

Date Surveyed

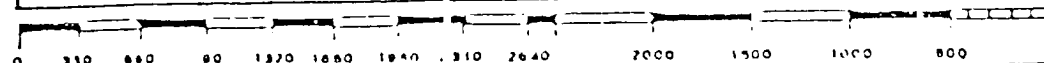
Wayne E. Johnston

Registered Professional Engineer
and/or Land Surveyor

WAYNE E. JOHNSTON

N.M.L.S. 6540

Certificate No.



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ gas ☐ other **Wildcat**
well well

2. NAME OF OPERATOR

NANCO, INC.

3. ADDRESS OF OPERATOR

1200 Philtower Bldg. Tulsa, Ok. 74103

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.) **1735.66' West Line 1450.58' No. Line**

AT SURFACE:

AT TOP PROD. INTERVAL:

AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

CHANGE ZONES ☐

ABANDON* ☐

(other)

Completion Information

SUBSEQUENT REPORT OF:

☐

☐

☐

☐

☐

☐

☐

☐

☐

5. LEASE

NM 14825

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

18 R

10. FIELD OR WILDCAT NAME

Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA **9**

NW 1/4 Sec. 18 Twp 20 N, Rge 1 West

12. COUNTY OR PARISH

Sandoval

13. STATE

New Mexico

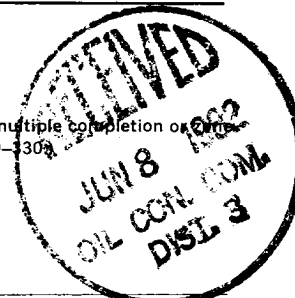
14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)

6788.36 G.L.

(NOTE: Report results of multiple completion or change on Form 9-330)

JUN 04 1982



17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

4-30-82 Moved rig to location - spudded hole - drilled 30' 12 1/2" hole

5-1-82 Drilled 12 1/2" hole to 50 feet

5-2-82 Ran two joints 8 5/8" surface casing to 45 feet; cemented surface casing with 25 sacks regular cement and circulated to surface.

5-3-82 Waiting on cement to set; 5-4-82 Tested blowout preventor to 200 lbs. PSI. Man

5-4-82 Drilled to 200; Considerable fresh water at 95' @jo Alamo Zone

5-5-82 Cont. drilling to 275'

5-6-82 5-7-82 Rained, did not work

5-8-82 Drilled to 350 (Pictured Cliffs Coal at 340') Mud 40 Viscosity 9.2 weight.

5-9-82 Continued to drill to 400'; Reverse circulated, Blew mud out of hole; checked for gas/oil show in Pictured Cliffs.

5-9-82 cont'd on back.

Subsurface Safety Valve: Manu. and Type

Manual Blow out

Set @

Surface

18. I hereby certify that the foregoing is true and correct

SIGNED

E. Allen Phillips

TITLE

President

DATE

5-26-82

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

ACCEPTED FOR RECORD

CONDITIONS OF APPROVAL, IF ANY:

NMOCC

JUN 07 1982

*See Instructions on Reverse Side

FARMINGTON DISTRICT

BY

525

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law 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 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 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

GPO : 1976 O - 214-149

5-9-82 Cont'd.:

**Ten foot samples were caught from beneath surface casing (at 50 feet) to total depth (at 400 feet)
Following zones were reported and recorded:**

Alluvium:	Surface to 20 Feet
Nacimlento:	20 Feet to 35 Feet
Ojo Alamo:	35 Feet to 130 Feet
Kirtland:	140 Feet to 205 Feet
Fruitland:	205 Feet to 340 Feet
Pictured Cliffs Coal	340 Feet to 350 Feet
Pictured Cliffs Sandstone	350 to 400 Feet.

General Remarks:

Considerable fresh waters from 95 feet to 130 feet (Ojo Alamo)

No signs of Gas or Hydrocarbons
were found in sample cuttings or drilling fluids

well was blown dry and pressure tested for Natural Gas show from
Pictured Cliffs. No show of Gas or other Hydrocarbons was encountered.

5-10-82 On standby for evaluation and abandonment.