



United States Department of the Interior **RECEIVED**

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

JUN 5 1974

O. C. C.
ARTESIA, OFFICE

MAY 31 1974

Franklin, Aston & Fair, Inc.
Post Office Box 1090
Roswell, New Mexico 88201

Gentlemen:

Your Application for Permit to Drill well No. 2 Yates "B" Federal in the SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 12, T. 18 S., R. 30 E., N.M.P.M., Eddy County, New Mexico, lease New Mexico 021096, to a depth of 3,800 feet to test the San Andres Formation in the Potash Area, is hereby approved.

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 505-746-4841.

Sincerely yours,

(ORIGINAL FILED IN TRAYWICK)

CARL C. TRAYWICK
Acting Oil and Gas Supervisor

Attachment

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

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

FRANKLIN, ASTON & FAIR, INC. ✓

3. ADDRESS OF OPERATOR

P. O. Box 1090, Roswell, New Mexico 88201

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

At surface

1980' FEL & 660' FSL, Section 12-18S-30E

At proposed prod. zone

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

10. DISTANCE FROM PROPOSED*

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

1980'

16. NO. OF ACRES IN LEASE

1,400

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION*

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

19. PROPOSED DEPTH

3,800'

20. ROTARY OR CABLE TOOLS

Rotary

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

3537 GR

22. APPROX. DATE WORK WILL START*

May 25, 1974

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	8 5/8	24#	550	300 sacks circ. surface
7 7/8	5 1/2	14#	3,800	300 sacks

Drilling operations will begin about May 25, 1974, 8 5/8" 24# casing will be set at 550' with 300 sacks Class C cement circulated to surface. A 7 7/8" hole will be drilled from the base of the 8 5/8" casing to the top of the San Andres formation at 3,800 feet. Fresh water native mud will be used from surface to 550 feet. Salt water native mud with paper will be used from 550 feet to total depth. At 2,800 feet the mud will be brought to 36-40 viscosity, 10 cc water loss, 9# weight and maintained while drilling the potentially productive sand zones.

RECEIVED
APR 12 1974
U. S. GEOLOGICAL SURVEY
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

Kent M. Smith

TITLE

Geologist

DATE

April 11, 1974

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

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.

NEW MEXICO OIL CONSERVATION COMMISSION
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 FRANKLIN, ASTON & FAIR, INC.			Lease B YATES FEDERAL #1		Well No. 2
Unit Letter O	Section 12	Township 18 SOUTH	Range 30 EAST	County EDDY	
Actual Plotage Location of Well: 660 feet from the SOUTH line and 1980 feet from the EAST line					
Ground Level Elev. 3537 GR	Producing Formation		Pool Shugart		Dedicated Acreage: 40 Acres

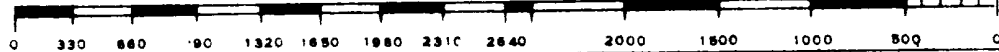
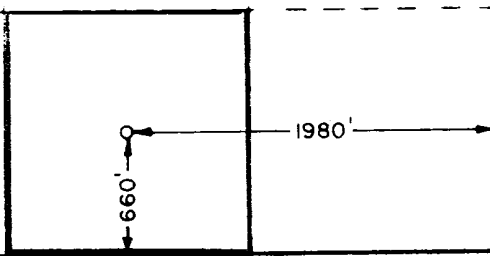
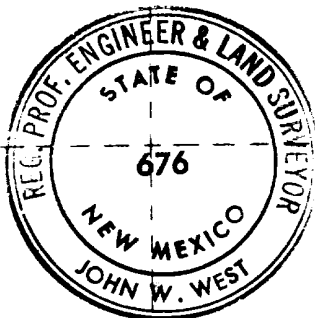
1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is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

NOTE: LOCATION ELEVATION IS 10.1 FEET LOWER THAN YATES FEDERAL #1 LOCATED 660 FEET FROM THE SOUTH AND EAST LINES OF SEC. 12, T 18 S, R 30 E



CERTIFICATION

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

Grant M. Smith
Name

Grant M. Smith

Position
Geologist

Company
Franklin, Aston & Fair, Inc.

Date
April 11, 1974

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

RECEIVED

APR 12 1974

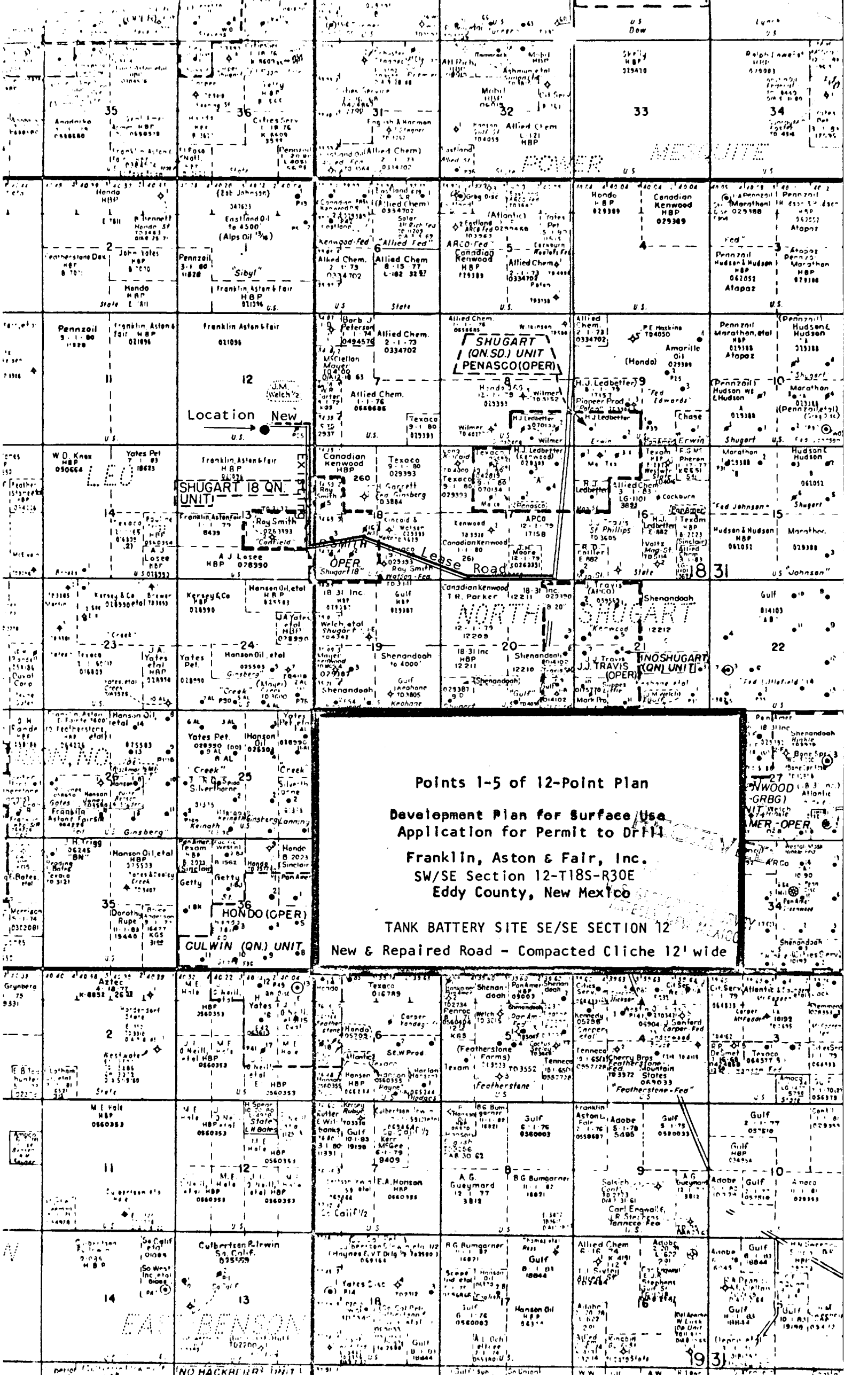
**U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO**

Date Surveyed
MARCH 28, 1974

Registered Professional Engineer and/or Land Surveyor

John W. West

Certificate No. **676**

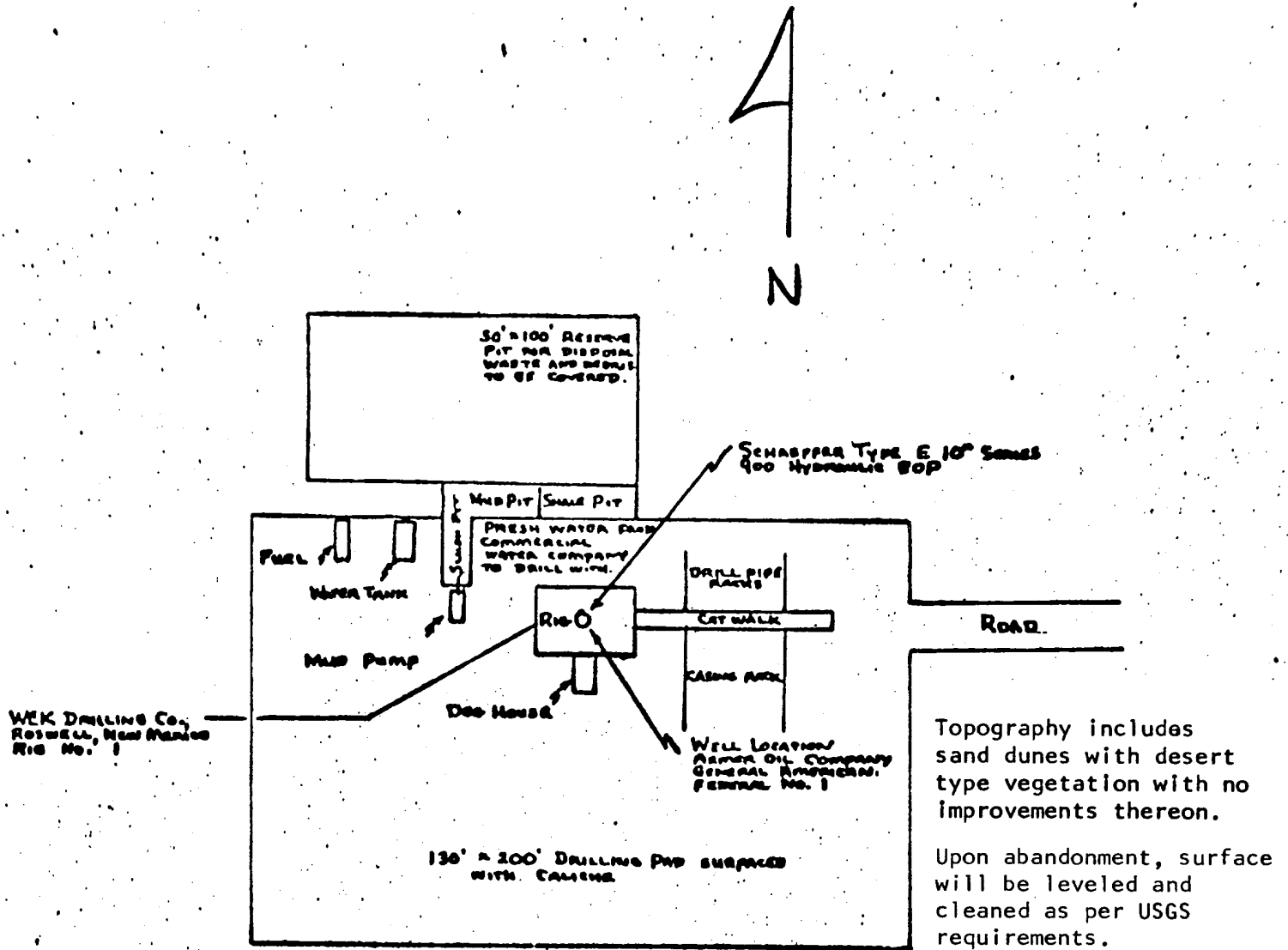


Points 1-5 of 12-Point Plan
Development Plan for Surface Use
Application for Permit to Drill

Franklin, Aston & Fair, Inc.
SW/SE Section 12-T18S-R30E
Eddy County, New Mexico

TANK BATTERY SITE SE/SE SECTION 12

New & Repaired Road - Compacted Cliche 12' wide



Points 8 & 9 N.A.

Points 6, 7, 10, 11, and 12
12-Point Plan

Development Plan For Surface Use
Application For Permit To Drill

FRANKLIN, ASTON & FAIR, INC.
YATES FEDERAL WELL NO. 2
SWSE SECTION 12-T18S-R30E, NMPM
Eddy County, New Mexico

RECEIVED

LAND SURVEY
MEXICO