

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 &amp; 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

330' FNL &amp; 1980' FWL

At proposed prod. zone

Section 4 - T18S - R30E

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

2 miles south

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

330'

## 16. NO. OF ACRES IN LEASE

2083.04

## 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

3500'

## 20. ROTARY OR CABLE TOOLS

Cable

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

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

September 30, 1975

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8 5/8"	24	500	150 sacks
8"	5 1/2"	15.5	3500	250 sacks

This well will commence drilling about September 30, 1975. An 11" hole will be drilled to 500' and 8 5/8" casing will be set for water shut off. An 8" hole will be drilled to the Loco Hills at 2900 or to the San Andres at 3500' and 5 1/2" casing run for completion.

RECEIVED

OCT 8 1975

O. C. C.  
ARTESIA, OFFICERECEIVED  
SEP 25 1975  
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

*Grant M. Smith*

TITLE

Geologist

DATE

9-23-75

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

OCT 8 1975  
A. L. BEEKHUN  
ACTING DISTRICT ENGINEERTHIS APPROVAL IS RESCINDED IF OPERATIONS  
ARE NOT COMMENCED WITHIN 3 MONTHS.  
JAN 8 1976  
See Instructions On Reverse Side

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form 1-1-1  
Supersedes 6-1-18  
12-11-1954

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

Franklin, Aston & Fair, Incorporated

Nelson Federal

5

C

4

18 South

30 East

Eddy

330

North

1980

West

3571.4

San Andres

Loco Hills  
Queen, Grayburg, San Andres

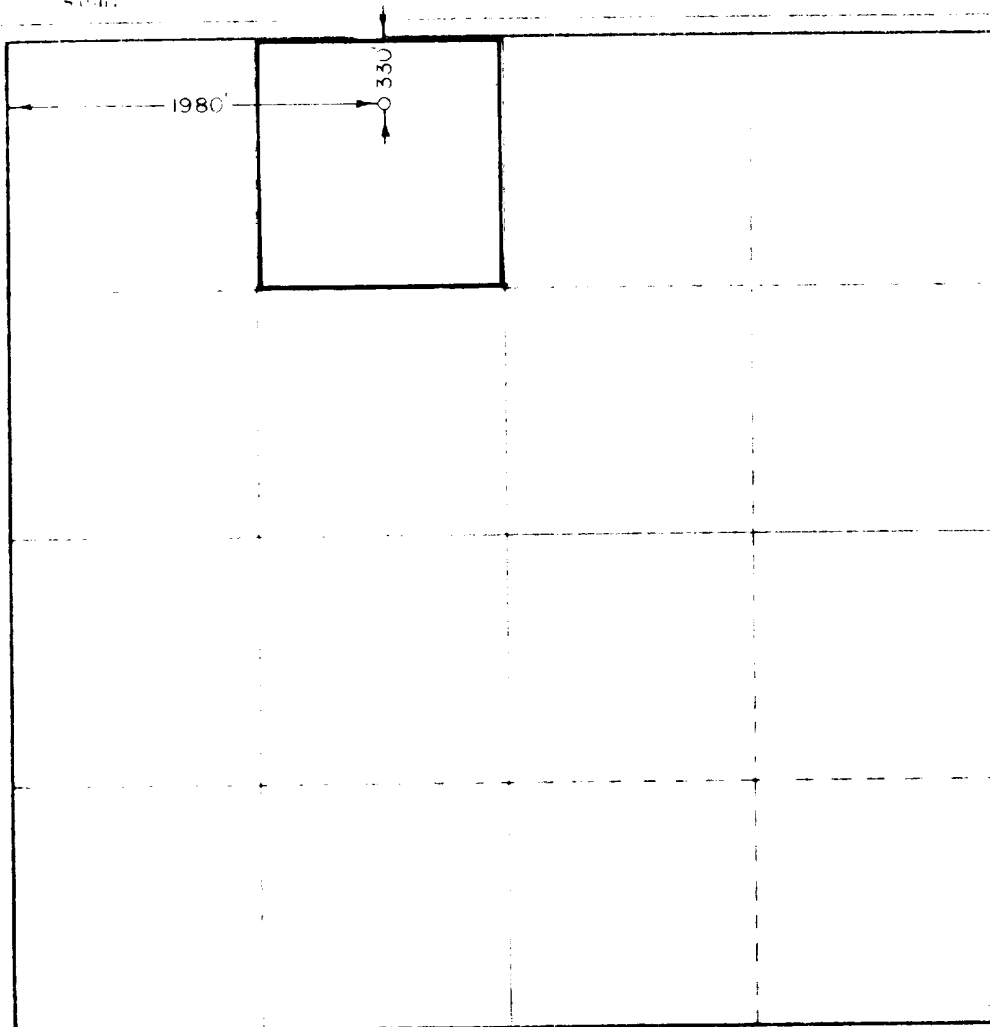
40

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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, force-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

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

*Grant M. Smith*

Grant M. Smith

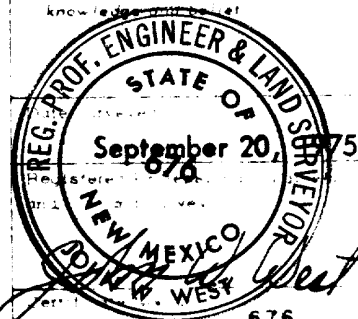
Geologist

Franklin, Aston & Fair

September 21, 1975

RECEIVED  
SEP 25 1975

I hereby certify that the well location shown on this plat is based on field notes made by me or my assistants, and that the same are correct to the best of my knowledge and belief.



676

SURFACE USE PLAN

FRANKLIN, ASTON & FAIR, LTD.  
Nelson Federal #5  
330' FNL & 1980' FWL  
Sec. 4-18S-30E  
Eddy County, New Mexico

1. AREAL ROAD MAP - Exhibit A
2. LOCATION OF EXISTING WELLS - Exhibit A
3. PROPOSED WELL MAT AND IMMEDIATE AREA - Exhibit B
  - a. MAT SIZE - 180' by 90'
  - b. SURFACED - compacted caliche
  - c. RESERVE PIT - 25' by 45'
  - d. CUT & FILL - Very little cut and fill is anticipated
  - e. DRILL SITE LAYOUT - Exhibit B
  - f. SETTING AND ENVIRONMENT
    - (1) TERRAIN - Sand dunes
    - (2) SOIL - Red sandy soil
    - (3) VEGETATION - Yucca, shinnery and other desert vegetation
    - (4) SURFACE USE - Grazing
    - (5) OTHER - None
  - g. DISTANCES TO:
    - (1) PONDS AND STREAMS - None in immediate area or nearer than 2 miles
    - (2) WATER WELLS - none nearer than 2 miles

- (3) RESIDENCES AND BUILDINGS - no buildings or residences are located within 1 mile of the well
- (4) ARROYOS, CANYONS, HILLS, ETC. - Low Sand dunes are the only hills, there are no canyons or arroyos within 2 miles

- h. WELL SIGN - Should the well be a producer, a well sign will be at the well. A regulation marker will be placed at the well if it is a dry hole.
- i. OPEN PITS - All open pits will be filled and leveled when the well is completed or abandoned.

4. ROADS

- a. EXISTING ROADS - Existing roads are black top or compacted caliche lease roads.
- b. PLANNED ROADS -  $\frac{1}{4}$  mile of new compacted caliche road is planned due east of the Nelson #4 well.
- c. FENCES, GATES AND CATTLE GUARDS - No new fences will be erected or cattle guards required

5. TANK BATTERY - If the well is a producer, the tank battery located in Unit E of Section 4 will be used.

6. LEASE PIPELINES

- a. EXISTING - A line exists from the Nelson #4 well south to the tank battery in Unit E.
- b. PLANNED - A 2" line will be layed from the well to the tank battery if the well is a Producer.

7. WASTE DISPOSAL - All waste will be disposed of in the reserve pit.

8. WATER SUPPLY - Water for drilling will be hauled from Loco Hills.

9. ARCHAEOLOGICAL RESOURCES - No archaeological resources were noted.
10. RESTORATION OF SURFACE - Upon completion, the pits will be filled and location leveled as near as possible to original contour.
11. OPERATOR'S REPRESENTATIVES -
- |                 |                 |
|-----------------|-----------------|
| Grant M. Smith  | J. W. Brasfield |
| Office 622-2040 | Office 677-3241 |
| Roswell, NM     | Loco Hills, NM  |

12. CERTIFICATION

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions as they actually exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the proposed work performed by Cortez Drilling Company and its contractors and sub-contractors will conform to this plan.

September 23, 1975  
DATE

Grant M. Smith  
Grant M. Smith, Geologist

Points 1-5 of 12-Point Plan  
Development Plan for Surface Use  
Application for Permit to Drill  
Franklin, Aston, & Fair, Inc.  
Nelson Federal #5  
330' FNL & 1980' FWL  
Section 4-18S-30E  
Eddy County, New Mexico

TANK BATTERY WILL BE AT WELL SITE

Existing roads are black top or compacted  
caliche, 1/4 mile new road is planned in  
Section 4 ( 12' wide)

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Points 6-12 of 12-Point Plan

Development Plan

Franklin, Aston, & Fair, Inc.

Nelson Federal #5

330' FNL & 1980' FWL

Section 4-18S-30E

Eddy County, New Mexico

Topography includes sand dunes  
with desert type vegetation.

Improvements are lease roads.

Highways and black top roads.

Waste material from rig will be  
buried in slush pit.

No camp will be built.

Produced salt water will be  
disposed of according to  
State requirements.

45'

25'

PIT



WATER TANK

RIG

PIPE RACKS

180'

106'