

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

Flag-Redfern Oil Company

## 3. ADDRESS OF OPERATOR

P. O. Box 23, Midland, Texas 79701

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

At surface

1980' FNL &amp; 660' FEL

At proposed prod. zone

Same

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

15 miles east of Crossroads, N. M.

## 15. DISTANCE FROM PROPOSED\*

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

660'

## 18. DISTANCE FROM PROPOSED LOCATION\*

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

1320'

## 16. NO. OF ACRES IN LEASE

160

## 19. PROPOSED DEPTH

5100'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40

## 20. ROTARY OR CABLE TOOLS

Rotary

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

3975' GR

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

November 15, 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"	28# K-55	350'	250 SX <b>CIRCULATE</b>
7-7/8"	4-1/2"	9.5# K-55	5100'	250 SX

Drill 12-1/4" hole from surface to approximately 350'. Run and set 8-5/8" casing and cement to surface with 250 sacks Class "C" with 2% CaCl. Drill 7-7/8" hole to approximately 5100'. Run open hole logs. Run and set 4-1/2" casing and cement with 250 sacks Class "H" Poz with 2% gel, 0.75% CFR-2, 8 lbs salt per sack. Run correlation logs and perforate San Andres formation. Treat with acid. Swab to test. Potential well.

Mud Program: 0- 375' Native Mud  
375-4850' Native Mud and Oil  
4850-T.D. Starch, Oil Emulsion

Blowout Preventers: Shaffer 10" - Series 900 - Installed on surface pipe.

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

*John A. Lunsford*

TITLE

Petroleum Engineer

DATE October 15, 1974

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

**APPROVED**

NOV 1 1974

ARTHUR R. BROWN  
DISTRICT ENGINEER

\*See Instructions On Reverse Side

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.

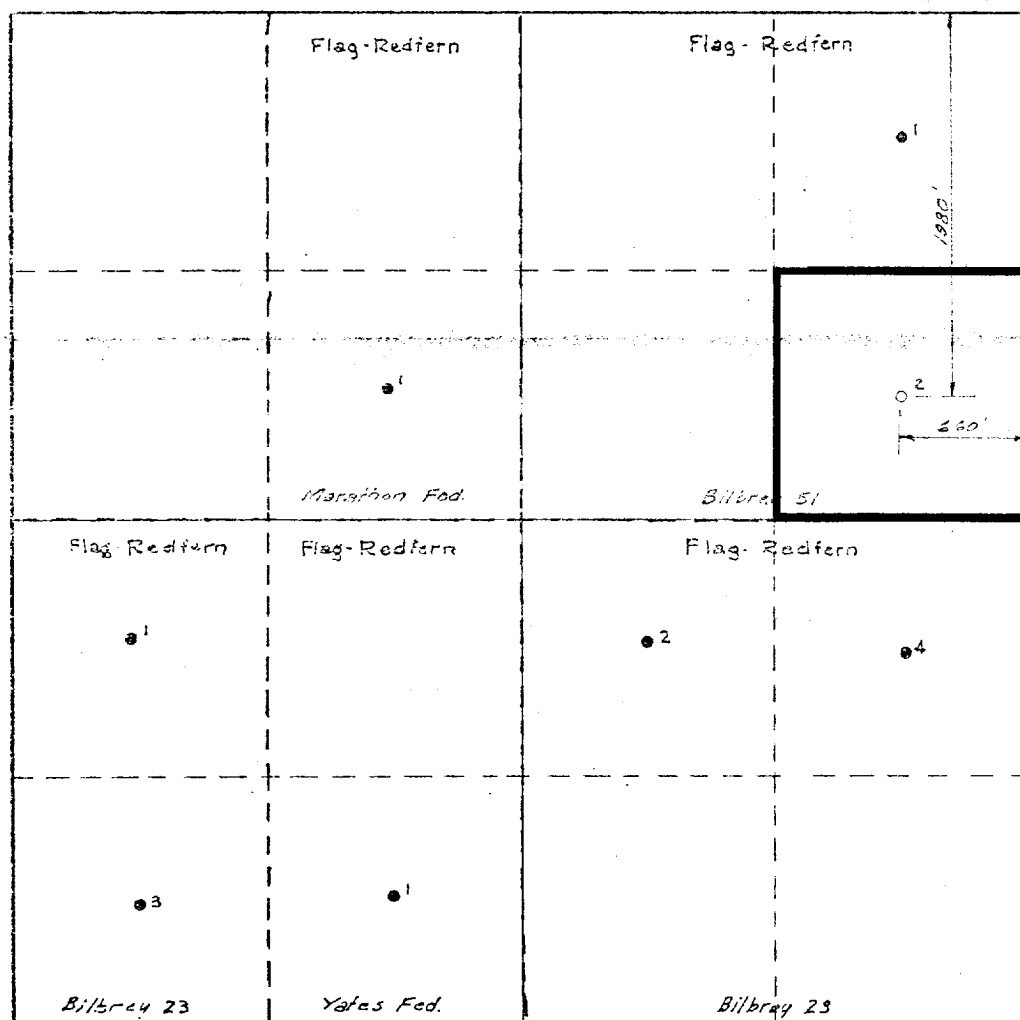
Operator <b>Flag-Redfern Oil Company</b>			Lease <b>Bilbrey "51"</b>		Well No. <b>2</b>
Unit Letter <b>H</b>	Section <b>23</b>	Township <b>9S</b>	Range <b>37E</b>	County <b>Lea</b>	
Actual Footage Location of Well: <b>1980</b> feet from the <b>North</b> line and <b>660</b> feet from the <b>East</b> line					
Ground Level Elev. <b>3975'</b>	Producing Formation <b>San Andres</b>		Pool <b>Sawyer</b>		Dedicated Acreage: <b>40</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.



CERTIFICATION

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

Name: Alan A. Lunsberry  
Position: Petroleum Engineer

Company: Flag-Redfern Oil Company

Date: October 15, 1974

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: October 11, 1974

Registered Professional Engineer and/or Land Surveyor

Certificate No. 754