

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

30-005-20840
Form C-101
Revised 10-1-78

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5A. Indicate Type of Lease
STATE ☐ FEE ☒

5. State Oil & Gas Lease No.

7. Unit Agreement Name

8. Farm or Lease Name
Nuckols "24"

9. Well No.
4

10. Field and Pool, or Wildcat
Tom-Tom (San Andres)

11. County
Chaves

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. Type of Work
DRILL ☐ DEEPEN ☐ PLUG BACK ☐

2. Type of Well
OIL WELL ☒ GAS WELL ☐ OTHER ☐

3. Name of Operator
Flag-Redfern Oil Company

4. Address of Operator
P. O. Box 2280, Midland, Texas 79702

Location of Well
UNIT LETTER K LOCATED 1980 FEET FROM THE South LINE
1980 FEET FROM THE West LINE OF SEC. 24 TWP. 7-S RGE. 31-E NMPM

19. Proposed Depth
4200'

19A. Formation
San Andres

20. History of C.T.
Rotary

21. Elevations (show whether DF, RT, etc.)
4384 GR

21A. Kind & Status Plug. Bond
Blanket

21B. Drilling Contractor
Peterson Drilling

22. Approx. Date Work will start
As soon as approved

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/2"	8 5/8"	24# J	1650	800 sx	Circ.
7 7/8"	4 1/2"	9.5# K	4160	250 sx	3200'

Drill 12 1/4" hole to 1650' or into the top of the Rustler Anhydrite. Run 8 5/8" casing and circulate cement with 600 sx of Halliburton Lt. Wt. with 1/4# sx Flocele and 8#/sx of salt, followed by 200 sx of Class "C" with 2% CaCl. Drill 7 7/8" hole to approximately 4160'. Run openhole log. Run 4 1/2" casing to 4160' and cement with 250 sx of 50/50 Class "H", Pozmix "A" with 2% gel, 0.75% CFR-2 and 8# salt per sack. Run Correlation Log and perforate the San Andres Formation. Treat with acid. Swab to test. Potential well.

Mud Program

0-1650 Native
1650-TD Native Mud & Oil

Estimated Tops

Rustler Anhydrite - 1650'
Top of Salt - 1685'
Yates - 2120'

Queen - 2570
San Andres - 3205
San Andres Marker - 3750
S. A. Prorsity - 4005

Blowout Preventors: Shaffer 10" Series 900 installed of Surface Casing.

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 7/8/82
UNLESS DRILLING UNDERWAY

ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

and [Signature] Title Engineer Date 12/23/81

(This space for State Use)

JAN 3 1982

APPROVED BY [Signature] TITLE [Signature] DATE [Signature]

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-127
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section

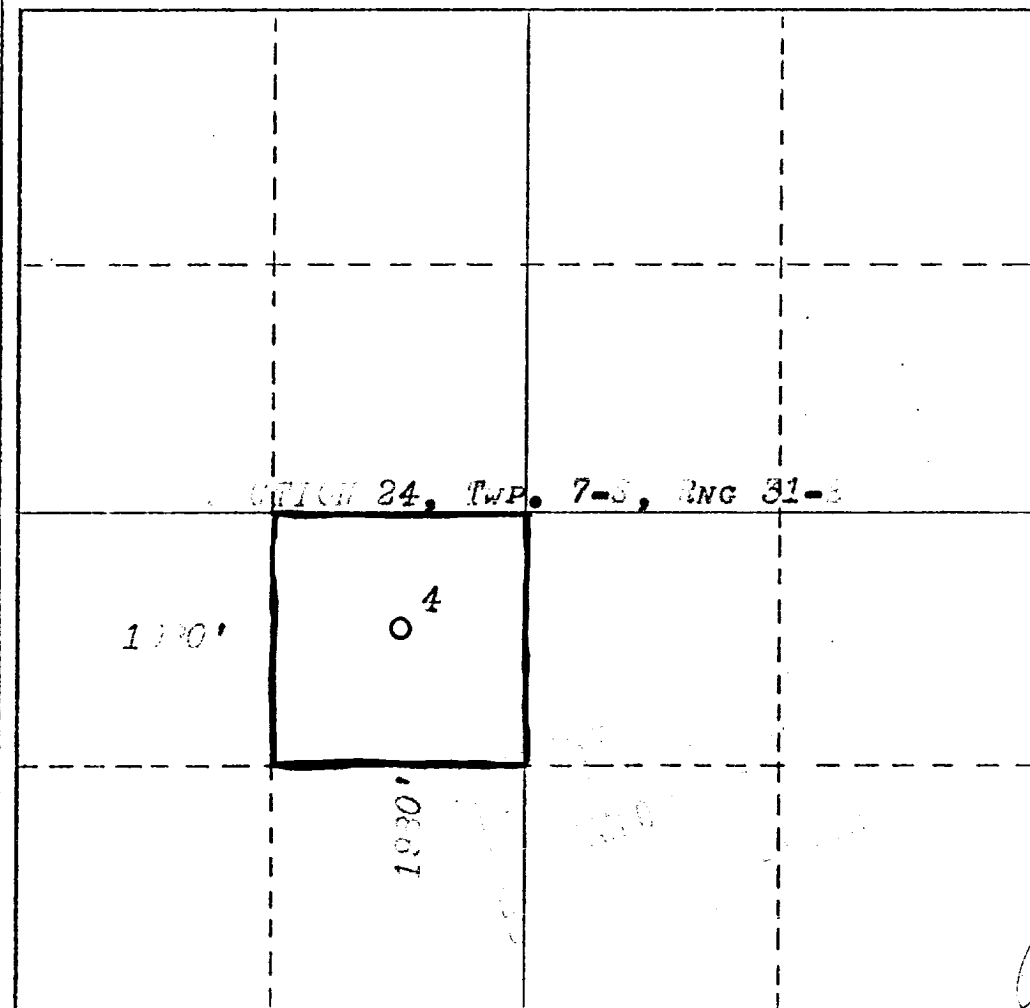
Operator FLAG-RED FERN OIL COMPANY			Lease MUCKOLS "24"		Well No. 4
Unit Letter A	Section 24	Township 7-S	Range 31-E	County CHAVES	
Actual Footage Location of Well: 1930 feet from the SOUTH line and 1930 feet from the WEST line					
Ground Level Elev. 4334	Producing Formation San Andres		Pool Tom-Tom (San Andres)		Dedicated Acreage: 40 Acres

- Outline the acreage dedicated to the subject well by colored pencil or hachure 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, 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
Petroleum Engineer
Position
Flag-Redfern Oil Company
Company
December 23, 1981
Date

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
Dec. 12, 1981
Registered Professional Engineer
and/or Land Surveyor

Comptrol No.
754

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600