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NEW MEXICO OIL CONSERVATION COMMISSION

**APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,**

EXPIRES 2/12/81

30-005-20773

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease	
STATE <input type="checkbox"/>	FEE <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No. 204242	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name Nuckols "24"	
2. Name of Operator Flag-Redfern Oil Company		9. Well No. 2	
3. Address of Operator P.O. Box 2280, Midland TX 79702		10. Field and Pool, or Wildcat Tom-Tom (San Andres)	
4. Location of Well UNIT LETTER <u>N</u> LOCATED <u>660</u> FEET FROM THE <u>South</u> LINE AND <u>1980</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>24</u> TWP. <u>7-S</u> RGE. <u>31-E</u> NMPM		12. County Chaves	
21. Elevations (Show whether DE, RT, etc.) 4378 GL		19. Proposed Depth 4160	19A. Formation San Andres
21A. Kind & Status Plug. Bond Blanket	21B. Drilling Contractor WEK	20. Rotary or C.T. Rotary	
23.		22. Approx. Date Work will start 11-24-80	

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/4"	8 5/8"	24# J	1650	725 SX	Circulate
7 7/8"	4 1/2"	10.5# 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 525 sx of Halliburton Lt. Wt. with 1/4# sx Flocele & 8#/sx of salt, followed by 200 sx of Class "C" with 2% CaCl. Drill 7-7/8" hole to approximately 4150'. 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 - 1605'

Top of Salt - 1685'

Yates - 2120'

Queen - 2570

San Andres - 3205

San Andres Marker - 3750

S. A. Porosity - 4005'

Blowout Preventors: Cameron 10" Series 900 installed on Surface Casing.

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. 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.

Signed J. C. Scherer Title Production Engineer Date November 10, 1980

(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT DATE 11-12-1980

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-107
Supersedes C-128
Effective 1-1-65

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

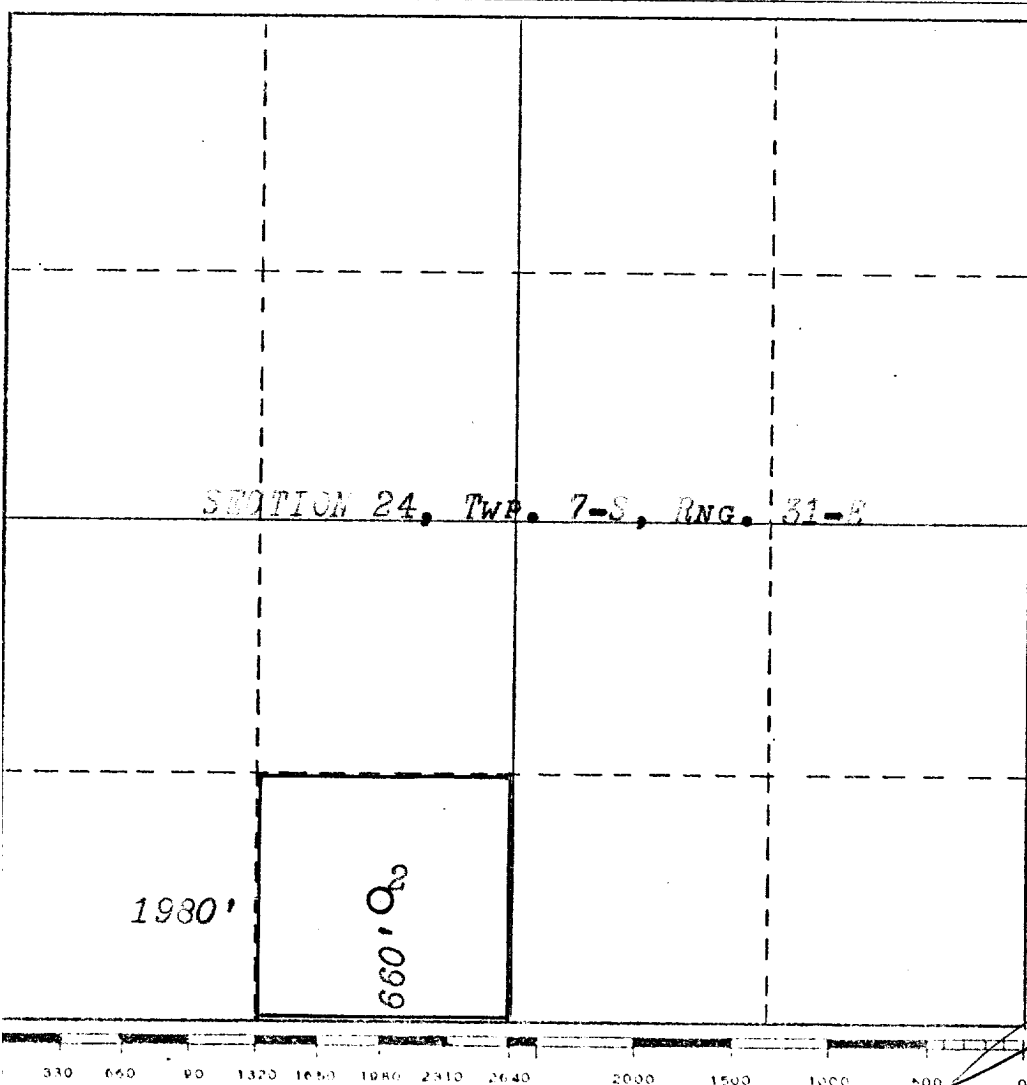
Operator FLAG-REDFERN OIL COMPANY		Lease NUCKOLS "24"		Well No. "24" 2
Unit Letter N	Section 24	Township 7-S	Range 31-E	County CHAVES
Actual Postage Location of Well: 660 feet from the SOUTH line and 1980 feet from the WEST line				
Ground Level Elev. 4378	Producing Formation San Andres	Pool Tom-Tom (San Andres)	Dedicated Acreage 40 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 *J. C. Sherry*
Position **Production Engineer**
Company **Flag-Redfern Oil Company**
Date **November 10, 1980**

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 **Nov. 5, 1980**
Registered Professional Engineer and/or Land Surveyor *[Signature]*

Certificate No.

754

