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LAND OFFICE	
OPERATOR	

# NEW MEXICO OIL CONSERVATION COMMISSION

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.	
7. Unit Agreement Name	
8. Farm or Lease Name	
Southard "A"	
9. Well No.	
3	
10. Field and Pool, or Wildcat	
Tom-Tom (San Andres)	
12. County	
Chaves	
19. Proposed Depth	19A. Formation
4150	San Andres
20. Rotary or C.T.	
Rotary	
21. Elevations (Show whether DF, RT, etc.)	22. Approx. Date Work will start
4374GR	5-22-81

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well		8. Farm or Lease Name	
DRILL <input checked="" type="checkbox"/>	DEEPEN <input type="checkbox"/>	Southard "A"	
OIL WELL <input checked="" type="checkbox"/>	GAS WELL <input type="checkbox"/>	9. Well No.	
OTHER <input type="checkbox"/>	SINGLE ZONE <input checked="" type="checkbox"/>	3	
2. Name of Operator		10. Field and Pool, or Wildcat	
Flag-Redfern Oil Company		Tom-Tom (San Andres)	
3. Address of Operator		12. County	
P.O. Box 2280, Midland, TX 79702		Chaves	
4. Location of Well		19. Proposed Depth	
UNIT LETTER A LOCATED 660 FEET FROM THE North LINE		4150	
AND 660 FEET FROM THE East LINE OF SEC. 26 TWP. 7-S RGE. 31-E NMPM		19A. Formation	
		San Andres	
		20. Rotary or C.T.	
		Rotary	
21. Elevations (Show whether DF, RT, etc.)		21B. Drilling Contractor	
4374GR		WEK	
21A. Kind & Status Plug. Bond		22. Approx. Date Work will start	
Blanket		5-22-81	

## 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	1625'	725 sx	Circ.
7 7/8"	4-1/2"	10.5# K	4150'	250 sx	3200

Drill 12 1/4" hole to 1625' 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# 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 4150' and cement with 250 sx of 50-50 Class "H" Pozmic "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

0-1625' Native Mud	Estimated Tops	Queen - 2555'
1625-TD Native Mud & Salt Gel	Rustler Anhydrite - 1605'	San Andres - 3183'
	Top of Salt - 1665'	San Andres Marker
	(Base - 2055')	3750'
	Yates - 2064'	S.A. Porosity-4000
	Seven Rivers- 2205'	

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 John A. Swendy Title Drilling Supt. Date April 28, 1981

(This space for State Use)

APPROVED BY Leslie N. Clements TITLE OIL & GAS INSPECTOR DATE APR 30 1981

CONDITIONS OF APPROVAL, IF ANY:

APPROVAL VALID FOR 180 DAYS  
PERMIT EXPIRES 10/30/80  
UNLESS DRILLING UNDERWAY

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 <b>FLAG-REDFERN OIL COMPANY</b>		Lease <b>SOUTHARD "A"</b>		Well No. <b>3</b>
Unit Letter <b>A</b>	Section <b>26</b>	Township <b>7-S</b>	Range <b>31-E</b>	County <b>CHAVES</b>
Actual Footage Location of Well: <b>660</b> feet from the <b>NORTH</b> line and <b>660</b> feet from the <b>EAST</b> line				
Ground Level Elev. <b>4374</b>	Producing Formation <b>San Andres</b>		Pool <b>Tom-Tom San Andres</b>	Dedicated Acreage: <b>40</b> 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.

CERTIFICATION

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

Name *Albert H. Landry*  
Drilling Supt.  
Position  
Flag-Redfern Oil Co.  
Company  
April 28, 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 **APRIL 22, 1981**  
Registered Professional Engineer  
and/or Land Surveyor

Section No. **754**

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630

10-17-44

10-17-44

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