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# 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.

## 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 type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name Santa Fe	
2. Name of Operator Flag-Redfern Oil Company		9. Well No. 3	
3. Address of Operator P. O. Box 23, Midland, Texas 79701		10. Field and Pool, or Wildcat Dickenson (San Andres)	
4. Location of Well UNIT LETTER <u>E</u> LOCATED <u>330</u> FEET FROM THE <u>West</u> LINE AND <u>2310</u> FEET FROM THE <u>North</u> LINE OF SEC. <u>35</u> TWP. <u>10S</u> RGE. <u>36E</u> NMPM		12. County Lea	
19. Proposed Depth 5100'		19A. Formation San Andres	
20. Rotary or C.T. Rotary		21. Elevations (Show whether DF, RT, etc.) 3991' G.L.	
21A. Kind & Status Plug. Bond Blanket		21B. Drilling Contractor Norton Drilling Company	
22. Approx. Date Work will start October 1, 1976			

## 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# K-55	350'	250	Circulate
7-7/8"	4-1/2"	10.6# H-40	5100'	250	2000'

Drill 12 1/4" hole from surface to 350'. Run and set 8-5/8" casing, circulate cement to surface with 250 sx Class "H", 2% CaCl<sub>2</sub>. Drill 7-7/8" hole to approximately 5100'. Run open hole logs. Run 4 1/2", 10.60#, H-40 production casing, cement with 250 sx Class "H", 2% gel, 0.75% CFR-2, and 8 lbs salt per sack. Run correlation logs and perforate San Andres. Treat with acid. Swab to test. Potential well.

Mud Program: 0- 350' Native Mud  
350-4850' Native Mud & Oil  
4850-T.D. Starch, Oil Emulsion

Blowout Preventer: Shaffer 10" - Series 900 - Installed on surface of pipe

APPROVAL VALID  
FOR 30 DAYS UNLESS  
DRILLING COMMENCED,  
EXPIRES 12-7-76

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 [Signature] Title Petroleum Engineer Date 9-2-76

(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT I DATE SEP 7 1976

CONDITIONS OF APPROVAL, IF ANY: SEE ATTACHMENT FOR CONDITIONS OF APPROVAL

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SEP 7 1970

CAL CONSERVATION COMM.  
EDBBS, E. M.