

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-101
Revised 10-1-78

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LAND OFFICE	
OPERATOR	

5A. Indicate Type of Lease
STATE ☐ FEE ☒
5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> DRILL <input checked="" type="checkbox"/> (Re-enter) DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> Water Disposal SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>				7. Unit Agreement Name	
2. Name of Operator Gulf Oil Corporation				8. Farm or Lease Name Maud Saunders	
3. Address of Operator c/o Warren Petroleum Co., P. O. Box 1689, Lovington, NM 88260				9. Well No. 4	
4. Location of Well UNIT LETTER L LOCATED 1815 FEET FROM THE South LINE AND 660 FEET FROM THE West LINE OF SEC. 34 TWP. 14S RGE. 33E NMPM				10. Field and Pool, or Wildcat Saunders	
				12. County Lea	
19. Proposed Depth 4597'		19A. Formation San Andres		20. Rotary or C.T. Rotary	
21. Elevations (Show whether DF, RT, etc.) 4199.3' Gr.		21A. Kind & Status Plug. Bond Blanket-current		22. Approx. Date Work will start Soon as possible	

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17 1/2"	13 3/8"	48#	416'	500	Circulated
11 3/4"	8 5/8"	28 & 32#	4280'	3300	Circulated

Pursuant to Administrative Order SWD-255, it is proposed to re-enter the subject well, a former producer which was plugged and abandoned on March 8, 1977, and convert it to water disposal as follows:

1. Rig up and drill out cement plugs at 0-50', 1550-1650', 4230-4330', and 4547-4597', leaving intact cement plugs from 4597-4647' and 9550-9700' as well as CI bridge plug @ 9700' above the former pay interval from 9790-9960'.
2. Pressure test casing to minimum of 600 psi. If unsatisfactory, make suitable repairs. If satisfactory, acidize open hole from 4280-4597' with 10,000 gals. 20% NEFE HCL acid.
3. Clean out and equip well with 2 3/8" plastic-lined tubing set in Baker Model AD-1 NP Packer located at 4250'.
4. Install surface equipment, load annulus with inert fluid, install pressure gauge on annulus, and place well on active injection.

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 Jerry Sexton Title Registered Petr. Engr. Date April 28, 1983

(ORIGINAL SIGNED BY JERRY SEXTON)
DISTRICT I SUPERVISOR

APPROVED BY _____ TITLE _____ DATE MAY 3 1983

CONDITIONS OF APPROVAL, IF ANY: