

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

L CONSERVATION DIVISIO  
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 ☒ YEE ☐

5. State Oil & Gas Lease No.  
L-5145

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>				7. Unit Agreement Name	
2. Name of Operator Superior Oil Company, The				8. Farm or Lease Name Superior Gulf State Co	
3. Address of Operator P.O. Box 3901, Midland, Texas 79702				9. Well No. 1	
4. Location of Well UNIT LETTER G LOCATED 1980 FEET FROM THE North LINE AND 1980 FEET FROM THE East LINE OF SEC. 32 TWP. 20S RGE. 34E NMPM				10. Field and Pool, or Wildcat WIND DESIGNATED	
11. Elevations (Show whether DF, RT, etc.) 3736' GR. 3758 RT.				12. County Lea	
21A. Kind & Status Plug. Bond Active Blanket		19. Proposed Depth 5200		19A. Formation Seven Rivers	
21B. Drilling Contractor Carr Well Service		20. Rotary or C.T. Workover		22. Approx. Date Work will start 12-14-83	

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"	54.5#	1,755	1500	Surface
12 1/4"	9 5/8"	43.5# & 36#	5,300	2610	Surface
8 1/2"	5 1/2"	20#	14,076	775	10,500

Procedure to abandon Morrow Zone and recompleate to Seven Rivers.

1. Set Cast Iron Bridge Plug in 2 7/8" X 10' tbg. pup joint above F nipple @ 13,325'. Test plug to 1500#.
2. Load hole with 10# brine and spot a 100' cement plug from 11,346 to 11,246'.
3. Cut 5 1/2" 20# casing at free point, pull and recover same.
4. Spot 100' cement plug (50' inside 5 1/2" casing, 50' in 8 1/2" open hole).
5. Spot 100' cement plug from 6606 - 6506'.
6. Spot 100' cement plug from 5350 - 5250'.  
Note: 9 5/8" casing shoe at 5300'
7. Set 9 5/8" cast iron Bridge Plug @ 5200'. Test casing to 1000 psi.
8. Perforate Seven Rivers zone 3748 - 3786'. O/A.
9. Acidize Seven Rivers Perfs 3748 - 3786' as necessary to obtain production.

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 G. E. Tate G. E. Tate Title Division Operations Supt. Date 12-16-83

(This space for State Use)

ORIGINAL SIGNED BY EDDIE SEAY

APPROVED BY OIL & GAS INSPECTOR TITLE DATE DEC 19 1983

CONDITIONS OF APPROVAL, IF ANY: