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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 type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" 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 Vivian	
2. Name of Operator GULF OIL CORPORATION		9. Well No. 4	
3. Address of Operator P.O. Box 670, Hobbs, NM 88240		10. Field and Pool, or Wildcat So. Brunson Abo	
4. Location of Well UNIT LETTER <u>H</u> LOCATED <u>1980</u> FEET FROM THE <u>North</u> LINE AND <u>660</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>30</u> TWP. <u>22S</u> RGE. <u>38E</u> NMPM		12. County Lea	
19. Proposed Depth		19A. Formation Abo	
20. Rotary or C.T.		21. Elevations (Show whether DF, RT, etc.) 3373' GL	
21A. Kind & Status Plug. Bond		21B. Drilling Contractor	
22. Approx. Date Work will start			

## PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17½"	13-3/8"	48#	295'	300 sx	Circ
12½"	9-5/8"	36#	2950'	1300 sx	1365'
8-3/4"	7"	23#	6785'	700 sx	2951'
6½"	4½" liner	11.6#	6648' to 7539'	150 sx	6648'

Pull prod eqpt. Set CIBP @ 7250' & cap w/35' cmt plug to abandon Wantz Granite Wash zone.

Using Schlumberger's Gamma Ray-Neutron Collar Locator Log dated 9-21-76, perf following So. Brunson Abo intervals w/(2) ½" burrless, decentralized, zero-phased JHPF: 6909-11'; 6927-29'; 6966-68'; 7012-14'; 7034-36'; 7073-75'; 7097-99'; 7125-27' & 7164-66'. Straddle & acidize each set of perfs with 300 gals 15% NE-inhibited, iron-stabilized HCl per set. Swab & test well.

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 M. S. Sikes, Jr. Title Area Engineer Date 7-16-79

(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT 1 DATE JUL 17 1979

CONDITIONS OF APPROVAL, IF ANY: