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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 OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name Charles S. Alves	
2. Name of Operator EXXON CORPORATION		9. Well No. 4	
3. Address of Operator P. O. BOX 1600, MIDLAND, TEXAS 79701		10. Field and Pool, or Wildcat Scharb Bone Springs	
4. Location of Well UNIT LETTER B LOCATED 660 FEET FROM THE North LINE AND 1800 FEET FROM THE East LINE OF SEC. 7 TWP. 19S RGE. 35E NMPM		12. County Lea	
19. Proposed Depth 10,300		19A. Formation Bone Springs	
20. Rotary or C.T. Rotary		21. Elevations (Show whether DF, RT, etc.) To be filed later	
21A. Kind & Status Plug. Bond Blanket on file		21B. Drilling Contractor Unknown	
22. Approx. Date Work will start February 20, 1978			

## PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
14-3/4	11-3/4	47	400	350	Cir. to Surf.
10-5/8	8-5/8	24-32	4000	2000	Cir. to Surf.*
7-7/8	5-1/2	15.5-17	10300	850	4000**

\*No remedial action anticipated if cement fails to circulate

\*\*Two stage with DV tool at 6000' to protect csg. from corrosive San Andres zone.

Pump and plug method to be used. Sketch of BOP equipment attached.

Mud Program: 0 - 400' Fresh water or spud mud  
400 - 4000' Brine Water 9.5# (±)  
4000 - 9900' Fresh water  
9900 - T.D. 9.0 ± fresh water mud

This well is a replacement for Well No. 1 which has been plugged and abandoned due to mechanical difficulty. Well No. 1 produced from the Scharb Bone Springs Pool.

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 Melba Knispling Title Proration Specialist Date February 15, 1978

(This space for State Use)

SUPPLY AND DELIVER TO

FEB 17 1978

APPROVED BY [Signature] TITLE  DATE

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

FEB 16 1978

OIL CONSERVATION COMM.  
HUBBS, N. M.