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FEB 04 1983

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

APPLICATION FOR PERMIT TO DRILL, ~~DEEPEN~~ OR PLUG BACK

1a. Type of Work DRILL ☒ DEEPEN ☐ PLUG BACK ☐		7. Unit Agreement Name
b. Type of Well OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐		8. Farm or Lease Name Mayes
2. Name of Operator THE DESANA CORPORATION		9. Well No. 1
3. Address of Operator 600 Building of the Southwest, Midland, Texas		10. Field and Pool, or Wildcat Wildcat-Bone Spring
4. Location of Well UNIT LETTER <u>F</u> LOCATED <u>1980</u> FEET FROM THE <u>North</u> LINE AND <u>1980</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>15</u> TWP. <u>26-S</u> RGE. <u>24-E</u> NMDM		17. County Eddy
18. Proposed Depth 4500		19A. Formation Bone Spring
19B. Drilling Contractor NA		19C. Rotary or C.T. Rotary
21. Elevations (Show whether DL, RL, etc.) 3742.29' GL	21A. Kind & Status Plug. Bond \$50,000 Statewide	22. Approx. Date Work will start 3-1-83

23.

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#	350'	250	Circ
7-7/8	4-1/2	10.5#	4500'	750	Circ

Well will be drilled to 4500' & logs ran to evaluate the Bone Spring. The well will be equipped and stimulated as necessary to attempt commercial production.

Mud Program: 0-350' Native mud & fresh wtr
350'-3900' Native mud & brine wtr
3900'-4500' Commercial mud and brine wtr w/minimum properties for safe hole conditions. The wtr loss will be lowered & viscosity raised at top of Bone Springs.

Attachments: BOP Program
C-102

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PAY 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 Ed Trana Title Production Engineer Date 1-28-83

(This space for State Use)

APPROVED BY Mike Walker TITLE OIL AND GAS INSPECTOR DATE FEB 08 1983

CONDITIONS OF APPROVAL, IF ANY: