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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease STATE ☒ FEE ☐
5. State Oil & Gas Lease No.
7. Unit Agreement Name
8. Farm or Lease Name Hanagan-State
9. Well No. 1
10. Field and Pool, or Wildcat Vada Penn
12. County Lea

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL ☒ Reenter DEEPEN ☐ PLUG BACK ☐	
b. Type of Well OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐	
2. Name of Operator The Maurice L. Brown Company	
3. Address of Operator Suite 200, Sutton Place Bldg., Wichita, Kan. 67202	
4. Location of Well UNIT LETTER I LOCATED 1980 FEET FROM THE South LINE AND 660 FEET FROM THE East LINE OF SEC. 17 TWP. 10-S RGE. 34-E NMPM	
19. Proposed Depth 10,015	19A. Formation Bough "C"
20. Rotary or C.T. Well Service	21. Elevations (Show whether DB, RT, etc.) 4219' GL
21A. Kind & Status Plug. Bond Active	21B. Drilling Contractor Fifty-Five Well Serv.
22. Approx. Date Work will start 10-17-77	

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"		375'	375	Surface
12 1/4"	8 3/8"		4,100'	575	2,000'
7 7/8"	5 1/2"		10,015'	225	

1. Move in & rig up well service unit & reverse circulating equip.
2. Clean out to top of 5 1/2" casing at approx. 4600' depth.
3. Continue cleaning out inside 5 1/2" casing to CIBP @ approx. 9990'.
4. Tie out to 5 1/2" casing @ 4600' with casing bowl and bring 5 1/2" casing to surface.
5. Drill out CIBP @ 9990'. Continue go to original PB depth of 9984'.
6. Complete to produce from perforations 9962'-66'
7. Acidize perforations if necessary.
8. Production test well.

Note: This was formerly Signal Oil & Gas Co., State "AP" Com. #1

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 Wm. Groesbeck Title District Engineer Date 9-28-77

(This space for State Use)

APPROVED BY John W. Runyan TITLE Geologist DATE OCT 3 1977

CONDITIONS OF APPROVAL, IF ANY:

Approved for drilling, only. No production will be authorized until approval for the non-standard proration unit is obtained.