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# NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101  
Revised 1-1-65

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

Type of Work		5A. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>	
Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. State Oil & Gas Lease No.	
Name of Operator Durham, Incorporated		7. Unit Agreement Name	
Address of Operator 219 S. Colorado, Midland, Texas 79701		8. Farm or Lease Name Elkan	
Location of Well UNIT LETTER F LOCATED 2100 FEET FROM THE north LINE 1980 FEET FROM THE west LINE OF SEC. 34 TWP. 14-S RGE. 34-E NMPM		9. Well No. 1	
		10. Field and Pool, or Wildcat Cerca (Penn)	
		12. County Lea	
19. Proposed Depth 10,600'		19A. Formation Penn	
20. Rotary or C.T. Rotary			
21A. Kind & Status Plug. Bond Blanket		21B. Drilling Contractor Landis	
22. Approx. Date Work will start 5-1-79			

Cert. No. 923570  
PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
15"	12 3/4"	42#	400'	400	Circ.
11"	8 5/8"	24& 32#	4,400'	385	3,400'
7 7/8"	5 1/2"	14, 15.5 & 17#	10,600'	900	7,500'

Mud program: Surface hole - spud mud, wt. - 8.6 - 9.0 ppg, vis. - 34 - 36

Intermediate hole - fresh water with native solids + 4 - 6% oil in red beds, wt. - 8.6 increasing to 10.2 ppg, vis. - 31 - 32.

Open hole - fresh water + floc., pH 10.0 - 10.5, mud up at 9,600'. Wt. - 8.6 - 8.8 ppg, vis. 36 - 38, WL - 8 - 10.

\*\*\*Cement on the intermediate casing must be brought from the top of the salt or anhydrite to the surface casing by either circulating the intermediate casing with cement, or a DV tool at the top of the salt.

BOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTION. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

by certify that the information above is true and complete to the best of my knowledge and belief.

d Joe Skinner Title Engineer Date 4-11-79

(This space for State Use)

APPROVED BY Jerry Sexton TITLE SUPERVISOR DISTRICT 1 DATE APR 16 1979

CONDITIONS OF APPROVAL, IF ANY: \*\*\*\*\*SEE ABOVE

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APR 13 1979

OIL CONSERVATION COMM.  
HOBBS, N. M.