

CORRECTED COPY - TO READ Elkan #1-~~2~~
IN LIEU OF Elkan #2

30-025-26879

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,

EXPIRES

10/23/80

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease STATE ☐ FEL ☒
5. State Oil & Gas Lease No.
7. Unit Agreement Name
8. Farm or Lease Name Elkan "A"
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
21. Elevations (Show whether DE, RT, etc.) 4130 GR
21A. Kind & Status Plug. Bond Blanket
21B. Drilling Contractor Forster
22. Approx. Date Work will start July 1, 1980

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL ☒ DEEPEN ☐ PLUG BACK ☐
b. Type of Well OIL WELL ☒ GAS WELL ☐ OTHER ☐
2. Name of Operator DURHAM, INC.
3. Address of Operator 219 S. Colorado, Midland, TX 79701
4. Location of Well UNIT LETTER H LOCATED 1980' FEET FROM THE North LINE AND 660' FEET FROM THE East LINE OF SEC. 34 TWP. 13S RGE. 34E
19. Proposed Depth 10,600'
19A. Formation Penn
20. Rotary or C.T. Rotary
21. Elevations (Show whether DE, RT, etc.) 4130 GR
21A. Kind & Status Plug. Bond Blanket
21B. Drilling Contractor Forster
22. Approx. Date Work will start July 1, 1980

23.

Cert No 923570

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"	48#	400	400	Circ
11"	8-5/8"	24# & 32#	4200	385	3400
7-7/8"	5-1/2"	17#	10,600	900	7500

BOP: Cameron #2 Size 10 Series 900

Mud Program: Surface Hole - spud mud, Wt 8.6 - 9.0 ppg, vis 34-36

Intermediate Hole - Fresh wtr w/native solids - 4-6% oil
in red beds, wt 8.6 increasing to 10.2 ppg
vis 31-32,

Open Hole - Fresh wtr - 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 with cement, or a DV tool at the top of the salt.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTION 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 Fred Durham Title Vice-President Date 6-24-80

(This space for State Use)

APPROVED BY John W. Remyan TITLE Geologist DATE JUL 23 1980

CONDITIONS OF APPROVAL, IF ANY:

***SEE ABOVE

THE COMMISSION MUST BE NOTIFIED
24 HOURS PRIOR TO COMMENCING WORK