

## NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101  
Revised 1-1-65

SEP 23

5A. Indicate Type of Lease

5. State Oil &amp; Gas Lease No.

E-9512

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

Type of Work

DRILL ☒DEEPEN ☐PLUG BACK ☐

7. Unit Agreement Name

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8. Firm or Lease Name

St. of N.M. "CW" NCT-1

9. Well No.

1

10. Field and Pool, or Willcat

Rank Wildcat - Abo

12. County

Lea

19. Proposed Depth

9300'

19A. Formation

Abo

20. Rotary or C.T.

Rotary

21. Estimated Cost of Drilling (Show whether Drilling, etc.)

Not available

21A. Estimated Cost of Plug. Bond

\$10,000 blanket

21B. Drilling Contractor

Unknown

22. Approx. Date Work will start

At once

## PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12"	11 3/4"	42#, 23.72#	350'	300*	Red Beds
10 5/8"	8 5/8"	24#, 32#	3200'	1000**	Top of Permian
7 7/8"	4 1/2"	11.6#, 10.5#	9300'	1150***	Abo

Cement with 300 sx Class "C" neat with 1% calcium chloride. 300% to circulate.  
 Cement with 800 sx TLW 110% mix wtr. 12.0#/gal followed by 200 sx Class "C" neat.  
 Cement with 650 sx TLW 110% wtr 12#/gal followed by 500 sx Class "C" 4% gel  
 12.05#/gal. Use 0.5% FRH in first 200 sx TLW. COMPLETION PROGRAM - 1. Selec-  
 tive perforate pay with 1 jsfpf. 2. Acidize with 500 gals. 15% NE acid.

FORMATIONS EXPECTED

Anhydrite	1900'	Lower Clearfork Reef	8550'
Top of Salt	2030'	Abo FM	8750'
Base of Salt	3120'	Abo Lens	9050'
Queen Sand	4200'	Total Depth	9300'

APPROVAL VALID  
 FOR 90 DAYS UNLESS  
 DRILLING COMMENCED.

EXPIRES

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.

By T. G. Landwehrmeyer Title Civil Engineer

Date 9/17/65

(This space for State Use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

SEP 26 1965