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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease
STATE [ ]   FEE [X]

5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL [X]   DEEPEN [ ]   PLUG BACK [ ]

b. Type of Well

OIL WELL [X]   GAS WELL [ ]   OTHER   SINGLE ZONE [ ]   MULTIPLE ZONE [ ]

2. Name of Operator
HARDING OIL COMPANY

3. Address of Operator
408 Carillon Tower West, 13601 Preston Rd. Dallas, Texas 75240

4. Location of Well   UNIT LETTER ___E___   LOCATED __1980__ FEET FROM THE __North__ LINE

AND __660__ FEET FROM THE __West__ LINE OF SEC. 1?   TWP. 17S   RGE. 37E   NMPM

7. Unit Agreement Name

8. Farm or Lease Name
BUMPERS

9. Well No.
1

10. Field and Pool, or Wildcat
Undesignated

12. County
Lea

19. Proposed Depth	19A. Formation	20. Rotary or C.T.
11,800	ATOKA	ROTARY

21. Elevations (Show whether DF, RT, etc.)	21A. Kind & Status Plug. B nd	21B. Drilling Contractor	22. Approx. Date Work will start
3740 GL		M-G-F	8/23/74

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17"	11 3/4"	47#	400'	400	Surface
11"	8 5/8"	32#	4800'	600	2400'
7 7/8"	4 1/2"	11.6#	11700'	600	8700'

**APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,**

EXPIRES Nov. 12, 1974

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 _Marcia Justice_   Title _TREASURER_   Date _8/8/74_

(This space for State Use)

APPROVED BY _John W. Runyan_   TITLE _Geologist_   DATE _____

CONDITIONS OF APPROVAL, IF ANY: