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AUG 11 1982

O. C. D.

5A. Indicate Type of Lease
STATE FEE

5. State Oil & Gas Lease No.
L-711

7. Unit Agreement Name

8. Farm or Lease Name
Amoco 22 State

9. Well No.
1

10. Field and Pool, or Wildcat
In. S. Carlsbad Morrow

12. County
Eddy

19. Proposed Depth
11215

19A. Formation
Atoka

20. History or C.T.
Pulling Unit

21A. Kind & Status Plug. bond
\$50,000 Blanket

21B. Drilling Contractor
Mack Chase

22. Approx. Date Work will start
7/14/82

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

Type of Work

Type of Well
DRILL DEEPEN PLUG BACK

OIL WELL GAS WELL OTHER

SINGLE ZONE MULTIPLE ZONE

Name of Operator
Harvey E. Yates Company

Address of Operator
P. O. Box 1933, Roswell, New Mexico 88201

Location of Well
UNIT LETTER E LOCATED 1980 FEET FROM THE North LINE
660 FEET FROM THE West LINE OF SEC. 22 TWP. 23S R.1. 27E N.M.P.M.

19. Proposed Depth
11215

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Atoka

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Pulling Unit

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PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
15"	13 3/8"	48#	375	250 sx + 10 yds	Redimix Surface
11"	8 5/8"	24# - 32#	5606	2080 sx	Surface
7 7/8"	5 1/2"	17# - 20#	12350	1310 sx	TOC 5700'

PROPOSED PROGRAM:

- 1) RIH w/E-Z Drill cmt retainer and set @ 11800'. Sqz Morrow Perfs 11924' to 12165' w/125 5xs cmt.
- 2) Morrow formation watered out & was uneconomical to produce.
- 3) Plug back w/CIBP @ 11625' and 35' cmt on top PSTD 11590'.
- 4) Swab test.
- 5) Tbg conveyed perf strawn form 10954' - 10958'; 10996' - 11004' & 11056' - 11062'. Pkr @ 10900'. GTS in 6 min. FTP 75 psi on 1/2" choke. Rate 550 MCF/D.

BLOWOUT PREVENTER PROGRAM

3000 psi - Sentinel w/2 3/8" rams & blind rams.

BOVE 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 Paul T. Jardee Title Engineer Date August 9, 1982

(This space for State Use)

APPROVED BY Leslie A. Clement TITLE SUPERVISOR, DISTRICT II DATE AUG 26 1982

CONDITIONS OF APPROVAL, IF ANY: