

NOVEMBER 17, 1995
APPLICATION FOR PERMIT TO DRILL
STEVENS & TULL, INC.
FEDERAL "9" NO. 8

990' from the south line. 330' from the east line. Section 9,
T-20-S, R-33-E, Lea County, New Mexico.

The following items and attachments compliment Stevens & Tull, Inc.'s
permit to drill the Federal "9" No. 8.

- 1) The geologic surface formation is of Quaternary Age.
- 2) Estimated tops of geologic markers are as follows:
The anhydrite 1325', salt 3050', Yates 3250'.
- 3) The estimated depths at which water is expected are between
150' and 350'. The estimated depths which oil or gas is
expected is between 3200' and 3600' in the Yates Dolomite
and sand formations. Fresh water zones will be protected
with independent casing and cement.
- 4) Red beds and fresh water will be protected with 8 5/8" 24#
J-55, ST&C casing run to a good shoe setting depth at
approximately 1300' with 13 centralizers and cement to the
surface. Anhydrite, salt and oil sands will be protected
with 5 1/2" 17# J-55 LT&C casing run to a total depth of the
well and cemented back to surface.
- 5) Pressure control, see the attached sketch.
- 6) Mud program, see the Horizon Mud Company recommendation
attached.
- 7) There is no planned auxiliary equipment.
- 8) Open hole logs will be run from total depth to surface.
No cores or DTS's are planned.
- 9) No abnormal temperatures or pressures are expected. No lost
circulation is expected.
- 10) The anticipated starting date is January 15, 1996.