STATE OF OREGON
DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES
800 NE Oregon St #28 Portland, OR 97232

MISCELLANEOUS APPLICATION
(In compliance with rules and regulations pursuant to ORS 550)

Date: 6/12/96 Time: 2:11:30 PM

From: Rob Lucas To: Dennis Dan

VERBAL APPROVAL FORM

Energy Resources Northwest

"Columbia County"

See: 12. T. 4N, R. 64W, Sec. 36. Surveyed coordinates (if directional, BSH & SHL): 832.60' South and 1,566.25' West from the

Northeast corner of Section 15.

Well Dr. (or Field Name): Minz Gas Field

County: Columbia

Date: June 13, 1996

Signature: Rob Lucas

Use this form for telephone applications to deepen, rework, abandon, or any other proposed procedure on an existing well.

This form becomes a permit when signed and dated by DOGAMI in the box below.

The present condition of the well, including complete casing record, is as follows:

**Casing(s):**
- 8-5/8" 24# J-55 cemented at 501'
- 4-1/2" 10.5# J-55 cemented at 2,447'

**Perforations:**
- SPF from 2,131'-2,196'

**Tubing detail:**
- 67 joints of 2-3/8" 4.7# J-55 EUE tubing set at ±2,075'.

Following is a detailed account of proposed work:

1. Shut-in well for overnight pressure build-up.
2. Rig up wireline unit on mast truck.
3. Run in hole with 1-11/16" thru tubing gun and perforate 4 SPF ±45° off-center phased on 2 planes from 2,227'-2,247'.
4. Return well to sales line.

DOGAMI approved: June 13 1996

Spacing Unit

Rev. Nov 1, 1993