

STATE OF OREGON
DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES
910 State Office Building Portland, OR 97201

MISCELLANEOUS APPLICATION

(In compliance with rules and regulations pursuant to ORS 520)

Arco (Company or operator) Hanna (Lease) 1 (Well No.)
Sec. 23, T. 25, R. 27 E M.B.&M. Surveyed Coordinates: _____
Wildcat: X (or) Field Name: _____ County: Morrow
Date: _____ Person: _____ Position: _____

This application 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:

16" cem 1598'; 13 3/8" cem 7285'; TD 9150'

Following is a detailed account of proposed work:

P+A well as follows:

1. Dispose of sump fluids into lost circulation zone at ~ 8000'.
2. Plug shoe of 13 3/8" casing. DOGAMI to tag.
3. Cut and pull 13 3/8" at 3100'.
4. If 13 3/8" won't pull; cut and pull at 1600'.
5. Place shoe plug at 16" shoe. Tag plug if 13 3/8" was pulled from 3100' (open hole below 16").
6. If 13 3/8" won't pull at 16" shoe; cut + pull from 100'.
7. Surface plug 120' - 5'.
8. Cut 16" off at 5'.
9. Clean up site.

2640'

DOGAMI Approved 8/25/88

By Dennis J. Olmstead