

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 Oil and Gas Company Busch 14-15
(Company or operator) (Lease) (Well No.)
Sec. 15, T. 6N, R. 5W M.B.&M. Surveyed Coordinates: _____
700'E & 250'W of SW Corner
Wildcat: Yes (or) Field Name: Mist County: Columbia
Date: September 30, 1988 Signature: _____
Position: District Drilling Superintendent

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

This form must be submitted unless verbal approval has been given. 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:

- Surface Casing - See Well History 8 5/8" 0' - 406'
- 5-1/2" 15.5# K-55 STC 0' - 1,754'
- 2-3/8" 4.7# J-55 EUE 8RD 0' - 1,462'
- Perf's 1,524' - 1,556'
- 1,564' - 1,579'

Following is a detailed account of proposed work:

1. TIH w/ tubing ± 1,600'.
2. Lay balanced plug w/ 25 sx cement.
3. POOH to ± 1,300'. Circulate 9.5 - 10.0 ppg drilling mud to displace produced water (leave mud between plugs).
4. TIH. Tag TOC as per DOGMI witness (plug must be at least 1,474').
5. POOH. Pump 20' surface plug using ± 2.5 sx cement. Ensure annulus between 5-1/2" and surface casing is cemented.
6. Cut off casing 5' below ground level.
7. Backfill cellar and reclaim location as per surface agreement.

DOGAMI Approved October 12, 1988
Call DOGAMI to tag first plug.
By Dennis L. Olmstead
Dennis L. Olmstead, Petroleum Engineer

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9/30/88
RW 10/3/88
Company/Operator ARCO Oil and Gas Company
Signature Kwang U. Park
Position District Drilling Superintendent
Date Oct 4, 1988
SEND WELL COMMUNICATION TO:
Name Kwang U. Park
Address P.O. Box 147
Bakersfield, CA 93302
Phone (805) 321-4060