



STATE OF OREGON

County of COLUMBIA

PERMIT TO APPROPRIATE THE PUBLIC WATERS

This is to certify that I have examined APPLICATION 69023 and do hereby grant the same SUBJECT TO EXISTING RIGHTS INCLUDING THE APPROPRIATE MINIMUM FLOW POLICIES ESTABLISHED BY THE WATER POLICY REVIEW BOARD and the following limitations and conditions:

This permit is issued to ARCO Oil and Gas Company, Division of Atlantic Richfield Company of 4550 California Avenue, Bakersfield, California 93309, phone (805)321-4060, for the use of the waters of Messing Cree, Calvin Creek, Deep Creek, an unnamed creek * for the PURPOSE of water based drilling muds used to drill wells in the Mist Gas Field,

that the PRIORITY OF THE RIGHT dates from June 15, 1987,

and is limited to the amount of water which can be applied to beneficial use and shall not exceed 35.0 gallons per minute.

The POINT OF DIVERSION is to be LOCATED: Messing Creek - 722 feet North and 1320 feet East from the Southwest Corner of Section 13, being within the SE 1/4 SW 1/4 of Section 13; Calvin Creek - 285 feet South and 121 feet East from the Northwest Corner of Section 26, being within the NW 1/4 NW 1/4 of Section 26; Calvin Creek - 262 feet North and 1760 feet East from the W 1/4 Corner of Section 35, being **

A description of the PLACE OF USE under the permit, and to which such right is appurtenant, is as follows:

- * or Nehalem River, individually or in combination, tributaries of Nehalem River or Calvin Creek,
- ** within the SE 1/4 NW 1/4 of Section 35; Deep Creek - 1174 feet North and 2179 feet East from the Southwest Corner of Section 33, being within the SE 1/4 SW 1/4 of Section 33; Unnamed Creek - 987 feet South and 218 feet East from the W 1/4 Corner of Section 25, being within the NW 1/4 SW 1/4 of Section 25; Nehalem River - 89 feet North and 427 feet East from the Southwest Corner of Section 10, being within the SW 1/4 SW 1/4, Section 10, all of Township 6 North, Range 5 West; Nehalem River - 2001 feet South and 194 feet East from the N 1/4 Corner of Section 10, being within the SW 1/4 NE 1/4 of Section 10, Township 5 North, Range 4 West, WM, all in the County of Columbia.

SEE NEXT PAGE

Township 6 North, Range 5 West, WM	Section 1	NW 1/4	NE 1/4	Well CFI 31-1
	Section 26	SW 1/4	SW 1/4	Well CC 14-26
	Section 27	NW 1/4	NE 1/4	Well CC 31-27
	Section 34	NW 1/4	NE 1/4	Well CC 31-34
		NW 1/4	NW 1/4	Well CC 11-34
	Section 33	SW 1/4	NW 1/4	Well CC 13-33
		NW 1/4	SW 1/4	Alt. Well CC 13-33
	Section 22	NE 1/4	NE 1/4	Well CFI 31-22
	Section 10	NW 1/4	NW 1/4	Well CC 41-9
	Section 4	SW 1/4	SE 1/4	Well CC 34-4
Township 6 North, Range 4 West, WM	Section 31	NW 1/4	NW 1/4	Well L.F.Co. 11-31

Actual construction work shall begin on or before October 29, 1988 , and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 19 89 .

Complete application of the water to the proposed use shall be made on or before October 1, 19 90 .

Witness my hand this 29th day of October , 19 87 .

/s/ WILLIAM H. YOUNG

WATER RESOURCES DIRECTOR

This permit, when issued, is for the beneficial use of water. By law, the land use associated with this water use must be in compliance with statewide land-use goals and any local acknowledged land-use plan. It is possible that the land use you propose may not be allowed if it is not in keeping with the goals and the acknowledged plan. Your city or county planning agency can advise you about the land-use plan in your area.