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

WELL SUMMARY REPORT

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

Atlantic Richfield Company (Company or operator) — Crown Zellerbach (Lease) — #23-15 (Well No.)

Sec. 15, T. 5N, R. 4W W.B.& M. Surveyed Coordinates: 841.09' South & 1799.72' East of West 1/4 Corner

Wildcat: -- (or) Field Name: Mist County: Columbia County

Elevation of ground above sea level is 720 feet. All depth measurements are taken from kelly bushing, which is 11' above ground.

Date: Feb 13th 1986 Signature: [signature] Position: District Drilling Superintendent

Commenced drilling: 11-26-85 Completed drilling: 12-6-85 P&A: N/A

Total depth: 2771'; PBD: 2660' Redrill depth: N/A

Logs run: DIL/SP/Sonic/Cal, FDC/CNL/GR, Dipmeter, CBL, CET

CASING RECORD

Size of hole	Size of casing	Wt. in lbs. per ft.	Grade Type	Depth	Amount of cement
	16"	conductor		40'	
12-1/4"	9-5/8"	36#	K-55 STC	420'	187 sx
8-3/4"	5-1/2"	17#	K-55 STC	2755'	606 sx

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	GEOLOGICAL MARKER	DEPTH
Plugs 2660' - 2755'	C&W Sand (top)	2318'
Junk None		

PERFORATIONS OR LINER

Size of casing	From	To	Shots/ft.	Method of Perforating: Jet	Bullet	Slotted Liner
5-1/2"	2318'	2330'	4 SPF	X		

INITIAL PRODUCTION Test

Date	Clean Oil bbl/day	Gravity	Percent Water	Gas MMcf/day	F.T.P.	F.C.P.	S.I.T.P.	S.I.C.P.
12-10-85	--	--	--	4074	840	960	974	974

Form 4
(9/84)