

STATE OF OREGON  
DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES  
1049 State Office Building Portland, Oregon 97201

APPLICATION FOR PERMIT TO DRILL AN OIL AND GAS WELL OR STRATIGRAPHIC HOLE  
(To be accompanied by a \$100 permit fee for new wells only and a surety bond conditioned as provided by law.)

Portland, Oregon 12-30 1980

In compliance with rules and regulations pursuant to ORS 520 (Chapter 296 OR 1977) application is hereby made for permit to drill a <sup>(new well)</sup> ~~XXXXXXXXXXXX~~ to be known as Diamond Shamrock Corp. Crown Zellerbach  
(company or operator) (lease)

Well No. C.Z. 31-17 in NW/NE of Sec. 17, T. 6N, R. 8W W.E.&M,  
Wildcat Field, Clatsop County.

Survey Coordinates: 1,300' FNL, 2,350' FEL

Elevation of ground above sea level is 511.6 feet. All depth measurements are taken from top of Kelly Bushing, which is 9' above ground.

Lessee: Diamond Shamrock Corporation

Address: 410 17th. St., Suite 600, Denver, Colorado 80202

Lessor: Crown Zellerbach

Address: 1 Bush St., San Francisco, Cal. 94119

We propose to use the following strings of casing and to land or cement them as herein indicated:

Size of hole	Size of casing	Weight in pounds per foot	Grade and type	New or second hand	Depth	Landed or cemented No. sacks cement
13 3/4"	9 5/8"	36#	K-55	New	1,000'	Circulate to surface est. 400 sxs.
8 3/4"	5 1/2"	15.5#	K-55	New	6,000'	Estimate 360 sxs.

Proposed Depth: 6,000' 12,000' 17,000' 4-10-81 Objectives: Cowlitz Sands

Approved 2/13, 1981  
except as follows:

DEPT. OF GEOLOGY & MINERAL INDUSTRY  
By Devinus Dennis Director

Diamond Shamrock Corporation  
Company or operator  
By James M. Pachucki  
Position Safety & Environmental Engineer  
Send communications regarding well to:  
Name John Schmid/Diamond Shamrock Corp.  
Address 410 17th. St. Suite 600  
Denver, Colorado 80202

NOTE: This permit is valid only if land use approval is obtained from the county or city in which the drilling takes place, and provided these authorities make a determination of compliance with statewide goals.