

STATE OF OREGON  
DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES  
1069 State Office Building, Portland 1, Oregon

WELL SUMMARY REPORT  
(Submit in duplicate)

REC-2 1984

Operator Oregon Natural Gas Development Corp. Field St. Louis DEPT OF GEOLOGY  
Well No. Werner #34-21 Sec. 21, T 5S, R 2W, W. B. & M.  
Location 389.57'N and 1585.5'W of SE cor. Elevation above sea level 193.5' feet  
All depth measurements taken from top of Kelly Bushing, which is 12.5' feet above ground

In compliance with the rules and regulations pursuant to ORS 520 (Chapter 667 OL 1953) the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

Date December 5, 1984 Signed Charles E. Stinson  
Charles Stinson W.W. Lopscomb Title Petroleum Engineer  
Engineer or Geologist Superintendent (President, Secretary or Agent)

Commenced drilling 11/13/84 Completed drilling 11/27/84 Drilling tools ~~XXX~~ Rotary  
Total depth 2808' Plugged depth \_\_\_\_\_ GEOLOGICAL MARKERS DEPTH  
Junk None Columbia River Basalt 1160-1640'  
Eugene Rormation 1640-2250  
Spencer Formation 2250

Commenced producing Never produced Date \_\_\_\_\_ Flowing/gas lift/pumping (cross out unnecessary words)

	Clean oil bbl per day	Gravity Clean oil	Percent water including emulsion	Gas Mcf. per day	Tubing Pressure	Casing Pressure
Initial production						
Production after 30 days						

CASING RECORD (Present Hole)

Size of casing (A.P.L)	Depth of shoe	Top of casing	Weight of casing	New or second hand	Seamless or Lapweld	Grade of casing	Size of hole drilled	No. of sacks of cement	Depth of cementing if through perforations
13 3/8"	241.8'	Surface	54.5#	New	Weld	K-55	17 1/2"	200sx	
8 5/8"	1603'	Surface	24#	New	Smls	K-55	12 1/4"	730sx	

PERFORATIONS

Size of casing	From	To	Size of perforations	Number of rows	Distance between centers	Method of perforations
	ft.	ft.				
	ft.	ft.				
	ft.	ft.				
	ft.	ft.				
	ft.	ft.				