

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

WELL SUMMARY REPORT
(Submit in duplicate)

Operator Butte Oil Co. Field Cornelius Area
Well No. Cowan 1 NW 1/4 Sec. 8, T 1S, R 3W, WM W. B. & M.
Location _____ Elevation above sea level 160' feet

All depth measurements taken from top of _____, which is _____ 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 1966 Signed August H. Groneman

Engineer or Geologist Superintendent Title President
(President, Secretary or Agent)

Commenced drilling 1966 Completed drilling _____ Drilling tools Cable Rotary
Total depth 960' Plugged depth 0 GEOLOGICAL MARKERS DEPTH
Junk 3 1/2" drill pipe 460-960' Alluvium 0-400'+
Miocene basalt 400-960'

Commenced producing _____ 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 sec- ond hand	Seamless or Lapweld	Grade of casing	Size of hole drilled	No. of sacks of cement	Depth of cement- ing if through perforations

PERFORATIONS

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