

EXHIBIT 2

FORM C-108 ITEM VII(5)

ANALYSIS - INJECTION ZONE WATER

POGO PRODUCING COMPANY
Federal "44" Well #1
Sec. 34, T 23-S, R 31-E
Eddy County, New Mexico

Name: Corbin Delaware
Location: NE $\frac{1}{4}$ Sec. 31, T. 17 S., R. 33 E.
County & State: Lea Co., N. Mex.

COMPLETION DATE: March 31, 1960

TYPICAL CORE ANALYSIS OF A PAY INTERVAL IN THIS FIELD: No cores taken

Perm. in millidarcys		% Porosity		Liquid Saturation (% of pore space)	
Horizontal	Vertical			Water	Oil

OTHER SHOWS ENCOUNTERED IN THIS FIELD: None

TRAP TYPE: Stratigraphic, sand pinchout

NATURE OF OIL: 37.80 gravity, sweet

NATURE OF GAS: sweet

NATURE OF PRODUCING ZONE WATER: Salt

						Resistivity:		cm-meters @			°F.
Total Solids	Na-K	Ca	Mg	Fe	SO ₄	Cl	CO ₃	HCO ₃	OH	H ₂ S	
ppm	41,700	0100	2060	100	1500	189,400		160		neg	

INITIAL FIELD PRESSURE: Unknown

TYPE OF DRIVE: Unknown

NORMAL COMPLETION PRACTICES: Set through, perforate & sand frac.

PRODUCTION DATA:

Year	Type	No. of wells @ yr. end		Production Oil in barrels Gas in MMCF	
		Producing	Shut in or Abnd.	Annual	Cumulative
1956	oil				
	gas				
1957	oil				
	gas				
1958	oil				
	gas				
1959	oil				
	gas				
1960*	oil	0	1 ==	631.5	631.5
	gas				

* 1960 figure is production to July 1, 1960.

== well shut in on April 19, 1960.