

Atkinson County
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
Water Resources Branch

Sun Oil Co
Analysis by
(copy)
Gas 107
22J1
(Sample #1)

Water Analysis

Location Lease and Well No: Doster-Ladson #1; Field: Wildcat; Atkinson, Ga.

Source Depth: 3261 to 3276 (Tuscaloosa)

Date of Collection _____

Gage height (ft.) _____ Discharge (sec. ft.) _____ Temp. (°F) _____

(Parts per million)

Silica (SiO ₂)	<u>0</u>	Carbonate (CO ₃)	<u>0</u>
Iron (Fe)	<u>0</u>	Bicarbonate (HCO ₃)	<u>1012</u>
Calcium (Ca)	<u>21</u>	Sulphate (SO ₄)	<u>4</u>
Magnesium (Mg)	<u>4</u>	Chloride (Cl)	<u>1198</u>
Sodium (Na)	<u>1128</u>	Fluoride (F)	_____
Potassium (K)	_____	Nitrate (NO ₃)	_____

Total dissolved solids _____ Suspended matter _____

Total hardness as CaCO₃ _____ Color _____

pH value _____

Oxygen consumed:
Unfiltered _____
Filtered _____

Analyst D. J. Causey
County: Atkinson

Remarks: Muddy sediment, very slight odor of hydrogen sulfide;
Sample taken 420' below top fluid, 465' above tool