

**CORE LABORATORIES, INC.**  
**ANALYTICAL REPORT**

C-3

ANALYTICAL REPORT

W86322

AMOCO PRODUCTION COMPANY

RELEASED TO PUBLIC FILE  
DATE MAY 26 1988  
TMC

RECEIVED  
OCS DISTRICT OFFICE  
JUN 02 1986  
MINERALS MANAGEMENT SERVICE  
ANCHORAGE, ALASKA

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# CORE LABORATORIES, INC



1300 SOUTH POTOMAC ST., SUITE 130  
AURORA, CO. 80012

PHONE: (303) 751-1780

## ANALYTICAL REPORT

COMPANY: AMOCO

DATE SAMPLED: 11-APR-86

WELL NAME: OCS-Y-0302 #1

DATE RECEIVED: 28-APR-86

TYPE OF WATER: SAMPLE CHAMBER #1

DEPTH:

DATE ANALYZED: 29-APR-86

LEASE:

LOCATION:

FORMATION:

COUNTY: BEAUFORT SEA ALASKA

**RELEASED TO PUBLIC FILE**

FILE NUMBER: 6307-W86322

**DATE**

MAY 26 1988

SAMPLE #: 1

## CONSTITUENTS

CATIONS	MG/L	MEQ/L	ANIONS	MG/L	MEQ/L
CALC. SODIUM (NA)	3483	151.5	CHLORIDE (CL)	2490	70.2
CALCIUM (CA)	34	1.7	SULFATE (SO4)	1320	27.5
MAGNESIUM (MG)	0.1	0.0	CARBONATE (CO3)	1370	45.7
IRON (FE)	5.9	0.2	BICARBONATE (HCO3)	1860	30.5
POTASSIUM (K)	800	20.5	HYDROXIDE (OH)	<0.1	0.0

TOTAL DISSOLVED SOLIDS (CALC.) 11362 MG/L

HYDROGEN SULFIDE: NEGATIVE

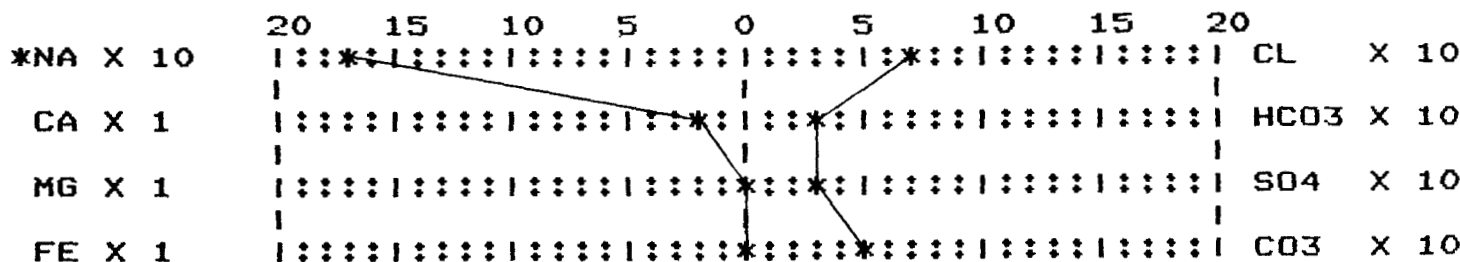
## PHYSICAL PROPERTIES

PH 12.00  
SPECIFIC GRAVITY @ 77 F 1.0093  
RESISTIVITY (OHM-METERS) @ 77 F 0.63

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SCALE: MEQ/L

\*-INCLUDES POTASSIUM MEQ

15-MAY-86

AMOCO



RESULTS OF WATER QUALITY ANALYSIS  
ON SAMPLES COLLECTED AT LOCATION:

JOB NO. 6307-	W86322 - 3
SAMPLE ID:	MARS
SAMPLE REMARKS:	5523100004

GENERAL PARAMETERS  
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ORGANIC CARBON, TOTAL (TOC)      488

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AURORA, CO. 80012

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## ANALYTICAL REPORT

COMPANY: **AMOCO**

WELL NAME: OCS-Y-0302 #1  
TYPE OF WATER: SAMPLE CHAMBER #2  
DEPTH:  
LEASE:  
LOCATION:  
FORMATION:  
COUNTY: BEAUFORT SEA ALASKA

DATE SAMPLED: 11-APR-86

DATE RECEIVED: 28-APR-86

DATE ANALYZED: 29-APR-86

FILE NUMBER: 6307-W86322

SAMPLE #: 2

## CONSTITUENTS

CATIONS	MG/L	MEQ/L	ANIONS	MG/L	MEQ/L
CALC. SODIUM (NA)	5226	227.3	CHLORIDE (CL)	6930	195.5
CALCIUM (CA)	72	3.6	SULFATE (SO4)	755	15.7
MAGNESIUM (MG)	6.8	0.6	CARBONATE (CO3)	<0.1	0.0
IRON (FE)	16	0.6	BICARBONATE (HCO3)	1940	31.8
POTASSIUM (K)	430	11.0	HYDROXIDE (OH)		0.0

TOTAL DISSOLVED SOLIDS (CALC.) 15375 MG/L

HYDROGEN SULFIDE: NEGATIVE

## PHYSICAL PROPERTIES

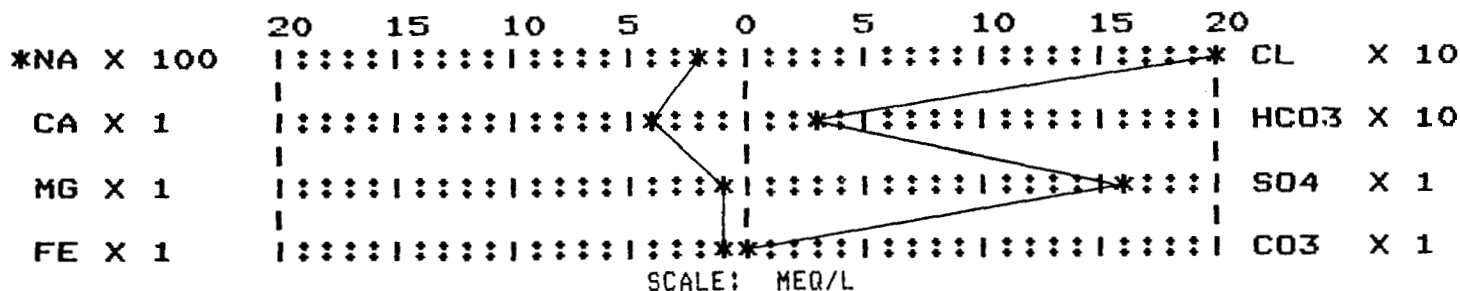
PH 7.77  
SPECIFIC GRAVITY @ 77 F 1.0115  
RESISTIVITY (OHM-METERS) @ 77 F 0.43

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\*-INCLUDES POTASSIUM MEQ

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