

**WATER ANALYSIS**  
**NORTHERN REGION DENVER TECHNICAL CENTER**

**SAMPLE I.D.:**

CHEVRON 76X EMERALD, RANGELY  
RIO BLANCO, CO., 25,T2N,R103W  
PENN WEBER

05-21-87, WELL HEAD

SAMPLE NUMBER:01W2641

MAJOR ANIONS	MG/L	MEQ/L	MAJOR CATIONS	MG/L	MEQ/L
CL	21900.00	617.8	NA	12000.00	522.0
BR	105.00	1.3			
I	1.70	0.0			
SO4	658.00	13.7	CA	1170.00	58.4
HCO3	354.00	5.8	MG	156.00	12.8
CO3	0.00	0.0	K	299.00	7.6
OH	0.00	0.0	SR	101.00	2.3
SUM= 638.6			SUM= 603.1		

ANION/CATION QC (DIFF/SUM) = [ .0286 ]

TOTAL DISSOLVED SOLIDS BY ADDITION (OF IONS ANALYZED) = 36743.7 MG/L

MEAS. RES. @ 77 F = .193 OHM-M CALC. RES. @ 77 F = .172 OHM-M

MEAS. RES. @ 159 F = .094 OHM-M CALC. SP. GRAV. = 1.026 G/ML

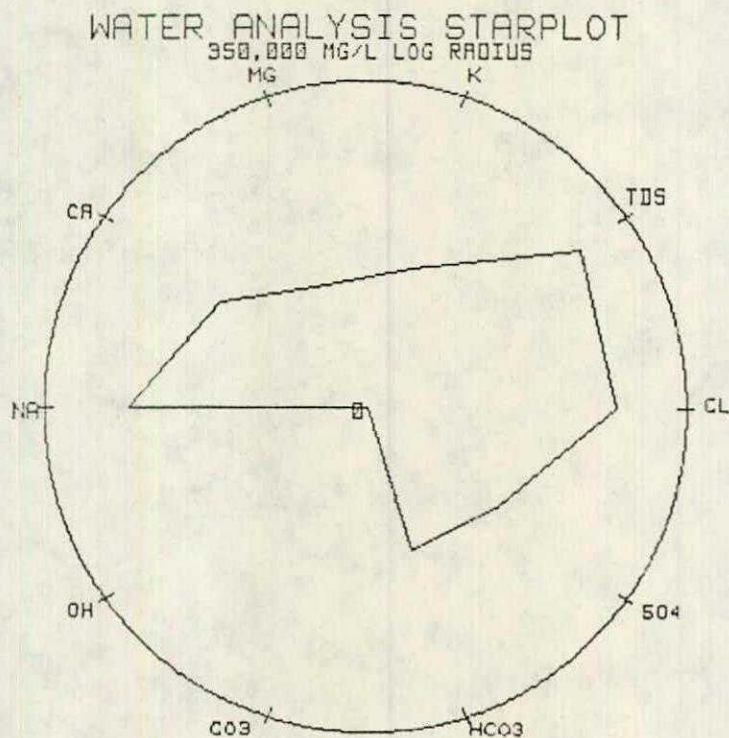
PH OF UNACIDIFIED SAMPLE @ 25 C = 7.27 UNITS

NITRATE = 0 MG/L

A VALUE OF 0 INDICATES <NONE DETECTED>

TRACE ELEMENTS WILL BE COMPLETED ONLY WHEN REQUESTED

Barium 0.7mg/l





EMERALD 76X

Well tests for

Collection Station L006

Run on 08/24/87

TEST DATE	TEST OIL PROD	TEST WATER PROD	WOR	GAS OIL RATIO	CO2 PERCENT
08/15/87	35.0	623.0	17.8	450	0.000
07/24/87	29.0	543.0	18.7	107	0.000
06/12/87	20.0	431.0	21.5	246	0.000
05/11/87	22.0	437.0	19.9	145	0.000
03/12/87	27.0	391.0	14.5	168	0.000
02/10/87	25.0	493.0	19.7	362	0.000
01/13/87	26.0	253.0	9.7	252	0.000
12/10/86	27.0	527.0	19.5	0	0.000
11/19/86	26.0	516.0	19.8	255	0.000
11/13/86	26.0	542.0	20.8	209	0.000
10/13/86	30.0	530.0	17.7	229	0.000
08/16/86	44.0	581.0	13.2	177	0.000
08/15/86	39.0	594.0	15.2	0	0.000
07/11/86	28.0	558.0	19.9	0	0.000
06/17/86	26.0	645.0	24.8	107	0.000
06/16/86	20.0	587.0	29.3	11	0.000

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