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52 AM '94

No. 7-1enn

JUN 15 1994

GP.O.BOX 2187
HOBBS, N.M. 88240

WOSWELL RESOURCE
AREA

PHONE (505) 393-7726

WATER ANALYSIS REPORT

Report for: Dan Williamson
cc: Pat Culpepper
cc: Scott Malone
cc:
Company: Phillips
Address:
Service Engineer: Kenny Kearney

Date sampled: 05/17/94
Date reported: 05/23/94
Lease or well #: Davis "N" Fed.
County: State:
Formation: Batt. #2 @ Heater
Depth:
Submitted by: Kenny Kearney

CHEMICAL COMPOSITION :

	mg/L	meq/L
Chloride (Cl)	60000	1693
Iron (Fe) (total)	4.0	
Total hardness	17800	
Calcium (Ca)	5694	284
Magnesium (Mg)	874	70
Bicarbonates (HCO3)	122	2
Carbonates (CO3)	0	
Sulfates (SO4)	317	7
Hydrogen sulfide (H2S)	3	
Carbon dioxide (CO2)	96	
Sodium (Na)	30975	1347
Total dissolved solids	97984	
Barium (Ba)	n/a	
Strontium (Sr)	n/a	

Specific Gravity 1.069
Density (#/gal.) 8.909
pH 6.370
IONIC STRENGTH 1.88

Stiff-Davis (CaCO3) Stability Index :
SI = pH - pCa - pAlk - K

SI @ 86 F = -0.43
104 F = -0.20
122 F = +0.06
140 F = +0.35
158 F = +0.67

This water is 2284 mg/l (-83.54%) under ITS CALCULATED
CaSO4 saturation value at 82 F.
SATURATION= 2734 mg/L PRESENT= 450 mg/L

Post-It [®] brand fax transmittal memo /8/1 # of pages 1	
To: Scott Malone	From: Kenny Kearney
Co.	Co.
Dept.	Phone #
Fax #	Fax #

PORTED BY ROBERT C MIDDLETON
TECHNICAL SERVICES REPRESENTATIVE