

PAUL BACA PROFESSIONAL COURT REPORTERS

**OIL CONSERVATION
DIVISION**

CASE # 14190

EXHIBIT

12



ARDINAL LABORATORIES

PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
DENNIS LANGLITZ OPERATING
ATTN: DENNIS LANGLITZ
1425 S. COUNTRY CLUB
CARLSBAD, NM 88220

Receiving Date: 10/21/08
Reporting Date: 10/22/08
Project Number: NOT GIVEN
Project Name: NOT GIVEN
Project Location: SALADAR #5

Sampling Date: 10/20/08
Sample Type: GROUNDWATER
Sample Condition: INTACT
Sample Received By: ML
Analyzed By: TR

LAB NUMBE SAMPLE ID	Na (mg/L)	Ca (mg/L)	Mg (mg/L)	K (mg/L)	Conductivity (μ S/cm)	T-Alkalinity (mgCaCO ₃ /L)
ANALYSIS DATE:	10/21/08	10/21/08	10/21/08	10/21/08	10/21/08	10/21/08
H16149-1	13,400	1,280	1,460	198	52,700	96.0
Quality Control	NR	48.1	48.6	2.92	1,413	NR
True Value QC	NR	50.0	50.0	3.00	1,413	NR
% Recovery	NR	96.2	97.2	97.3	100	NR
Relative Percent Difference	NR	<0.1	4.8	<0.1	0.4	NR

METHODS:	SM3500-Ca-D	3500-Mg E	8049	120.1	310.1
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	Cl (mg/L)	SO ₄ (mg/L)	CO ₃ (mg/L)	HCO ₃ (mg/L)	pH (s.u.)	TDS (mg/L)
ANALYSIS DATE:	10/21/08	10/21/08	10/21/08	10/21/08	10/21/08	10/21/08
H16149-1	23,800	4,820	88.0	<4.0	8.98	49,300
Quality Control	500	43.3	NR	988	7.02	NR
True Value QC	500	40.0	NR	1000	7.00	NR
% Recovery	100	108	NR	98.8	100	NR
Relative Percent Difference	< 0.1	2.5	NR	<0.1	0.6	NR

METHODS:	SM4500-Cl-B	375.4	310.1	310.1	150.1	160.1
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NOTE: Hydroxide level calculated to be 8.0 mg/L.

Chemist

Date

Case No. 14,190
Dennis Langlitz
Exhibit #12

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