

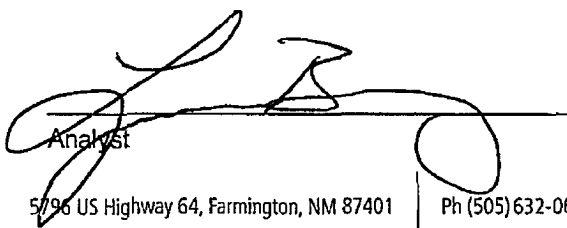
Zachery 60 API# 3004526761

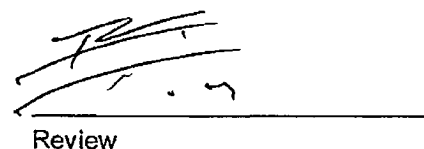
Client:	ConocoPhillips	Project #:	96052-1706
Sample ID:	Zachery #60	Date Reported:	08/12/11
Laboratory Number:	59238	Date Sampled:	08/10/11
Chain of Custody:	12330	Date Received:	08/10/11
Sample Matrix:	Aqueous	Date Analyzed:	08/11/11
Preservative:			
Condition:	Intact		

Parameter	Analytical Result	Units		
pH	11.6	s.u.		
Conductivity @ 25° C	13,700	umhos/cm	RCVD DEC 1 '11	
Total Dissolved Solids @ 180C	12,400	mg/L		
Total Dissolved Solids (Calc)	12,600	mg/L	OIL CONS. DIV.	
SAR	129	ratio		
Total Alkalinity as CaCO3	210	mg/L	DIST. 3	
Total Hardness as CaCO3	194	mg/L		
Bicarbonate as CaCO3	< 0.01	mg/L	0.000	meq/L
Carbonate as CaCO3	< 0.01	mg/L	0.000	meq/L
Hydroxide as CaCO3	210	mg/L	12.3	meq/L
Nitrate Nitrogen	< 0.01	mg/L	0.000	meq/L
Nitrite Nitrogen	< 0.01	mg/L	0.000	meq/L
Chloride	22.4	mg/L	0.632	meq/L
Fluoride	0.148	mg/L	0.008	meq/L
Phosphate	< 0.01	mg/L	0.000	meq/L
Sulfate	8,220	mg/L	171	meq/L
Iron	< 0.01	mg/L	0.000	meq/L
Calcium	77.7	mg/L	3.88	meq/L
Magnesium	0.047	mg/L	0.004	meq/L
Potassium	28.2	mg/L	0.721	meq/L
Sodium	4,130	mg/L	180	meq/L
Cations			184	meq/L
Anions			184	meq/L
Cation/Anion Difference			0.00%	

Reference: U.S.E.P.A., 600/4-79-020, "Methods for Chemical Analysis of Water and Wastes", 1983.
 Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: **Braden Head**


 Analyst


 Review