

Bratcher, Mike, EMNRD

From: Miller, Gary [Gary.Miller@tetrattech.com]
Sent: Thursday, October 29, 2009 12:26 PM
To: Bratcher, Mike, EMNRD
Cc: Skip Wedel; Mark Colclasure
Subject: Unit Gourley Fed #3 ACO #255
Attachments: Bore hole locations and results.pdf; Bore hole locations.pdf

Mike, as we talked this morning, Unit will dig out the center section of the pit around boreholes 2 and 3 to 5-6' and around borehole #4 to 15 to take out the elevated chlorides down to around the 5000 mg/Kg level as shown on the attached lab results and plat. This material will be hauled to Lea Lands for disposal, the excavation will be backfilled the pit bottom leveled and the entire 120'x120' area capped with a 40 mil liner. If you have any questions, please call. thanks

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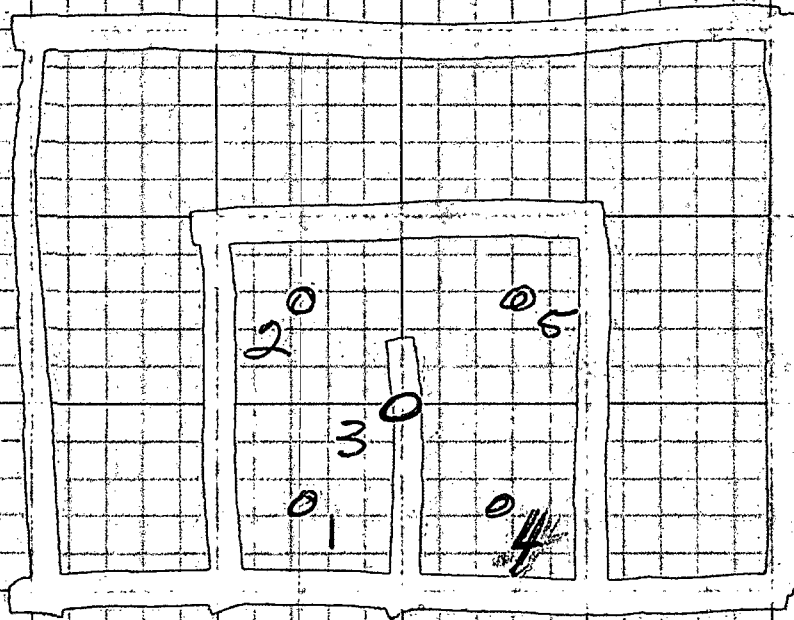


TETRA TECH

CLIENT _____ DATE _____

JOB TITLE _____ JOB NUMBER _____

SUBJECT _____ BY _____ SHEET _____ of _____



well head

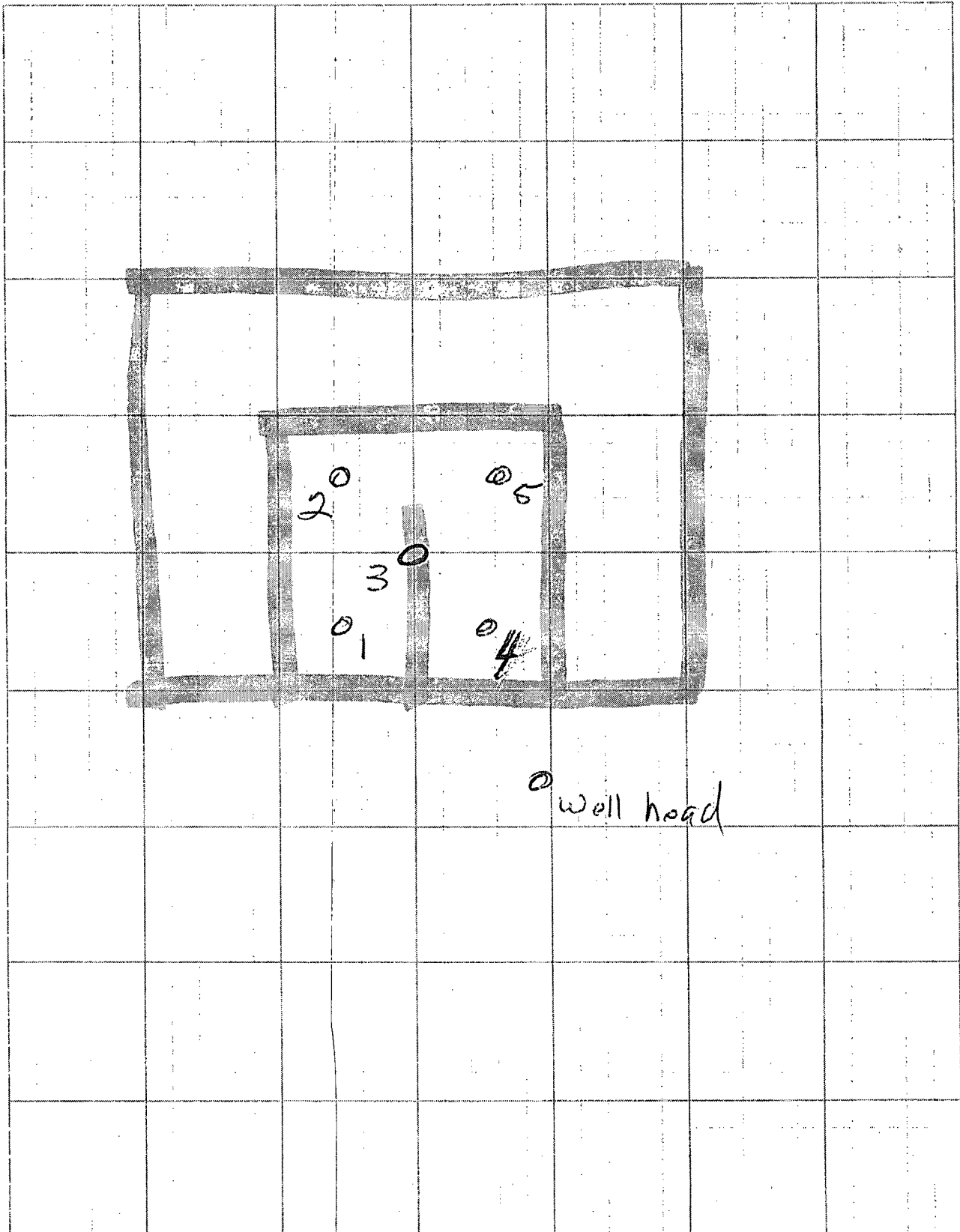


TETRA TECH

CLIENT _____ DATE _____

JOB TITLE _____ JOB NUMBER _____

SUBJECT _____ BY _____ SHEET _____ of _____



Summary Report

Jeff Kindley
Tetra Tech
1910 N. Big Spring Street
Midland, TX 79705

Report Date: October 28, 2009

Work Order: 9102801



Project Location: Eddy Co., NM
Project Name: Gourley Fed. #3
Project Number: 115-6403654

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
213181	SB-1 (5')	soil	2009-10-26	00:00	2009-10-27
213182	SB-1 (10')	soil	2009-10-26	00:00	2009-10-27
213183	SB-1 (15')	soil	2009-10-26	00:00	2009-10-27
213184	SB-1 (20')	soil	2009-10-26	00:00	2009-10-27
213185	SB-1 (25')	soil	2009-10-26	00:00	2009-10-27
213186	SB-1 (30')	soil	2009-10-26	00:00	2009-10-27
213187	SB-2 (5')	soil	2009-10-26	00:00	2009-10-27
213188	SB-2 (10')	soil	2009-10-26	00:00	2009-10-27
213189	SB-2 (15')	soil	2009-10-26	00:00	2009-10-27
213190	SB-2 (20')	soil	2009-10-26	00:00	2009-10-27
213191	SB-2 (25')	soil	2009-10-26	00:00	2009-10-27
213192	SB-2 (30')	soil	2009-10-26	00:00	2009-10-27
213193	SB-3 (5')	soil	2009-10-26	00:00	2009-10-27
213194	SB-3 (10')	soil	2009-10-26	00:00	2009-10-27
213195	SB-3 (15')	soil	2009-10-26	00:00	2009-10-27
213196	SB-3 (20')	soil	2009-10-26	00:00	2009-10-27
213197	SB-3 (25')	soil	2009-10-26	00:00	2009-10-27
213198	SB-3 (30')	soil	2009-10-26	00:00	2009-10-27
213199	SB-4 (5')	soil	2009-10-27	00:00	2009-10-27
213200	SB-4 (10')	soil	2009-10-27	00:00	2009-10-27
213201	SB-4 (15')	soil	2009-10-27	00:00	2009-10-27
213202	SB-4 (20')	soil	2009-10-27	00:00	2009-10-27
213203	SB-4 (25')	soil	2009-10-27	00:00	2009-10-27
213204	SB-4 (30')	soil	2009-10-27	00:00	2009-10-27
213205	SB-5 (5')	soil	2009-10-27	00:00	2009-10-27
213206	SB-5 (10')	soil	2009-10-27	00:00	2009-10-27
213207	SB-5 (15')	soil	2009-10-27	00:00	2009-10-27
213208	SB-5 (20')	soil	2009-10-27	00:00	2009-10-27
213209	SB-5 (25')	soil	2009-10-27	00:00	2009-10-27
213210	SB-5 (30')	soil	2009-10-27	00:00	2009-10-27

TraceAnalysis, Inc. • 6701 Aberdeen Ave., Suite 9 • Lubbock, TX 79424-1515 • (806) 794-1296

This is only a summary. Please, refer to the complete report package for quality control data.

Sample: 213181 - SB-1 (5')

Param	Flag	Result	Units	RL
Chloride		4570	mg/Kg	4.00

Sample: 213182 - SB-1 (10')

Param	Flag	Result	Units	RL
Chloride		2340	mg/Kg	4.00

Sample: 213183 - SB-1 (15')

Param	Flag	Result	Units	RL
Chloride		2360	mg/Kg	4.00

Sample: 213184 - SB-1 (20')

Param	Flag	Result	Units	RL
Chloride		2280	mg/Kg	4.00

Sample: 213185 - SB-1 (25')

Param	Flag	Result	Units	RL
Chloride		584	mg/Kg	4.00

Sample: 213186 - SB-1 (30')

Param	Flag	Result	Units	RL
Chloride		1450	mg/Kg	4.00

Sample: 213187 - SB-2 (5')

Param	Flag	Result	Units	RL
Chloride		5030	mg/Kg	4.00

Sample: 213188 - SB-2 (10')

Param	Flag	Result	Units	RL
Chloride		1650	mg/Kg	4.00

Sample: 213189 - SB-2 (15')

Param	Flag	Result	Units	RL
Chloride		3570	mg/Kg	4.00

Sample: 213190 - SB-2 (20')

Param	Flag	Result	Units	RL
Chloride		5650	mg/Kg	4.00

Sample: 213191 - SB-2 (25')

Param	Flag	Result	Units	RL
Chloride		4570	mg/Kg	4.00

Sample: 213192 - SB-2 (30')

Param	Flag	Result	Units	RL
Chloride		8860	mg/Kg	4.00

Sample: 213193 - SB-3 (5')

Param	Flag	Result	Units	RL
Chloride		5230	mg/Kg	4.00

Sample: 213194 - SB-3 (10')

Param	Flag	Result	Units	RL
Chloride		3340	mg/Kg	4.00

Sample: 213195 - SB-3 (15')

Param	Flag	Result	Units	RL
Chloride		2530	mg/Kg	4.00

Sample: 213196 - SB-3 (20')

Param	Flag	Result	Units	RL
Chloride		2170	mg/Kg	4.00

Sample: 213197 - SB-3 (25')

Param	Flag	Result	Units	RL
Chloride		4580	mg/Kg	4.00

Sample: 213198 - SB-3 (30')

Param	Flag	Result	Units	RL
Chloride		6940	mg/Kg	4.00

Sample: 213199 - SB-4 (5')

Param	Flag	Result	Units	RL
Chloride		4020	mg/Kg	4.00

Sample: 213200 - SB-4 (10')

Param	Flag	Result	Units	RL
Chloride		5450	mg/Kg	4.00

Sample: 213201 - SB-4 (15')

Param	Flag	Result	Units	RL
Chloride		5610	mg/Kg	4.00

Sample: 213202 - SB-4 (20')

Param	Flag	Result	Units	RL
Chloride		1860	mg/Kg	4.00

Sample: 213203 - SB-4 (25')

Param	Flag	Result	Units	RL
Chloride		866	mg/Kg	4.00

Sample: 213204 - SB-4 (30')

Param	Flag	Result	Units	RL
Chloride		12800	mg/Kg	4.00

Sample: 213205 - SB-5 (5')

Param	Flag	Result	Units	RL
Chloride		2180	mg/Kg	4.00

Sample: 213206 - SB-5 (10')

Param	Flag	Result	Units	RL
Chloride		1090	mg/Kg	4.00

Sample: 213207 - SB-5 (15')

Param	Flag	Result	Units	RL
Chloride		945	mg/Kg	4.00

Sample: 213208 - SB-5 (20')

Param	Flag	Result	Units	RL
Chloride		1130	mg/Kg	4.00

Sample: 213209 - SB-5 (25')

Param	Flag	Result	Units	RL
Chloride		529	mg/Kg	4.00

Sample: 213210 - SB-5 (30')

Param	Flag	Result	Units	RL
Chloride		945	mg/Kg	4.00

Well Selection Criteria Quick Print

(opno = 115970 and Field_No = 30399)

API Well #	Well Name and No.		Operator Name	Typ	Stat	County	Surf	UL	Sec	Twp	Rng	Ft N/S	Ft E/W	UICPrmt	Lst Insp Dt
30-015-32403-00-00	GOURLEY FEDERAL	003	UNIT PETROLEUM CO	G	C	Eddy	F	G	28	22 S	28 E	1650 N	810 E		
30-015-34152-00-00	GOURLEY FEDERAL	003Q	UNIT PETROLEUM CO	G	A	Eddy	F	H	28	22 S	28 E	1650 N	810 E		5/5/2009