

approved by:
 Jeffrey Lakin
 environmental engineer
 NMOCB - Holler
 10/13/10

Summary Report

Ike Tavarez
 Tetra Tech
 1910 N. Big Spring Street
 Midland, TX 79705

Report Date: July 30, 2010

Work Order: 10072723



Project Location: Lea County, NM
 Project Name: Stephens & Johnson/Denton Unit. 12-5 Flowline
 Project Number: 114-6400323

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
238778	West Wall 1	soil	2010-07-26	00:00	2010-07-27
238779	West Wall 2	soil	2010-07-26	00:00	2010-07-27
238780	Trench 5' (10' BEB)	soil	2010-07-26	00:00	2010-07-27
238781	Bottom Hole-Q2-Middle 10'(15' BEB)	soil	2010-07-26	00:00	2010-07-27
238782	Bottom Hole-Q2-Middle 15' (15' BEB)	soil	2010-07-26	00:00	2010-07-27
238783	Trench 1' (10' BEB)	soil	2010-07-26	00:00	2010-07-27
238784	Trench 3' (10' BEB)	soil	2010-07-26	00:00	2010-07-27

Sample - Field Code	BTEX				TPH DRO - NEW	TPH GRO
	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Xylene (mg/Kg)	DRO (mg/Kg)	GRO (mg/Kg)
238778 - West Wall 1	0.0396	<0.0200	<0.0200	<0.0200	330	5.38
238779 - West Wall 2	0.0327	<0.0200	<0.0200	<0.0200	<50.0	<2.00
238780 - Trench 5' (10' BEB)	0.0463	<0.0200	<0.0200	<0.0200	<50.0	<2.00
238781 - Bottom Hole-Q2-Middle 10'(15' BEB)	0.321	3.51	4.20	11.5	184	689
238782 - Bottom Hole-Q2-Middle 15' (15' BEB)	0.0366	0.0522	0.109	0.325	125	157
238783 - Trench 1' (10' BEB)	0.0335	<0.0200	<0.0200	<0.0200	<50.0	15.0
238784 - Trench 3' (10' BEB)	0.0310	<0.0200	<0.0200	<0.0200	<50.0	<2.00

Sample: 238778 - West Wall 1

Param	Flag	Result	Units	RL
Chloride		<200	mg/Kg	4.00

Sample: 238779 - West Wall 2

Param	Flag	Result	Units	RL
Chloride		<200	mg/Kg	4.00

Sample: 238780 - Trench 5' (10' BEB)

Param	Flag	Result	Units	RL
Chloride		<200	mg/Kg	4.00

Sample: 238781 - Bottom Hole-Q2-Middle 10'(15' BEB)

Param	Flag	Result	Units	RL
Chloride		240	mg/Kg	4.00

Sample: 238782 - Bottom Hole-Q2-Middle 15' (15' BEB)

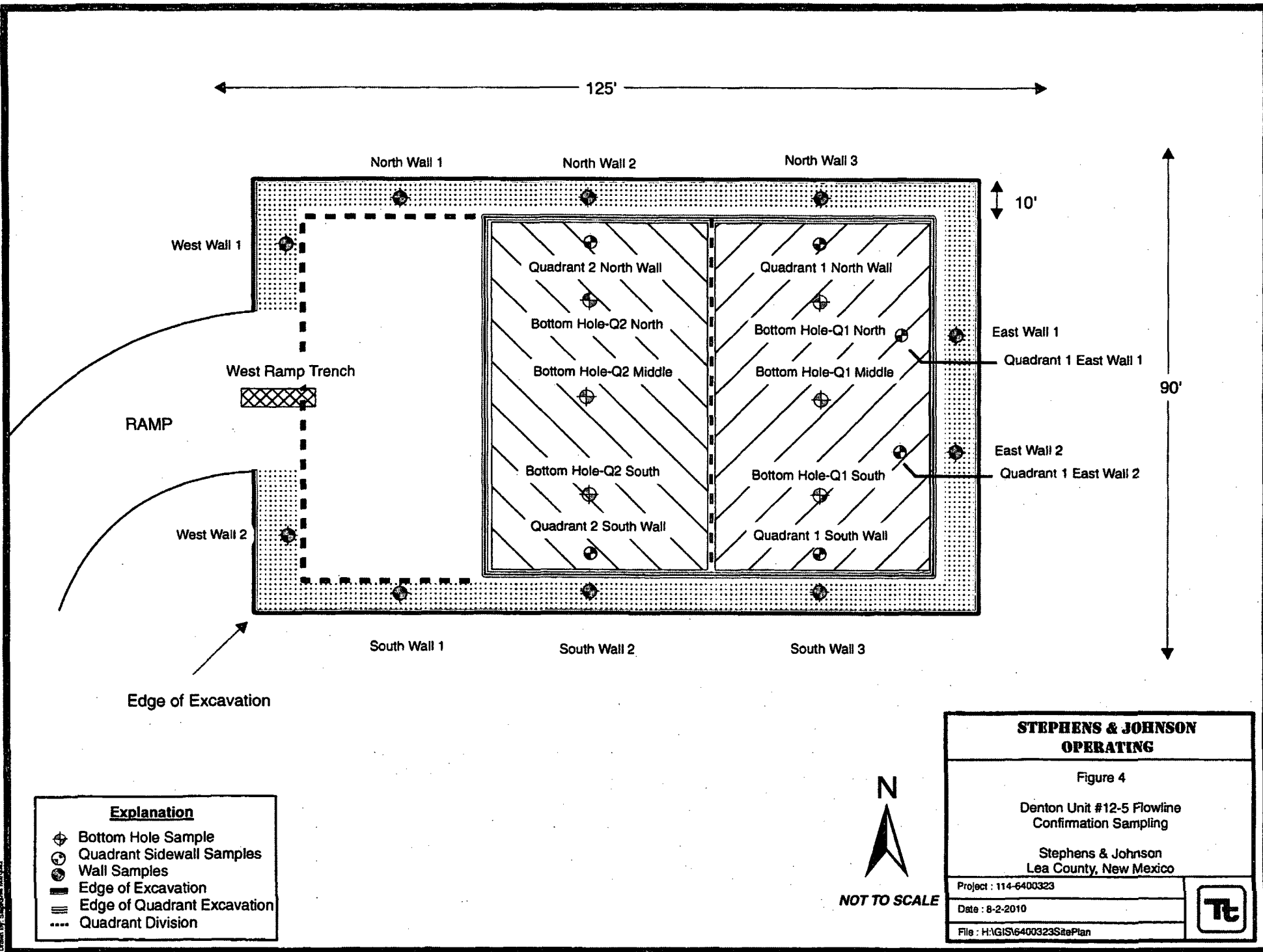
Param	Flag	Result	Units	RL
Chloride		<200	mg/Kg	4.00

Sample: 238783 - Trench 1' (10' BEB)

Param	Flag	Result	Units	RL
Chloride		273	mg/Kg	4.00

Sample: 238784 - Trench 3' (10' BEB)

Param	Flag	Result	Units	RL
Chloride		<200	mg/Kg	4.00



Summary Report

Ike Tavaréz
Tetra Tech
1910 N. Big Spring Street
Midland, TX 79705

Report Date: July 6, 2010

Work Order: 10070126



Project Location: Lea County, NM
Project Name: Stephens & Johnson/Denton Unit. 12-5 Flowline
Project Number: 114-6400323

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
236427	North Wall 1	soil	2010-06-30	00:00	2010-07-01
236428	Q1 Wall South 10' (15' BEB)	soil	2010-06-30	00:00	2010-07-01
236429	Q1 Wall East 1 10' (15' BEB)	soil	2010-06-30	00:00	2010-07-01
236430	Q1 Wall East 2 10' (15' BEB)	soil	2010-06-30	00:00	2010-07-01
236431	Q1 Wall North 10' (15' BEB)	soil	2010-06-30	00:00	2010-07-01
236432	Q2 Wall South 10' (15' BEB)	soil	2010-06-30	00:00	2010-07-01
236433	Q2 Wall North 10' (15' BEB)	soil	2010-06-30	00:00	2010-07-01
236434	Bottom Hole-Q2-North 10' (15' BEB)	soil	2010-06-30	00:00	2010-07-01
236435	Bottom Hole-Q2-South 10' (15' BEB)	soil	2010-06-30	00:00	2010-07-01

Sample - Field Code	BTEX				TPH DRO - NEW	TPH GRO
	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Xylene (mg/Kg)	DRO (mg/Kg)	GRO (mg/Kg)
236427 - North Wall 1	<0.0200	<0.0200	<0.0200	<0.0200	<50.0	9.69
236428 - Q1 Wall South 10' (15' BEB)	<0.0200	<0.0200	<0.0200	<0.0200	<50.0	3.54
236429 - Q1 Wall East 1 10' (15' BEB)	<0.0200	<0.0200	<0.0200	0.0562	128	25.4
236430 - Q1 Wall East 2 10' (15' BEB)	<0.0200	<0.0200	<0.0200	<0.0200	62.8	8.50
236431 - Q1 Wall North 10' (15' BEB)	<0.0200	<0.0200	<0.0200	<0.0200	<50.0	<2.00
236432 - Q2 Wall South 10' (15' BEB)	<0.0200	<0.0200	<0.0200	<0.0200	<50.0	<2.00
236433 - Q2 Wall North 10' (15' BEB)	<0.0200	<0.0200	<0.0200	<0.0200	<50.0	<2.00
236434 - Bottom Hole-Q2-North 10' (15' BEB)	<0.0200	<0.0200	<0.0200	0.0543	<50.0	8.11
236435 - Bottom Hole-Q2-South 10' (15' BEB)	<0.0200	<0.0200	0.0411	0.105	105	30.4

Sample: 236427 - North Wall 1

Param	Flag	Result	Units	RL
Chloride		<200	mg/Kg	4.00

Sample: 236428 - Q1 Wall South 10' (15' BEB)

Param	Flag	Result	Units	RL
Chloride		<200	mg/Kg	4.00

Sample: 236429 - Q1 Wall East 1 10' (15' BEB)

Param	Flag	Result	Units	RL
Chloride		<200	mg/Kg	4.00

Sample: 236430 - Q1 Wall East 2 10' (15' BEB)

Param	Flag	Result	Units	RL
Chloride		<200	mg/Kg	4.00

Sample: 236431 - Q1 Wall North 10' (15' BEB)

Param	Flag	Result	Units	RL
Chloride		<200	mg/Kg	4.00

Sample: 236432 - Q2 Wall South 10' (15' BEB)

Param	Flag	Result	Units	RL
Chloride		<200	mg/Kg	4.00

Sample: 236433 - Q2 Wall North 10' (15' BEB)

Param	Flag	Result	Units	RL
Chloride		<200	mg/Kg	4.00

Sample: 236434 - Bottom Hole-Q2-North 10' (15' BEB)

Param	Flag	Result	Units	RL
Chloride		511	mg/Kg	4.00

Sample: 236435 - Botthom Hole-Q2-South 10' (15' BEB)

Param	Flag	Result	Units	RL
Chloride		<200	mg/Kg	4.00

Summary Report

Ike Tavarez
Tetra Tech
1910 N. Big Spring Street
Midland, TX 79705

Report Date: June 28, 2010

Work Order: 10062337



Project Location: Lea County, NM
Project Name: Stephens & Johnson/Denton Unit. 12-5 Flowline
Project Number: 114-6400323

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
235518	South Wall 1	soil	2010-06-22	00:00	2010-06-23
235519	South Wall 2	soil	2010-06-22	00:00	2010-06-23
235520	South Wall 3	soil	2010-06-22	00:00	2010-06-23
235521	East Wall 1	soil	2010-06-22	00:00	2010-06-23
235522	East Wall 2	soil	2010-06-22	00:00	2010-06-23
235523	North Wall 3	soil	2010-06-22	00:00	2010-06-23
235524	North Wall 2	soil	2010-06-23	00:00	2010-06-23
235525	North Wall 1	soil	2010-06-23	00:00	2010-06-23
235526	Bottom Hole-Q1-North 10' (15' BEB)	soil	2010-06-23	00:00	2010-06-23
235527	Bottom Hole-Q1-Middle 10' (15' BEB)	soil	2010-06-23	00:00	2010-06-23
235528	Bottom Hole-Q1-Middle 15' (15' BEB)	soil	2010-06-23	00:00	2010-06-23
235529	Bottom Hole-Q1-South 10' (15' BEB)	soil	2010-06-23	00:00	2010-06-23

Sample - Field Code	BTEX				TPH DRO - NEW	TPH GRO
	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Xylene (mg/Kg)	DRO (mg/Kg)	GRO (mg/Kg)
235518 - South Wall 1	<0.0200	0.0947	0.229	0.657	68.7	74.7
235519 - South Wall 2	<0.0200	0.280	0.628	2.17	94.1	155
235520 - South Wall 3	<0.0200	0.274	0.770	2.14	<50.0	148
235521 - East Wall 1	0.0660	3.25	6.15	16.3	299	500
235522 - East Wall 2	<0.0200	<0.0200	<0.0200	<0.0200	<50.0	<2.00
235523 - North Wall 3	<0.0200	<0.0200	<0.0200	<0.0200	<50.0	<2.00
235524 - North Wall 2	<0.0200	<0.0200	<0.0200	<0.0200	<50.0	<2.00
235525 - North Wall 1	<0.200	1.19	3.09	8.78	2190	391
235526 - Bottom Hole-Q1-North 10' (15' BEB)	<0.0200	0.125	0.265	0.660	57.9	54.1
235527 - Bottom Hole-Q1-Middle 10' (15' BEB)	<0.0200	<0.0200	<0.0200	0.0675	<50.0	<2.00
235528 - Bottom Hole-Q1-Middle 15' (15' BEB)	<0.0200	<0.0200	<0.0200	<0.0200	<50.0	<2.00
235529 - Bottom Hole-Q1-South 10' (15' BEB)	<0.0200	<0.0200	<0.0200	<0.0200	<50.0	<2.00

Sample: 235518 - South Wall 1

Param	Flag	Result	Units	RL
Chloride		240	mg/Kg	4.00

Sample: 235519 - South Wall 2

Param	Flag	Result	Units	RL
Chloride		<200	mg/Kg	4.00

Sample: 235520 - South Wall 3

Param	Flag	Result	Units	RL
Chloride		<200	mg/Kg	4.00

Sample: 235521 - East Wall 1

Param	Flag	Result	Units	RL
Chloride		<200	mg/Kg	4.00

Sample: 235522 - East Wall 2

Param	Flag	Result	Units	RL
Chloride		<200	mg/Kg	4.00

Sample: 235523 - North Wall 3

Param	Flag	Result	Units	RL
Chloride		<200	mg/Kg	4.00

Sample: 235524 - North Wall 2

Param	Flag	Result	Units	RL
Chloride		<200	mg/Kg	4.00

Sample: 235525 - North Wall 1

Param	Flag	Result	Units	RL
Chloride		<200	mg/Kg	4.00

Sample: 235526 - Bottom Hole-Q1-North 10' (15' BEB)

Param	Flag	Result	Units	RL
Chloride		<200	mg/Kg	4.00

Sample: 235527 - Bottom Hole-Q1-Middle 10' (15' BEB)

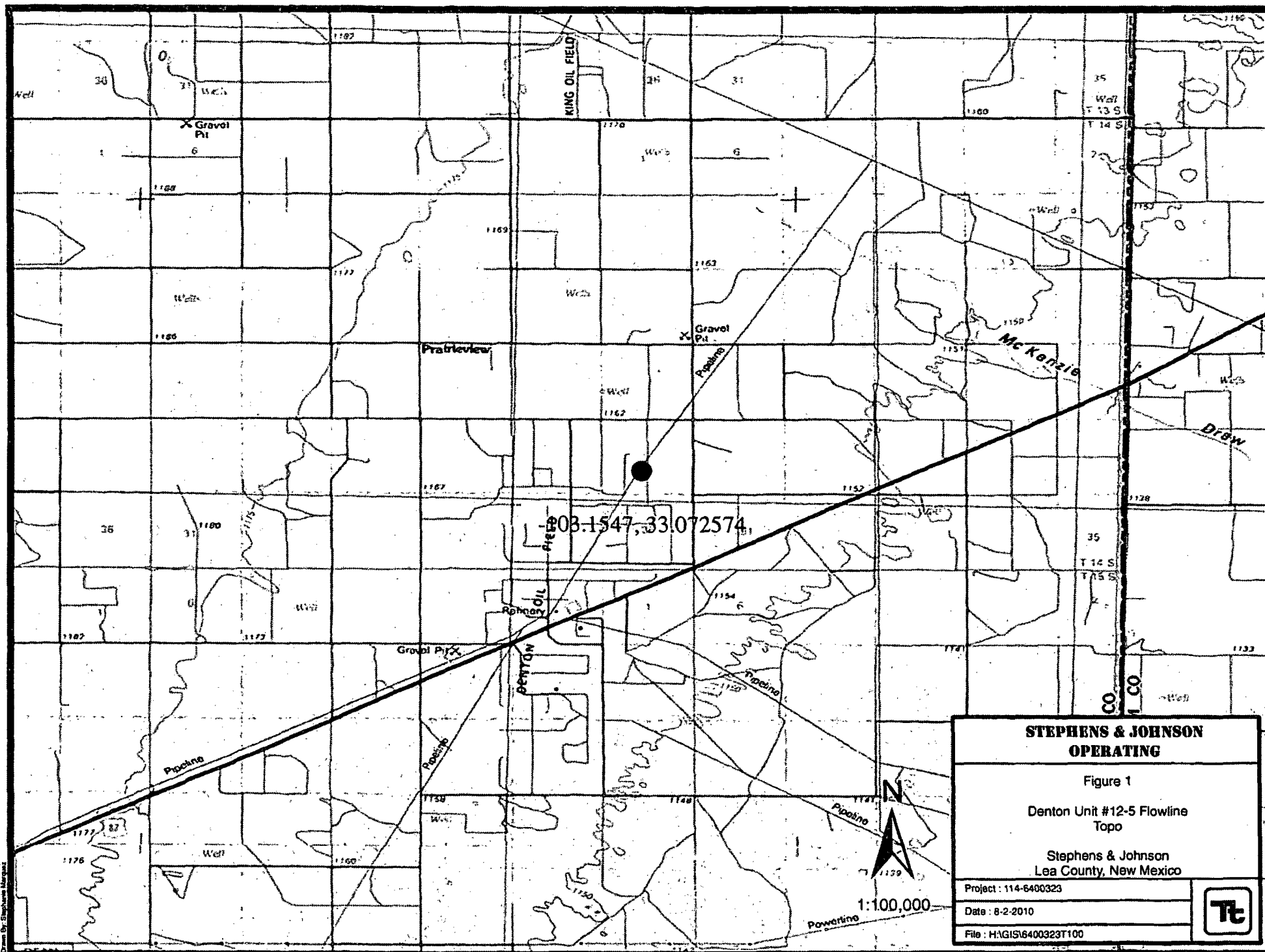
Param	Flag	Result	Units	RL
Chloride		<200	mg/Kg	4.00

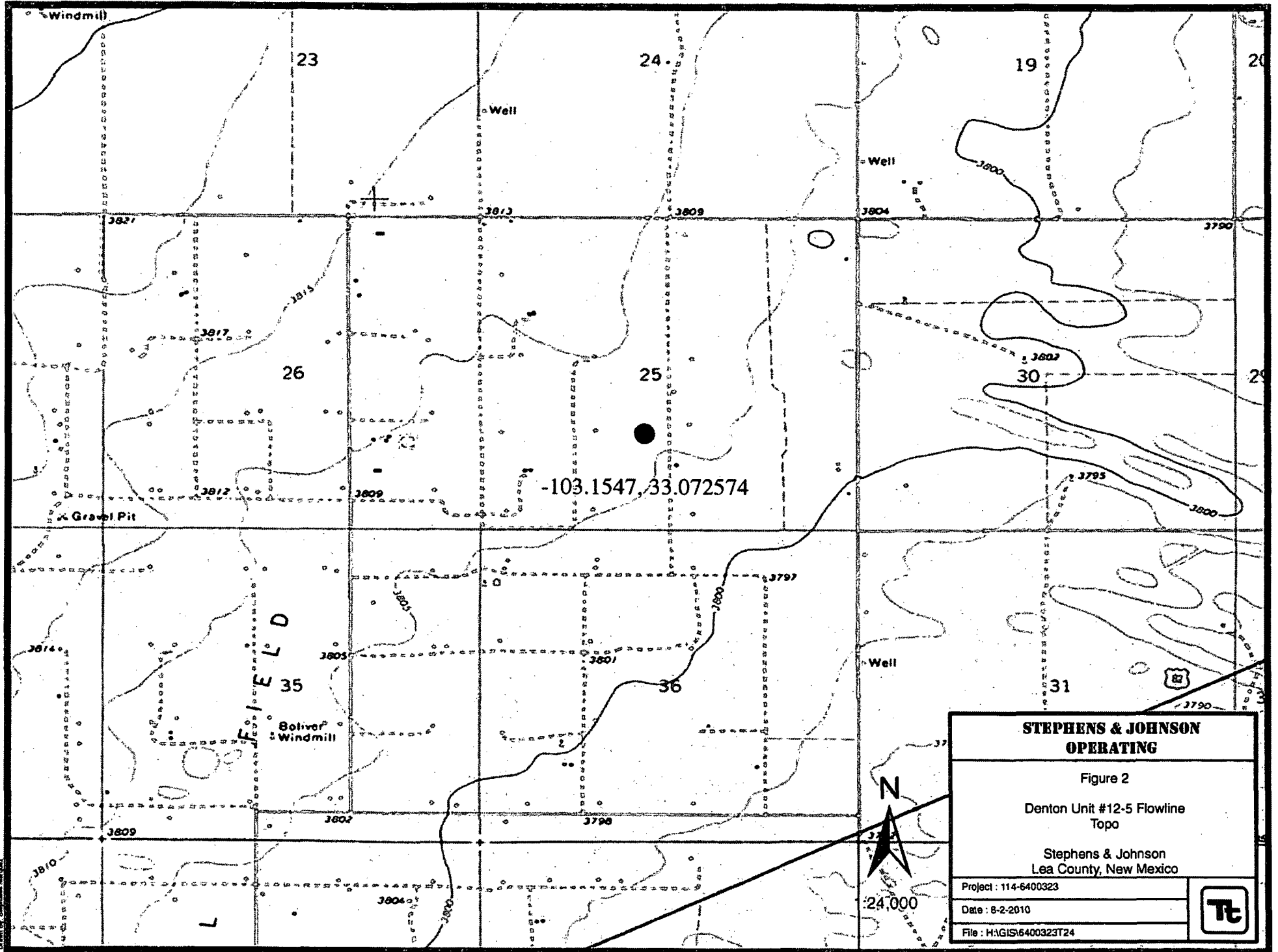
Sample: 235528 - Bottom Hole-Q1-Middle 15' (15' BEB)

Param	Flag	Result	Units	RL
Chloride		<200	mg/Kg	4.00

Sample: 235529 - Bottom Hole-Q1-South 10' (15' BEB)

Param	Flag	Result	Units	RL
Chloride		<200	mg/Kg	4.00





**STEPHENS & JOHNSON
OPERATING**

Figure 2

Denton Unit #12-5 Flowline
Topo

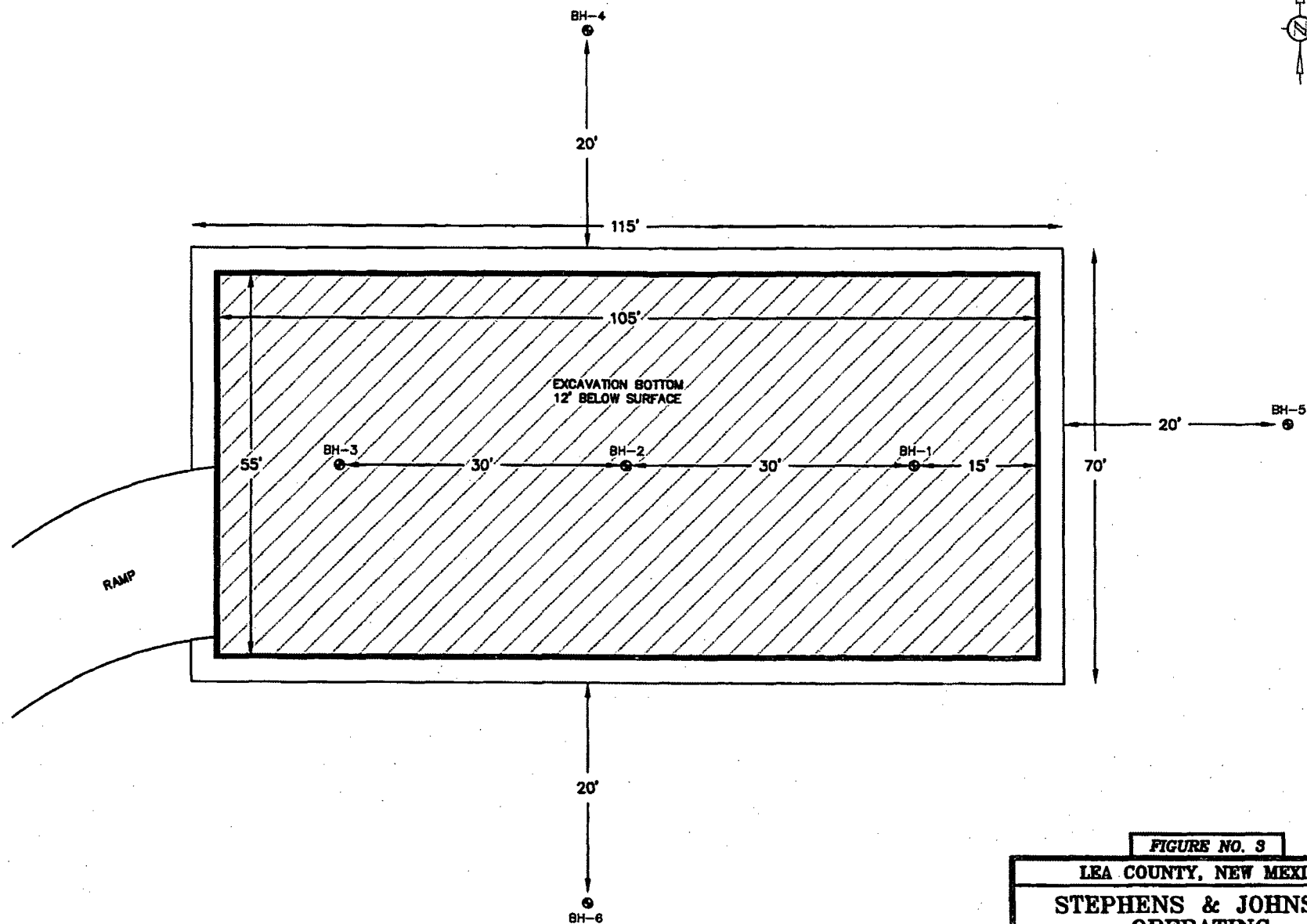
Stephens & Johnson
Lea County, New Mexico

Project : 114-6400323

Date : 8-2-2010

File : H:\GIS\6400323T24





[Hatched Box] EXCAVATED AREA
 [Circle with Dot] BORE HOLE SAMPLE LOCATIONS

NOT TO SCALE

DATE:
 1/15/10
 DRG. BY:
 JJ
 FILE:
 C:\STEPHENS & J
 114-8460323

FIGURE NO. 3

LEA COUNTY, NEW MEXICO

STEPHENS & JOHNSON
OPERATING

DENTON WOLFCAMP #12-5

TETRA TECH, INC.
 MIDLAND, TEXAS