

			DATE	DEPARTMENT	PREPARED BY
			4/2/15		T. Og
SPILL	3/6/10	ZRP-402			
Excavated & Hauled Heavy Impacted Soil			3/10/10		Photos 2
Dug Sample Trenches			3/30/10		NO Photos
Drilled SB-1 & SB-2			4/23/10		
Removed Impacted Soil			6/2 - 6/7/10	520	Cubic yds
Determined vertical ^{Horizontal} Extent			6/17/10		Photos & Sketch
continued excavation Center Pond area					
Backfill & Level Floor to 5 Ft.					
Liner Installed 7/22/10					
Finished Haul & Impacted Soil 200 Cubic yds total 720					
Finish Backfill & Seeding 8/10/10					
SPILL Report					
Initial Photos					
Trench Design					
Site Sketch 3/30/10					
SB-1 Data 4/23/10					
SB-2 " " "					
Soil Chem. Table					
Enhanced Photo 6/17/10					
" " "					
" " "					
Final Annual 4/16/13					

NM OIL CONSERVATION
ARTESIA DISTRICT
APR 07 2015

RECEIVED

T. Og

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

RECEIVED
MAR 16 2010
NMOCD ARTESIA

Form C-141
Revised October 10, 2003
Submit 2 Copies to appropriate District Office in accordance with Rule 116 on back side of form

Release Notification and Corrective Action

OPERATOR

Initial Report Final Report

Name of Company BOPCO, L.P. <i>260737</i>	Contact Tony Savoie
Address 522 W. Mermod, Suite 704 Carlsbad, N.M. 88220	Telephone No. 432-556-8730
Facility Name Bass Federal 3 Well #4 "Release #2"	Facility Type E&P

Surface Owner Federal	Mineral Owner Federal	Lease No.
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3001528736

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
<i>I</i>	3	22S	28E	1980		330		Eddy

Latitude N 32.41981 Longitude W 104.07153 *TRW*

NATURE OF RELEASE

Type of Release: Produced water and crude oil	Volume of Release: 5 Bbls of Produced water and 2 Bbls of Crude oil	Volume Recovered: none
Source of Release: Above ground 2 3/8" flow line	Date and Hour of Occurrence: Unknown	Date and Hour of Discovery: 3/6/10 12:00 pm
Was Immediate Notice Given? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.* The flow line delivering produced fluid from the well to the tank battery developed a leak, the well was shut in and a temporary repair clamp was placed on the affected area.

Describe Area Affected and Cleanup Action Taken.* The released fluid affected an area of approximately 350 sq. ft of pasture land, the heavily saturated soil was excavated and hauled to CRI for disposal. The excavated area will be left open for sampling and further excavation as needed. The Site remediation for the produced water and crude oil spill will follow the NMOCD guidelines for leaks and spills.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature: <i>Tony Savoie</i>	Approved by District Supervisor: <i>[Signature]</i>	OIL CONSERVATION DIVISION Remediation Actions to be completed and Final C-141 submitted with confirmation analyses/documentation on or before the Expiration Date
Printed Name: Tony Savoie	Approval Date: <i>4-8-10</i>	Expiration Date: <i>6-8-10</i>
Title: Waste Mgmt. & Remediation Specialist	Conditions of Approval: DELINEATION REQUIRED until contamination reaches background levels or a site specific acceptable level. As warranted, a work plan may be required	
E-mail Address: TASavoie@BassPet.com	Attached <input type="checkbox"/> <i>2RP-402</i>	
Date: 3/15/10 Phone: 432-556-8730	Notify OCD 48 hours prior to obtaining samples where analyses are to be presented to OCD	

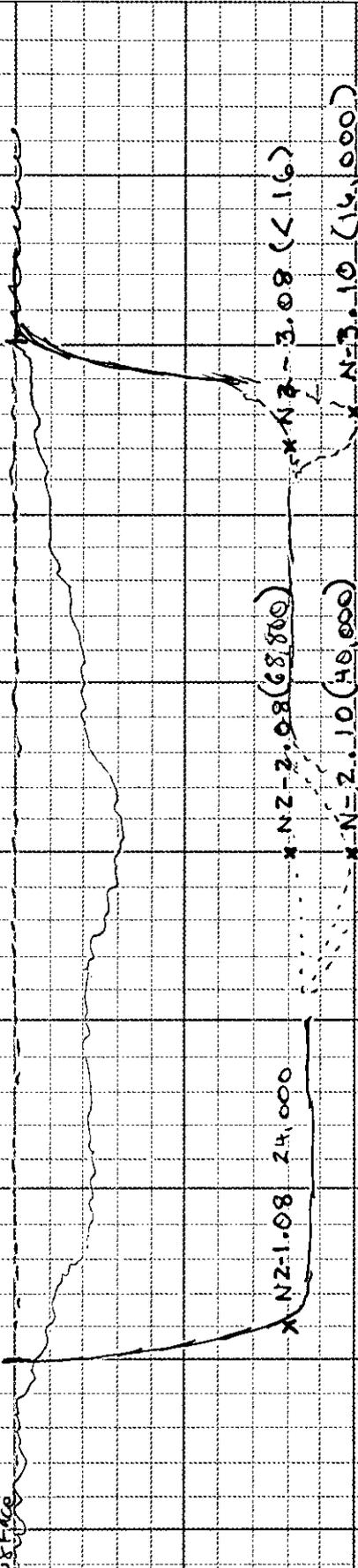
DISTRICT OFFICE ARTESIA

* Attach Additional Sheets if Necessary



North Trench
3/30/10

Surface



X-NZ-1.08 24,000

X-NZ-2.08 (28,800)

X-NZ-3.08 (<16)

X-N=2.10 (40,000)

X-N=3.10 (14,000)

X-N=C.13 (19,200)

24,000

PREPARED BY

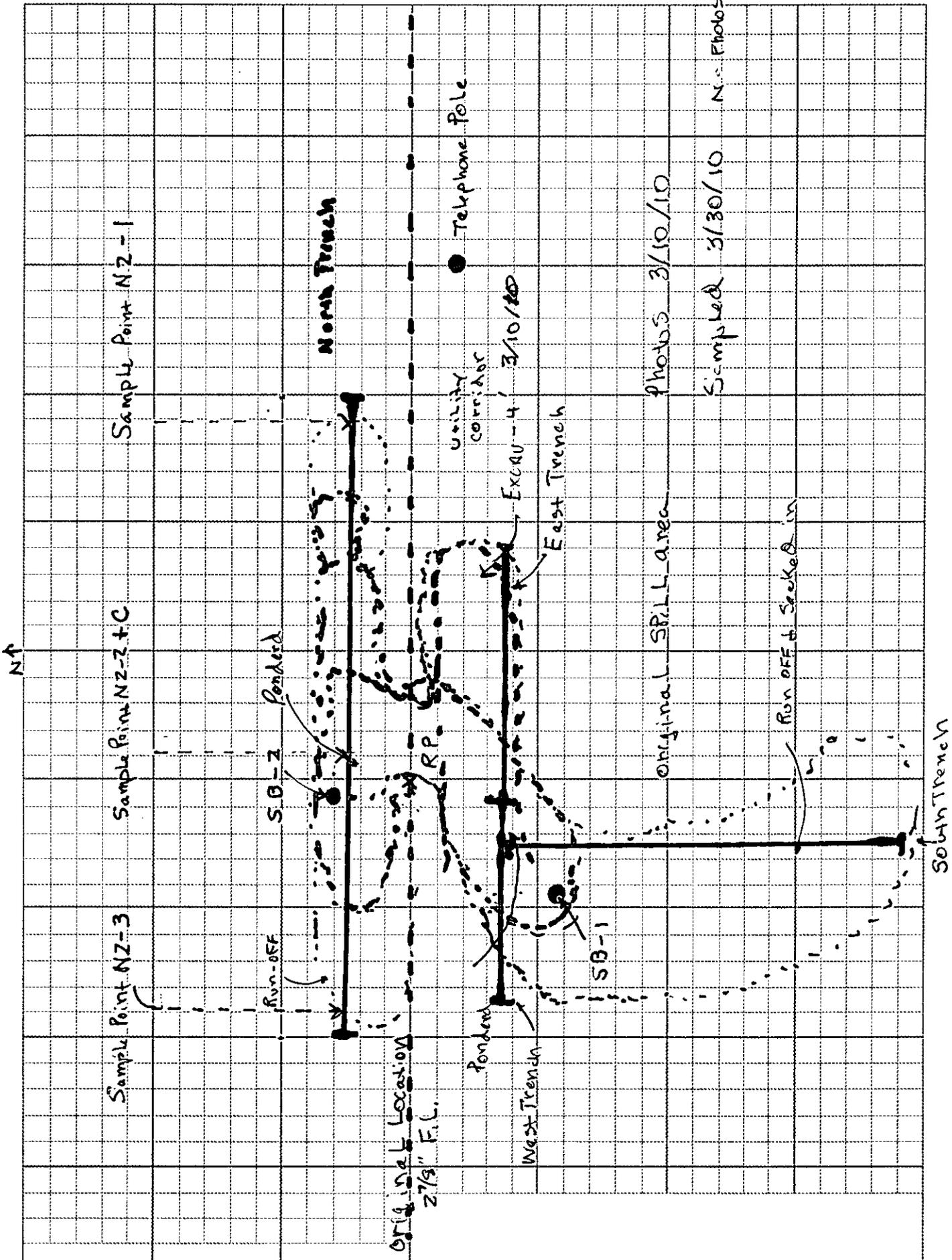
DEPARTMENT

DATE

PREPARED BY

DEPARTMENT

DATE



N

Sample Point NZ-1

Sample Point NZ-2+3

Sample Point NZ-3

SB-2 Ponded

North Trench

Original Location
2 7/8" F.I.L.

Ponded

West Trench

SB-1

EXCAV - 4 3/10/10

East Trench

Utility
Corridor

Telephone Pole

Photos 3/10/10

Sampled 3/30/10

Notes: Photos

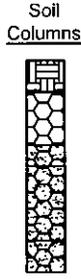
Run OFF & Sealed in

South Trench

Soil Boring SB-1

Boring SB-1

Depth
below
ground
surface



Chloride
Field Test

(ND)

(ND)

PID
Reading

Petroleum
Odor

Petroleum
Stain

Soil Description

0 - 2' - Topsoil

2 - 7' - Caliche, white, dry

7 - 10' - Sand, brown with caliche nodules

10 - 17' - Sand, brown with caliche nodules and some gravel, well rounded

17 - 25' - Sand, brown, very fine grained with caliche nodules

Date Drilled April 28, 2010
 Thickness of Bentonite Seal 20 Ft
 Depth of Exploratory Boring 20 Ft bgs
 Depth to Groundwater _____
 Ground Water Elevation _____

- ▼ Indicates the PSH level measured on _____
- ▼ Indicates the groundwater level measured on _____
- Indicates samples selected for Laboratory Analysis.
- PID Head-space reading in ppm obtained with a photo-ionization detector.

Completion Notes

- 1.) The monitor well was advanced on date using air rotary drilling techniques.
- 2.) The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.

Soil Boring SB-1

BOPCO
 Bass 3 Fed #4 Spill #2
 Eddy County, New Mexico

Basin Environmental Consulting

Prep By: CDS	Checked By: CJB
May 25, 2010	

Soil Boring SB-2

Boring SB-2

Depth below ground surface	Soil Columns	Chloride Field Test	PID Reading	Petroleum Odor	Petroleum Stain	Soil Description
<div style="display: flex; align-items: center;"> <div style="margin-right: 5px;">0</div> <div style="border-left: 1px solid black; border-right: 1px solid black; height: 20px; width: 10px;"></div> </div> <div style="margin-top: 5px;">5</div> <div style="margin-top: 5px;">10</div> <div style="margin-top: 5px;">15</div> <div style="margin-top: 5px;">20</div>		<div style="border: 1px solid black; border-radius: 50%; padding: 2px; margin: 5px auto; width: 40px;">4,824</div> <div style="border: 1px solid black; border-radius: 50%; padding: 2px; margin: 5px auto; width: 40px;">ND</div> <div style="border: 1px solid black; border-radius: 50%; padding: 2px; margin: 5px auto; width: 40px;">ND</div>	None	None	None	<p>0 - 5' - Backfill</p> <p>5 - 20' - Sand, brown with caliche nodules</p>

Date Drilled April 28, 2010
 Thickness of Bentonite Seal 20 Ft
 Depth of Exploratory Boring 20 Ft bgs
 Depth to Groundwater _____
 Ground Water Elevation _____

- Indicates the PSH level measured on _____
- Indicates the groundwater level measured on _____
- Indicates samples selected for Laboratory Analysis.
- PID Head-space reading in ppm obtained with a photo-ionization detector.

Completion Notes

- 1.) The monitor well was advanced on date using air rotary drilling techniques.
- 2.) The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.

Soil Boring SB-2

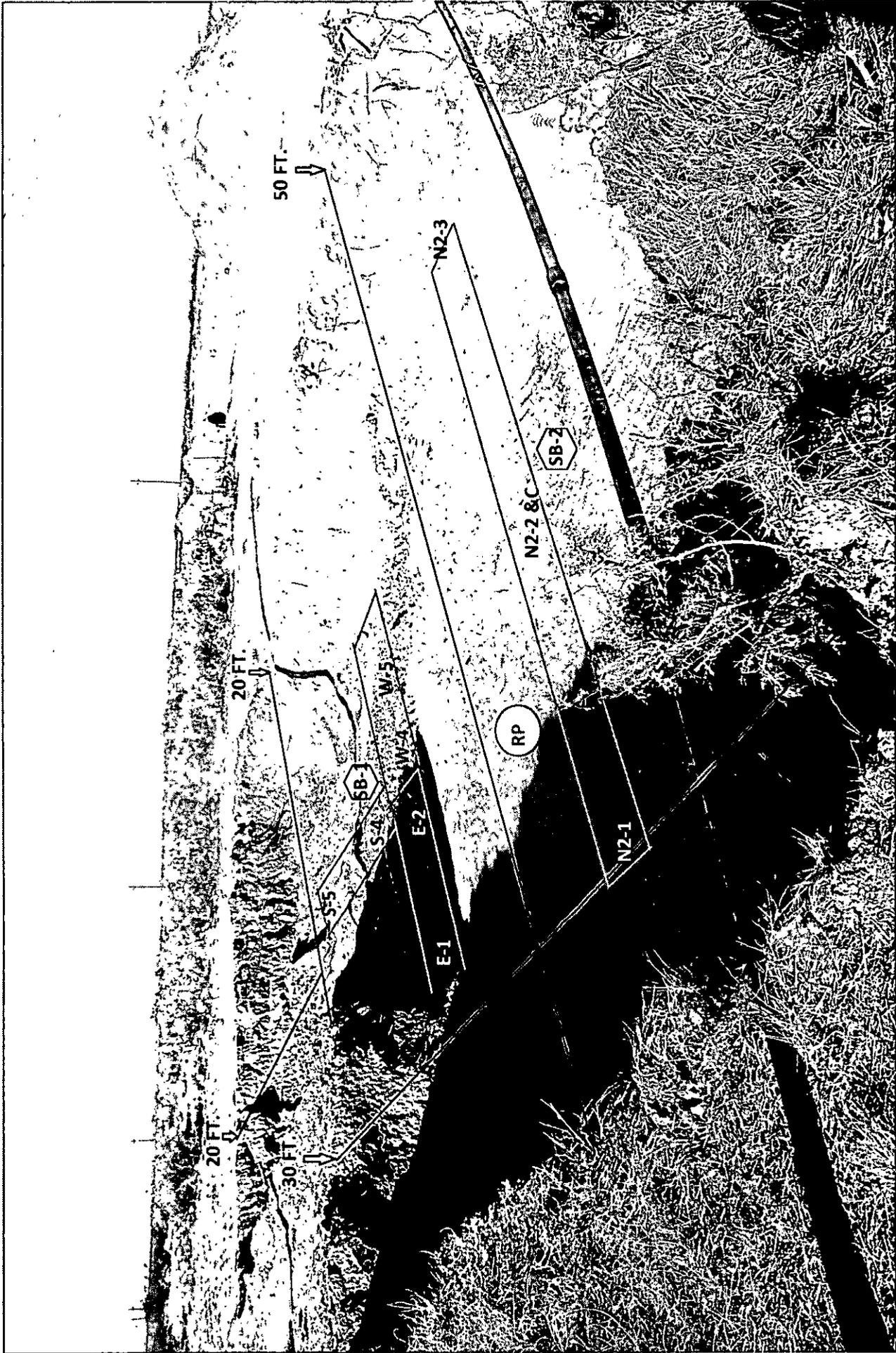
BOPCO
 Bass 3 Fed #4 Spill #2
 Eddy County, New Mexico

Basin Environmental Consulting

Prep By: CDS	Checked By: CJB
May 25, 2010	

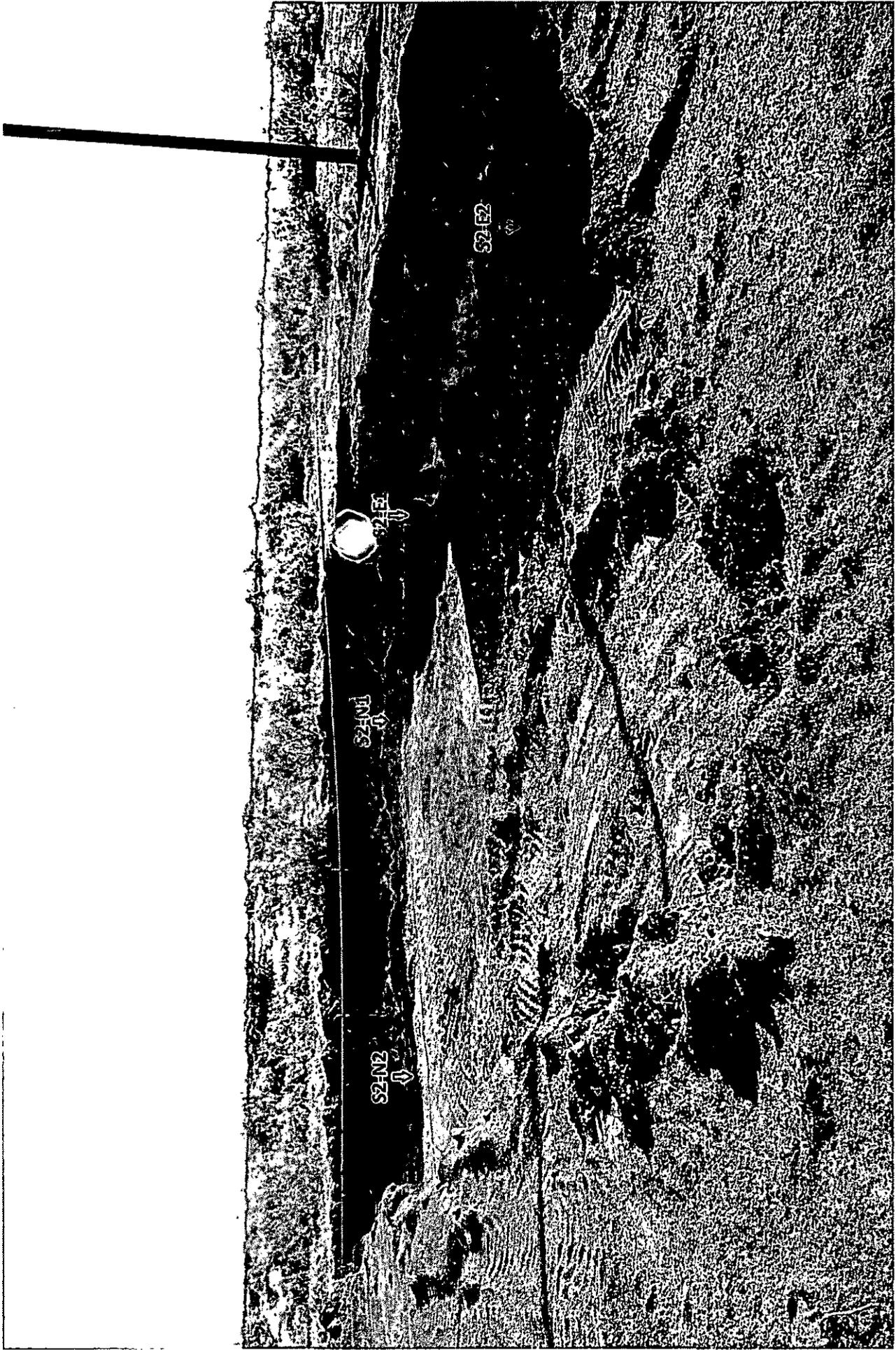
**Bass 3 Federal #4 Site #2 (2RP-402)
Soil Chemistry Table**

Date Collected	Lab ID	Sample ID	Sample location	Sample Depth (ft.)	Status	TPH GRO C6-C10 mg/kg	TPH DRO C10- C28 mg/kg	TPH TOTAL C6-C-28 mg/kg	Benzene mg/kg	Toluene mg/kg	Ethylbenzene mg/kg	Xylenes mg/kg	BTEX TOTAL mg/kg	Chloride mg/kg
3/30/2010	H19583-1	N2-1.08	North trench	8	Excavated									24,000
3/30/2010	H19583-2	N2-2.08	North trench	8	Excavated									68,800
3/30/2010	H19583-3	N-2-3.08	North trench	10	Insitu									<16
3/30/2010	H19583-4	N-2.10	North trench	10	Insitu									40,000
3/30/2010	H19583-5	N-3.10	North trench	10	Insitu									16,000
3/30/2010	H19583-6	N-C.13	North trench	13	Insitu									19,200
6/17/2010	H20167-6	S2-N1	North wall	7	Insitu	<10	<10	<10						<16
6/17/2010	H20167-7	S2-N2	North wall	6	Insitu	<10	<10	<10						<16
4/28/2010	H19780-1	SB-1 at 5'	North trench area N2	5					<0.050	<0.050	<0.050	<0.050	<0.300	112
4/28/2010	H19780-2	SB-1 at 20'	North trench area N2	20										32
4/28/2010	H19780-3	SB-2 at 10'	North trench area N	10					<0.050	<0.050	<0.050	<0.050	<0.300	4,160
4/28/2010	H19780-4	SB-2 at 15'	North trench area N	15					<0.050	<0.050	<0.050	<0.050	<0.300	32
4/28/2010	H19780-5	SB-2 at 20'	North trench area N	20										32
3/30/2010	H19583-9	E-1.10	East trench	10	Insitu									16
3/30/2010	H19583-10	E-2.15	East trench	15	Insitu									8,240
3/30/2010	H19583-11	EW C.15	East trench	15	Insitu									336
6/17/2012	H20167-3	S2-E1	East Wall	7	Insitu	<10	<10	<10						<16
6/17/2012	H20167-4	S2-E2	East Wall	6	Insitu	<10	<10	<10						<16
6/17/2012	H20167-5	S2-E3B	East Wall	5	Insitu	<10	<10	<10						<16
3/30/2010	H19583-7	S-4.15	South trench	15										3,960
3/30/2010	H19583-8	S-5.08	South trench	8										<16
6/17/2012	H20167-8	S2-S2	South wall	5	Insitu	<10	<10	<10						<16
6/17/2012	H20167-9	S2-S1B	South wall	5	Insitu	<10	<10	<10						<16
3/30/2010	H19583-12	W-4.12	West trench	12										1,920
3/30/2010	H19583-13	W-5.08	West trench	8										16
6/17/2012	H20167-1	S2-W1	West wall	7	Insitu	<10	<10	<10						<16
6/17/2012	H20167-2	S2-W2	West wall	5	Insitu	<10	<10	<10						<16



NE ↗
Corner

6/17/10
Photo 0880 Enhanced
Liner Installed 7/21 & 22/10

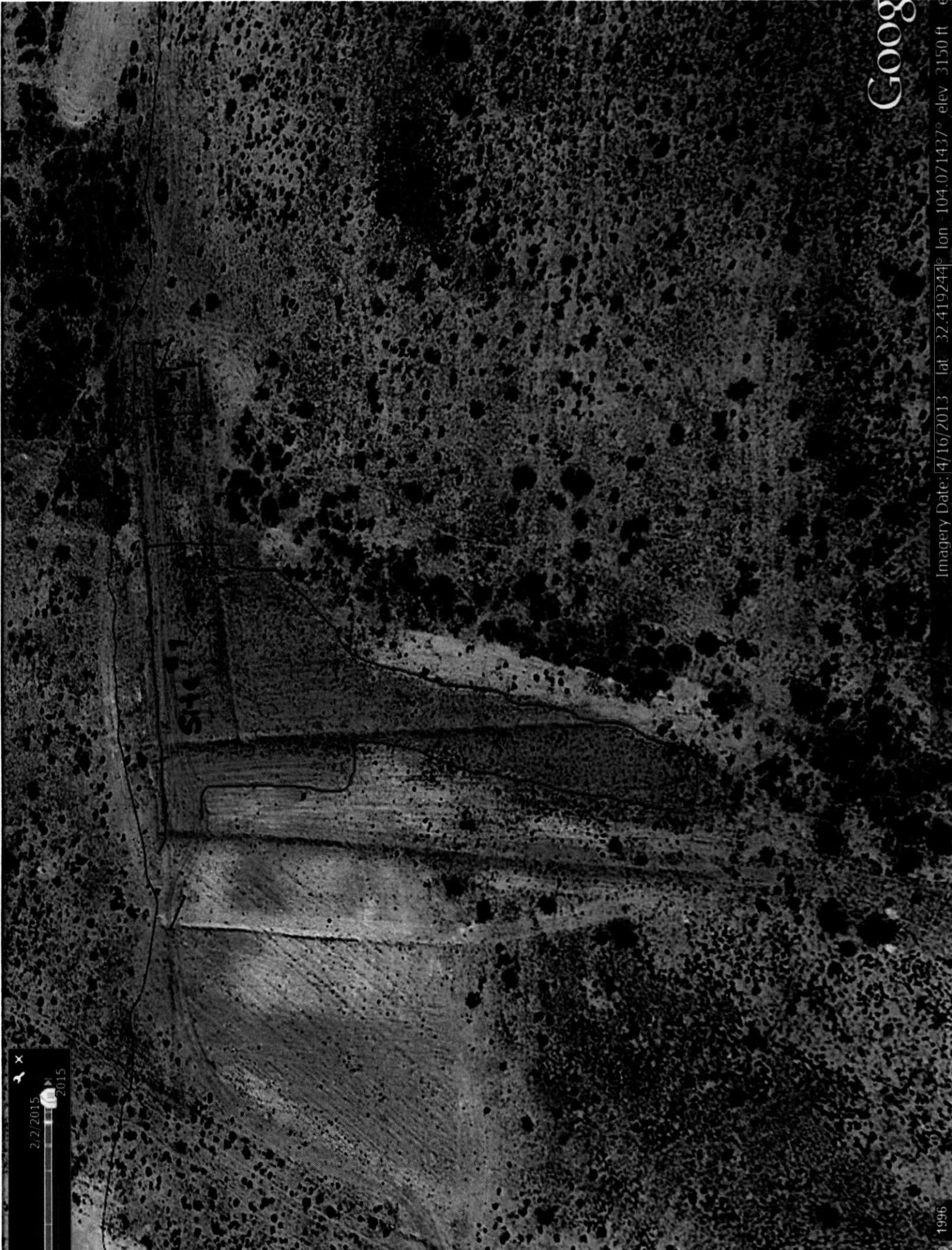


SW ↗
Corner

Photo 6/17/10
0876 Enhanced North + East Walls



Photo 6/17/10
0880 - SW



2/2/2015
2015