

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

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 XTO Energy Inc.	Contact Kim Champlin
Address #382 County Road 3100, Aztec, NM 87410	Telephone No. (505) 333-3100
Facility Name Valencia Canyon Unit #40 (API# 30-039-22082)	Facility Type Gas Well (Mesa Verde)

Surface Owner USFS	Mineral Owner BLM	Lease No. NMNM78429B
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LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
M	35	28N	04W	910	South	870	West	Rio Arriba

Latitude 36.61148 Longitude 107.22633

NATURE OF RELEASE

Type of Release Produced Oil	Volume of Release 150 BBLS	Volume Recovered 10 BBLS
Source of Release Drain Line	Date and Hour of Occurrence 01/24/10 Unknown	Date and Hour of Discovery 01/25/10 1:30 PM
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Brandon Powell- OCD Mark Kelly- BLM John Reidinger- USFS	
By Whom? Kim Champlin	Date and Hour 01/26/2010 1:36-1:55	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse. RCVD FEB 10 '10 OIL CONS. DIV.	

If a Watercourse was Impacted, Describe Fully.*

DIST. 3

Describe Cause of Problem and Remedial Action Taken.* **XTO lease operator discovered damage to the drain line from the production tank to the water pit tank. Upon investigation it was discovered that while cleaning snow from the location the equipment operator had inadvertently hit the drain line and the valve was pulled off the back of the production tank and oil was draining from the tank. When the line was pulled it made a hole in the berm around the tank and oil was released from the bermed area. The release traveled toward the edge of the location but did not leave location. The edge of the location was bermed and vac trucks were immediately dispatched. The tank was emptied and the location was cleaned of standing fluids. Approximately 10 barrels of oil was recovered from the location and berm.**

Describe Area Affected and Cleanup Action Taken.* **Construction staff and vac truck were dispatched to location to begin repairs and clean up. The tank was emptied and removed and approximately 10 barrels of standing oil was recovered from the location and the bermed area. The area of the location that was impacted was excavated. The impacted soil was taken to a licensed disposal facility (approximately 200 cubic yards). The area was sampled in three separate locations to verify the impact was removed, (sample results and drawing attached). All lab results are below standards for TPH and BTEX. The excavated area is scheduled to be backfilled, the line repaired and a new tank installed.**

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>Kim Champlin</i>	OIL CONSERVATION DIVISION	
Printed Name: Kim Champlin	Approved by District Supervisor: <i>Bob Pell</i> For: <i>CP</i>	
Title: EHS Administrative Coordinator	Approval Date: 4/9/10	Expiration Date:
E-mail Address: Kim.Champlin@xtoenergy.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 02/04/10	Phone: 505-333-3100	

* Attach Additional Sheets If Necessary

ARM 1010254247

12

BUREAU OF LAND MANAGEMENT
WO MAJOR UNDESIRABLE EVENT (MUE) REPORTING FORMAT

BLM Office Reporting:					
BLM Employee:					
Company Official Reporting to BLM: Kim Champlin					
Operator: XTO Energy Inc.					
Date/Time of Occurrence: 01/27/10 Unknown			Date/Time BLM Notified: 01/28/10 10:51 AM		
Field/Unit Name: Valencia Canyon Unit #40			Lease Number: NMNM78429B		
State: NM	County: Rio Arriba	Twn: 26N	Rng: 06W	Sec: 09J	Qtr:
Surface Ownership: (circle one) Federal		Indian	State	FEE	
Type of Event: (circle one)	Oil Spill	Oil/Water Spill	Gas Venting	Toxic Fluid Spill	
	Saltwater Spill	Other Spill (Specify)	Blowout	Fire	
	Injury	Fatality	Property Damage	Explosion	
Nature and Cause of Event: While gauging a production tank XTO lease operator discovered approximately 54 barrels of produced oil missing from the last gauge. All valves and seals were intact and there was no evidence of theft. Also there was no visible/standing oil on the ground or in the berm. It was assumed there was a leak in the bottom of the tank.					
Environmental Impact: When the tank was pulled there was impact to the ground within the berm under the production tank. There was no impact outside of the bermed area. Construction staff was dispatched to location to begin repairs and clean up.					
Time Required to Control Event (Hours):		.5			
Volumes Discharged or Consumed:		54 Barrels Oil			
Volumes Recovered:		0 Barrels			
Action Taken to Control Event: The tank was emptied and removed to be hydro tested.					
Resultant Damage: Impact to soil directly under tank, within the bermed area.					
Clean-Up Procedures: The area of the berm that was impacted was excavated. The impacted soil was taken to a licensed disposal facility (approximately 40 cubic yards). The area was sampled to verify the impact was removed, (sample results attached). All lab results are below standards for TPH and BTEX for non sensitive areas. The excavated area is scheduled to be backfilled with clean fill from Four Corners Materials. The tank hydro tested ok and there were no leaks in the tank. A 3" non freeze sealable load line valve and a 2" non freeze sealable water drain valve were replaced on the tank and the tank will be re-installed.					
Cause/Extent of Personal Injury:					
Agency Notification List: (Federal/State/Local):	Agency Name	Contact Name	Date/Time		
	NMOCD	Brandon Powell	01/26/10 1:36PM		
	BLM	Mark Kelly	01/26/10 1:44PM		
Remarks:					



**EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons**

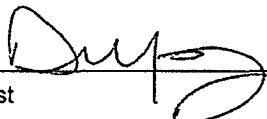
Client:	XTO Energy	Project #:	98031-0121
Sample ID:	WH to 50' E End of Spill	Date Reported:	02-05-10
Laboratory Number:	53064	Date Sampled:	02-03-10
Chain of Custody No:	8704	Date Received:	02-04-10
Sample Matrix:	Soil	Date Extracted:	02-04-10
Preservative:	Cool	Date Analyzed:	02-05-10
Condition:	Intact	Analysis Requested:	8015 TPH

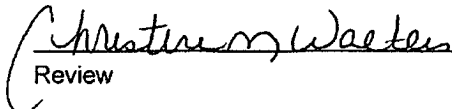
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	213	0.2
Diesel Range (C10 - C28)	367	0.1
Total Petroleum Hydrocarbons	580	0.2

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **VCU 40**


Analyst


Review



EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	XTO Energy	Project #:	98031-0121
Sample ID:	WH to 50' E End of Spill	Date Reported:	02-05-10
Laboratory Number:	53064	Date Sampled:	02-03-10
Chain of Custody:	8704	Date Received:	02-04-10
Sample Matrix:	Soil	Date Analyzed:	02-05-10
Preservative:	Cool	Date Extracted:	02-04-10
Condition:	Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	106	0.9
Toluene	8,040	1.0
Ethylbenzene	254	1.0
p,m-Xylene	27,100	1.2
o-Xylene	7,890	0.9
Total BTEX	43,400	

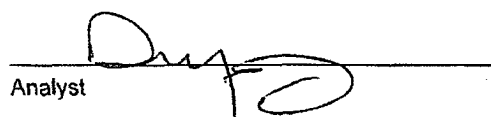
ND - Parameter not detected at the stated detection limit.

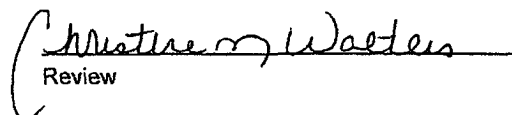
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	92.0 %
	1,4-difluorobenzene	88.3 %
	Bromochlorobenzene	97.0 %

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: VCU 40


Analyst


Review



**EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons**

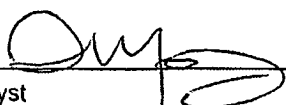
Client:	XTO Energy	Project #:	98031-0121
Sample ID:	WH to the West 80'	Date Reported:	02-05-10
Laboratory Number:	53065	Date Sampled:	02-03-10
Chain of Custody No:	8704	Date Received:	02-04-10
Sample Matrix:	Soil	Date Extracted:	02-04-10
Preservative:	Cool	Date Analyzed:	02-05-10
Condition:	Intact	Analysis Requested:	8015 TPH

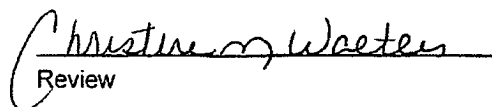
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	629	0.2
Diesel Range (C10 - C28)	488	0.1
Total Petroleum Hydrocarbons	1,120	0.2

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **VCU 40**


Analyst


Review



EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	XTO Energy	Project #:	98031-0121
Sample ID:	WH to West 80'	Date Reported:	02-05-10
Laboratory Number:	53065	Date Sampled:	02-03-10
Chain of Custody:	8704	Date Received:	02-04-10
Sample Matrix:	Soil	Date Analyzed:	02-05-10
Preservative:	Cool	Date Extracted:	02-04-10
Condition:	Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	44.6	0.9
Toluene	5,740	1.0
Ethylbenzene	174	1.0
p,m-Xylene	23,900	1.2
o-Xylene	6,580	0.9
Total BTEX	36,400	

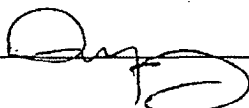
ND - Parameter not detected at the stated detection limit.

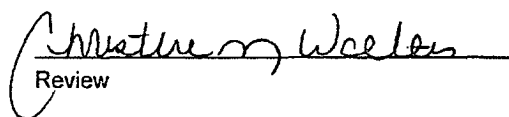
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	94.0 %
	1,4-difluorobenzene	90.3 %
	Bromochlorobenzene	99.0 %

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: VCU 40

Analyst 

Review 



EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

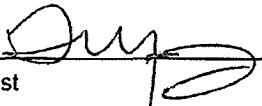
Client:	XTO Energy	Project #:	98031-0121
Sample ID:	W End of Spill to WH	Date Reported:	02-05-10
Laboratory Number:	53066	Date Sampled:	02-03-10
Chain of Custody No:	8704	Date Received:	02-04-10
Sample Matrix:	Soil	Date Extracted:	02-04-10
Preservative:	Cool	Date Analyzed:	02-05-10
Condition:	Intact	Analysis Requested:	8015 TPH

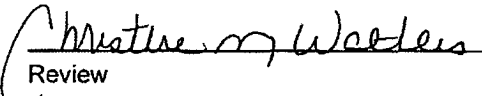
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	133	0.2
Diesel Range (C10 - C28)	255	0.1
Total Petroleum Hydrocarbons	388	0.2

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: VCU 40


Analyst


Review



EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	XTO Energy	Project #:	98031-0121
Sample ID:	W End of Spill to WH	Date Reported:	02-05-10
Laboratory Number:	53066	Date Sampled:	02-03-10
Chain of Custody:	8704	Date Received:	02-04-10
Sample Matrix:	Soil	Date Analyzed:	02-05-10
Preservative:	Cool	Date Extracted:	02-04-10
Condition:	Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	11.4	0.9
Toluene	1,120	1.0
Ethylbenzene	67.4	1.0
p,m-Xylene	7,170	1.2
o-Xylene	1,840	0.9
Total BTEX	10,200	


ND - Parameter not detected at the stated detection limit.

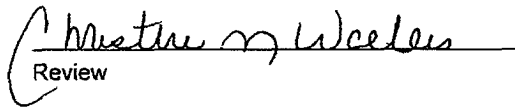
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	92.0 %
	1,4-difluorobenzene	88.3 %
	Bromochlorobenzene	97.0 %

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: VCU 40


Analyst


Review



EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	02-05-10 QA/QC	Date Reported:	02-05-10
Laboratory Number:	53058	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	02-05-10
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF	C-Cal RF	% Difference	Accept Range
Gasoline Range C5 - C10	05-07-07	1.0881E+003	1.0885E+003	0.04%	0 - 15%
Diesel Range C10 - C28	05-07-07	1.2179E+003	1.2184E+003	0.04%	0 - 15%

Blank Conc. (mg/L - mg/Kg)	Concentration	Detection Limit
Gasoline Range C5 - C10	ND	0.2
Diesel Range C10 - C28	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept Range
Gasoline Range C5 - C10	22.0	20.9	5.0%	0 - 30%
Diesel Range C10 - C28	2,460	2,450	0.4%	0 - 30%

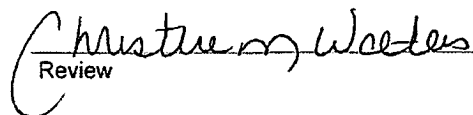
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
Gasoline Range C5 - C10	22.0	250	270	99.3%	75 - 125%
Diesel Range C10 - C28	2,460	250	2,690	99.3%	75 - 125%

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: QA/QC for Samples 53058 - 53059 and 53063 - 53066

Analyst 

Review 



EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	02-05-BT QA/QC	Date Reported:	02-05-10
Laboratory Number:	53058	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	02-05-10
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF	C-Cal RF	%Diff	Blank Conc	Detect Limit
		Accept Range 0 - 15%			
Benzene	1.2770E+006	1.2796E+006	0.2%	ND	0.1
Toluene	1.3041E+006	1.3067E+006	0.2%	ND	0.1
Ethylbenzene	1.2371E+006	1.2396E+006	0.2%	ND	0.1
p,m-Xylene	3.1356E+006	3.1418E+006	0.2%	ND	0.1
o-Xylene	1.1799E+006	1.1823E+006	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff	Accept Range	Detect Limit
Benzene	10.9	10.2	6.4%	0 - 30%	0.9
Toluene	45.5	44.3	2.6%	0 - 30%	1.0
Ethylbenzene	13.2	12.0	9.1%	0 - 30%	1.0
p,m-Xylene	66.1	64.9	1.8%	0 - 30%	1.2
o-Xylene	26.9	25.7	4.5%	0 - 30%	0.9

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	10.9	50.0	60.4	99.2%	39 - 150
Toluene	45.5	50.0	93.3	97.7%	46 - 148
Ethylbenzene	13.2	50.0	61.1	96.7%	32 - 160
p,m-Xylene	66.1	100	181	109%	46 - 148
o-Xylene	26.9	50.0	74.9	97.4%	46 - 148

ND - Parameter not detected at the stated detection limit.

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.
Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using Photoionization and/or Electrolytic Conductivity Detectors, SW-846, USEPA December 1996.

Comments: QA/QC for Samples 53058 - 53059 and 53063 - 53066

Analyst

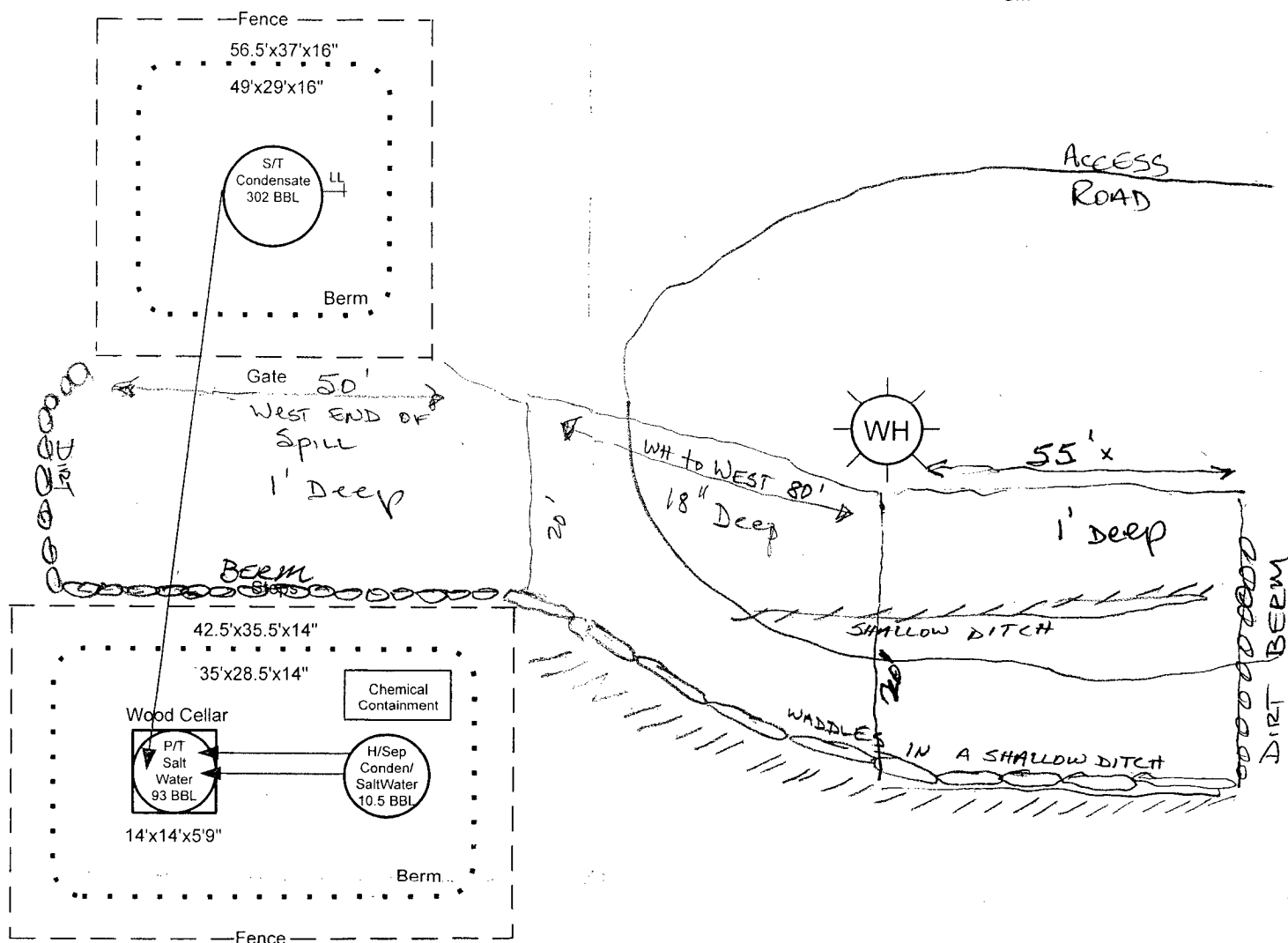
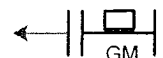
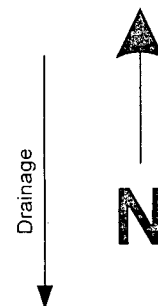
Review

20704
KMSH

[illegible]

E-Mail RESULTS TO:
KINET HOSTSTRA
Kim Christoph

Well Name: Valencia Canyon Unit # 40
 Field: Rio Arriba County NM
 Serial Number: Lease # NMNM-14923, API # 30-039-22082
 Section: SW/SW Sec. 35 (M), T-28N, R-04W



Production
 Gas
 Oil
 Water
 Equalizing Line
 Catch Basin-□