

mmDistrict 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 x Final Report

Name of Company - Oxy USA	Contact - Tony Summers
Address 1017 West Stanolind Road, Hobbs, N.M. 88240	Telephone No. 505.397.8236 or Cell 505.390.9228
Facility Name - East Eumont Unit	Facility Type - Production

Surface- State of New Mexico	Mineral Owner	Lease No.
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LOCATION OF RELEASE

Unit Letter J	Section 33	Township 18-S	Range 37-E	Feet from the 1980	North/South Line South	Feet from the 1980	East/West Line East	County Lea
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Latitude _N 32° 42.076_ Longitude _W 103° 15.223_

NATURE OF RELEASE

Type of Release Crude oil and produced water	Volume of Release 27bo x 125bw	Volume Recovered 25bo x 120bw
Source of Release 4" steel line	Date and Hour of Occurrence 12/4/06 apprx 5:00pm	Date and Hour of Discovery 12/5/06 9:00am
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Pat Caperton	
By Whom? Tony Summers	Date and Hour 12/6/06	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

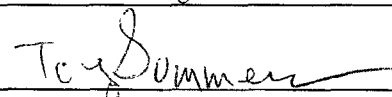

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.* At 9:00 am 12/05/06 lease operator found hole in shared trunk line for East Eumont Unit well #5. Lease operator shut in well and immediately called vacuum truck and installed temporary emergency repair clamp. Vacuum truck picked up approximately 25 barrels of oil and 150 barrels of produced water. Line will be replaced.

Describe Area Affected and Cleanup Action Taken.* Area around spill is grass pasture with somewhat rocky soil. The contaminated area is in a half moon shape, please see attached hand drawn map for area size. Affected area will be remediated to NMOCD guidelines for leaks and spills. Actual leak is located 375 feet southeast of well down pipeline right of way.

Leak site was dug out of all visually contaminated soil (approx 6" - 8") at various times throughout the month of December , 2006. Due to wet weather, first sample was not taken until 04/02/2007 (see Cardinal Labs 04/02/07). Visited with Chris Williams and he decided TPH and CL was still too high to close. Dug out another 4" to 6" and tested again (see lab results 06/20/07 and pics). Visited with Chris Williams again 06/22/07 and he said we could close if we would lay 6" of clay in area where 1N test was taken (see hand drawn map). On 06/26/2007, filled area with clay (see pics dated 6/29/07). Finished filling in with like kind top soil and closed 1st week in July 2007 (see pics dated 7/13/07).

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: 	OIL CONSERVATION DIVISION	
Printed Name: Tony Summers	Approved by District Supervisor: 	
Title: HES Technician	Approval Date: 7/20/07	Expiration Date: 7/20/07
E-mail Address: tony_summers@oxy.com	Conditions of Approval:	Attached <input type="checkbox"/>

1450

Date: 07/16/2007

Phone: (505) 397-8236

* Attach Additional Sheets If Necessary

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Signature:		OIL CONSERVATION DIVISION	
Printed Name: Tony Summers		Approved by District Supervisor: <i>Chris Williams</i>	
Title: HES Technician		Approval Date: <i>6/22/07</i>	Expiration Date: <i>8/22/07</i>
E-mail Address: tony_summers@oxy.com		Conditions of Approval:	
Date: 12/14/06 Phone: (505) 397-8236		Attached <input type="checkbox"/>	

* Attach Additional Sheets If Necessary



Occidental Permian Limited Partnership

December 14, 2006

New Mexico Oil Conservation Division
District I
1625 N. French Drive
Hobbs, New Mexico 88240

Attn: Environmental Engineering

RE: Remediation Plan
East Eumont Unit Well # 5, 4" steel trunk line
UL 'J', Sec 33, T-18-S, R-37-E

Leak was found on 12/5/06 at approximately 9 am. Leak occurred approximately 12/04/06 at 5 pm in 4" steel line (not buried). Line is closest to EEU well #5, but four other small producing wells also share line. Wells were shut in, valves closed, emergency repair clamp installed, and vacuum truck called to pick up all free fluids. Normal liquid rate for line is 140 barrels per day at average 60 pounds pressure. The area affected by the spill is a half moon shape, please see attached map for measurements. An estimated 27 BO and 125 BW were spilled and 25 BO and 120 BW were recovered. Depth to ground water according to Pat Caperton with NMOCD is 50' giving this spill site a ranking of 10. Remediation of the spill site will be as follows:

1. Piping will be replaced/repared.
2. Affected area will be excavated and soil will be disposed of at Sundance Services, Parabo Faciltiy near Eunice, NM.
3. Soil samples will be gathered from affected area.
4. NMOCD guidelines will be used to insure entire site is in compliance with guidelines.
5. Any soils removed will be replaced with clean fresh soils, where needed.
6. Soil analysis data will be submitted with final closure letter.

If you have any questions, or if I can be of further assistance, please contact me at 505.397.8326 or 505.390.9228.

Thank you,
Tony Summers
HES Technician/Seminole RMT
tony_summers@oxy.com

Attachments: Initial C-141
Hand drawn map of spill site
East Eumont Unit Water Analysis taken at East Eumont Central Battery
Driving directions

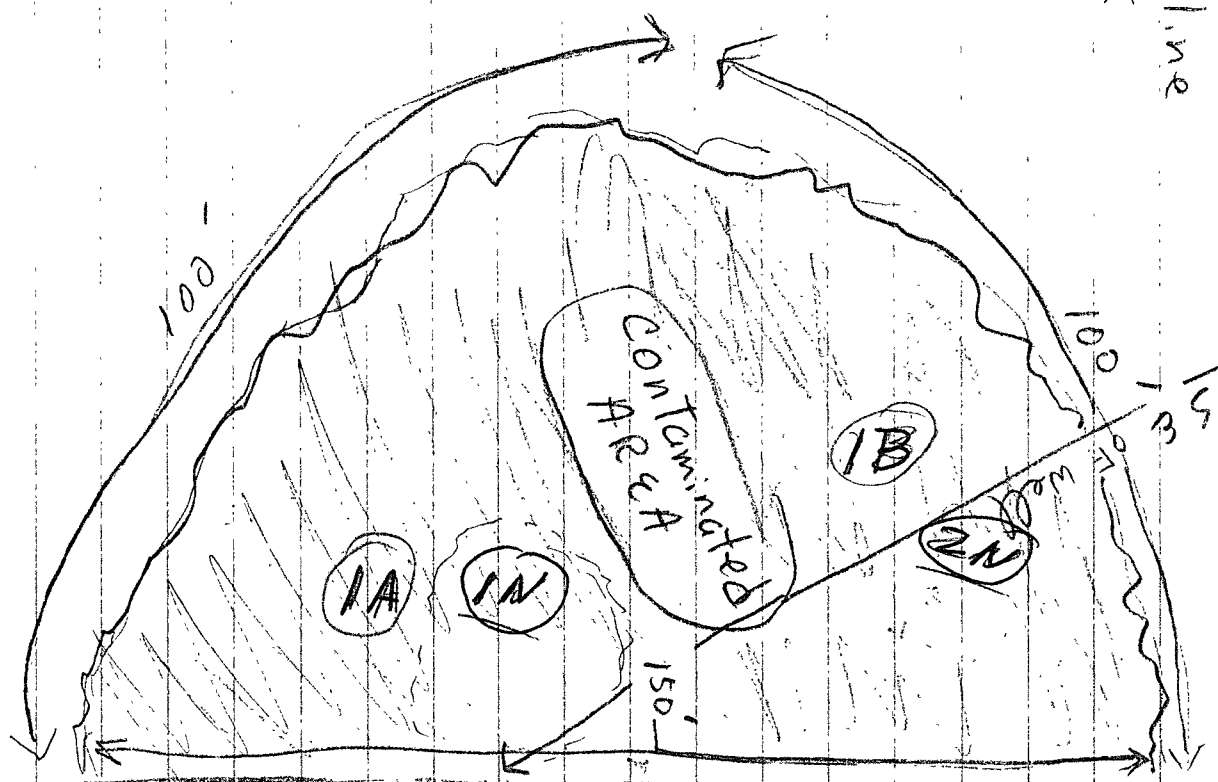
Well #5 IN

Road

December 5, 2006

4" Steel

Trunk line
leak



4" Steel line

Hole

pipeline right of way
Road

East Eumont Unit #5 Trunkline

Driving instructions

From Hobbs NM intersection of 62/180 and West County Road, go 3.9 miles west on 62/180. Turn north thru cattle guard/gate and go 3/10 mile and road curves back west, go another 3/10 mile to East Eumont Unit well #5. Just as you get to well, turn south on pipeline right of way for approximately 375 feet. Leak was on above ground 4" steel line.

MITCHELL ANALYTICAL LABORATORY

2638 Faudree
XOdessa, Texas 79765-8538
561-5579

Company: ***Nalco Energy Services***

Well Number: East Eumont Discharge
Lease: OXY
Location:
Date Run: 5/30/2006
Lab Ref #: 06-may-n29077

Sample Temp: 70
Date Sampled: 5/30/2006
Sampled by: David Morales
Employee #: 27-019
Analyzed by: DOM

Dissolved Gases

		Mg/L	Eq. Wt.	MEq/L
Hydrogen Sulfide (H ₂ S)		53.00	16.00	3.31
Carbon Dioxide (CO ₂)	NOT ANALYZED			
Dissolved Oxygen (O ₂)	NOT ANALYZED			

Cations

Calcium (Ca ⁺⁺)		140.70	20.10	7.00
Magnesium (Mg ⁺⁺)		336.72	12.20	27.60
Sodium (Na ⁺)		1,301.99	23.00	56.61
Barium (Ba ⁺⁺)	NOT ANALYZED			
Manganese (Mn ⁺)		.09	27.50	.00

Anions

Hydroxyl (OH ⁻)		.00	17.00	.00
Carbonate (CO ₃ ⁼)		96.00	30.00	3.20
BiCarbonate (HCO ₃ ⁻)		391.04	61.10	6.40
Sulfate (SO ₄ ⁼)		405.00	48.80	8.30
Chloride (Cl ⁻)		<u>2,602.86</u>	<u>35.50</u>	<u>73.32</u>
Total Iron (Fe)		0.14	18.60	.01
Total Dissolved Solids		5,327.54		
Total Hardness as CaCO ₃		1,732.30		
Conductivity MICROMHOS/CM		11,000		

pH 8.100		Specific Gravity 60/60 F.	1.004
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CaSO ₄ Solubility @ 80 F.	19.32	MEq/L,	CaSO ₄ scale is unlikely
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CaCO₃ Scale Index

70.0	.760	100.0	1.110	130.0	1.620
80.0	.890	110.0	1.350	140.0	1.620
90.0	1.110	120.0	1.350	150.0	1.850

Nalco Energy Services



PHONE (325) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603
PHONE (505) 383-2326 • 101 E MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
OXY

ATTN: TONY SUMMERS
1017 W. STANOLIND RD.
HOBBS, NM 88240
FAX TO: (505) 397-8205

Receiving Date: 04/02/07
Reporting Date: 04/03/07
Project Number: NOT GIVEN
Project Name: EAST EUMONT UNIT #1
Project Location: NOT GIVEN

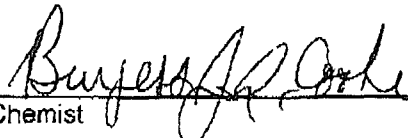
Sampling Date: 04/02/07
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: BC/HM

LAB NUMBER	SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/Kg)	DRO (>C ₁₀ -C ₂₈) (mg/Kg)	CI* (mg/Kg)
		04/02/07	04/02/07	04/03/07
H12414-1	EEU 1A	<10.0	1270	1520
H12414-2	EEU 1B	<10.0	1290	1570
H12414-3	EEU 2A	<10.0	1270	1520
H12414-4	EEU 2B	<10.0	1290	1570
Quality Control		770	794	490
True Value QC		800	800	500
% Recovery		96.3	99.2	98.0
Relative Percent Difference		0.8	4.5	0.0

TPH - 100 mg/l
CI - ~ 250 mg/l

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; CI: Std. Methods 4500-CI*

*Analyses performed on 1:4 w:v aqueous extracts.


Chemist

4/3/07
Date

H12414A

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.



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ANALYTICAL RESULTS FOR
OXY

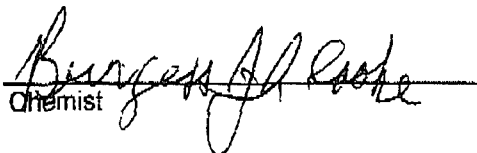
ATTN: TONY SUMMERS
1017 W. STANOLIND RD.
HOBBS, NM 88240
FAX TO: (505) 397-8205

Receiving Date: 04/02/07
Reporting Date: 04/04/07
Project Number: NOT GIVEN
Project Name: EAST EUMONT UNIT #1
Project Location: NOT GIVEN

Sampling Date: 04/02/07
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: BC

LAB NUMBER	SAMPLE ID	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS DATE		04/03/07	04/03/07	04/03/07	04/03/07
H12414-1	EEU 1A	<0.005	<0.005	<0.005	<0.015
H12414-2	EEU 1B	<0.005	<0.005	<0.005	<0.015
H12414-3	EEU 2A	<0.005	<0.005	<0.005	<0.015
H12414-4	EEU 2B	<0.005	<0.005	<0.005	<0.015
Quality Control		0.098	0.102	0.096	0.278
True Value QC		0.100	0.100	0.100	0.300
% Recovery		97.6	102	95.7	92.7
Relative Percent Difference		7.1	4.4	1.5	1.3

METHOD: EPA SW-846 8260


Chemist

4/4/07
Date

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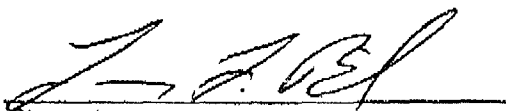
Receiving Date: 06/20/07
Reporting Date: 06/21/07
Project Number: NOT GIVEN
Project Name: NOT GIVEN
Project Location: EEU

Sampling Date: 06/20/07
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: LB/AB

LAB NUMBER	SAMPLE ID	GRO	DRO	CI*
		(C ₆ -C ₁₂) (mg/Kg)	(>C ₁₂ -C ₂₈) (mg/Kg)	CI* (mg/Kg)
ANALYSIS DATE		06/20/07	06/20/07	06/20/07
H12777-1	1N	26.8	1145	544
H12777-2	2N	<25	84.8	176
H12777-3	1G	<25	282	142
H12777-4	2S	<25	147	336
Quality Control		836	942	500
True Value QC		1000	1000	500
% Recovery		83.6	94.2	100
Relative Percent Difference		5.1	7.1	1.0

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; CI: Std. Methods 4500-CI*

*Analysis performed on a 1:4 w/v aqueous extract.


Chemist

6/21/07
Date

H12777A OXY

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ARDINAL LABORATORIES

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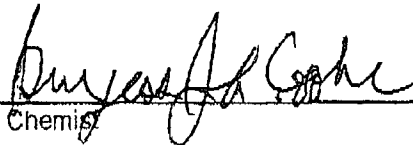
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Sample Received By: BC
Analyzed By: BC

LAB NUMBER	SAMPLE ID	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS DATE		06/20/07	06/20/07	06/20/07	06/20/07
H12777-1	1N	<0.005	<0.005	<0.005	<0.015
H12777-2	2N	<0.005	<0.005	<0.005	<0.015
H12777-3	1S	<0.005	<0.005	<0.005	<0.015
H12777-4	2S	<0.005	<0.005	<0.005	<0.015
Quality Control		0.102	0.096	0.094	0.270
True Value QC		0.100	0.100	0.100	0.300
% Recovery		102	95.7	94.2	90.0
Relative Percent Difference		2.2	3.5	1.1	0.7

METHOD: EPA SW-846 8260


Chemist

6/21/07
Date

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After Drought

5/16/07

Rain
water



After Desert

Rain
water

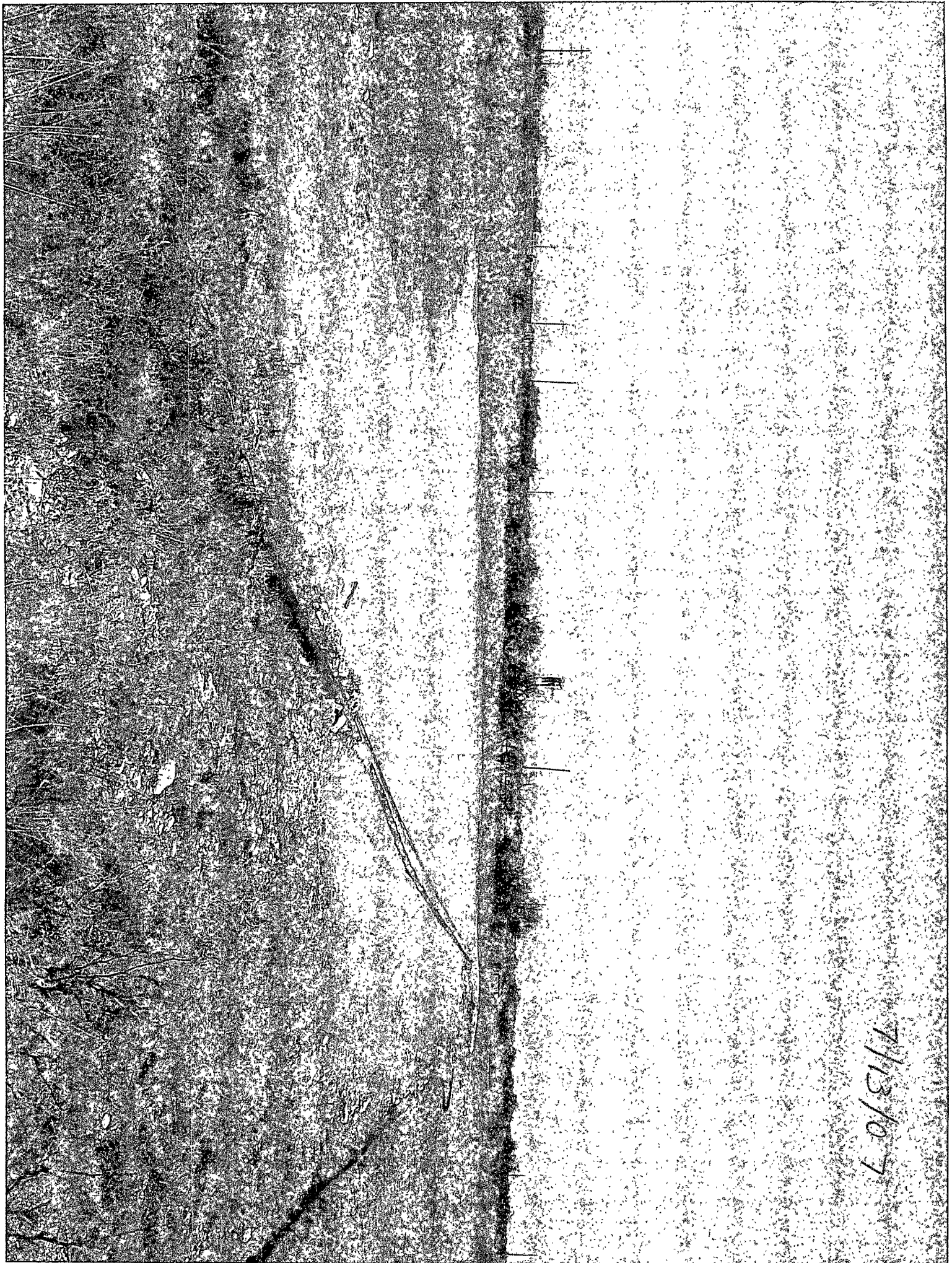
5/16/07



10/19/00







7/13/07