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

E-mail Address: Logan Hixon@xtoenergy.com

Date:

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

1220 S. St. Francis Dr., Santa Fe, NM 87505 Santa Fe, NM 87505 **Release Notification and Corrective Action** 30-045-25635 **OPERATOR** Initial Report Final Report Name of Company: XTO Energy, Inc. Contact: Logan Hixon Address: 382 Road 3100, Aztec, New Mexico 87410 Telephone No.: (505) 333-3683 Facility Type: Gas Well (Dakota) Facility Name: RP Hargrave K #1E Surface Owner: Federal Land Mineral Owner: Lease No.: NMSF-077382 LOCATION OF RELEASE Unit Letter Section Township Range Feet from the North/South Line Feet from the East/West Line County 27 N 10W **FNL** 1850 **FWL** San Juan C 16 Latitude: N36*.57835 Longitude: W-107*.90342 NATURE OF RELEASE Volume of Release: Unknown Type of Release: Produced Water Volume Recovered: None Source of Release: BGT Date and Hour of Occurrence: Date and Hour of Discovery: Unknown February 5, 2013 If YES, To Whom? Was Immediate Notice Given? ☐ Yes ☐ No ☒ Not Required RCVD APR 16'13 N/A By Whom? Date and Hour: OIL CONS. DIV. Was a Watercourse Reached? If YES, Volume Impacting the Watercourse. ☐ Yes ⊠ No DIST. 3 If a Watercourse was Impacted, Describe Fully.* Describe Cause of Problem and Remedial Action Taken.* The below grade tank was taken out of service at the RP Hargrave K #1E well site due to the plugging and abandoning of this well site. A composite sample was collected beneath the location of the on-site BGT, and submitted for laboratory analysis for TPH via USEPA Method 418.1 and 8015. Benzene and BTEX via USEPA Method 8021, and for total chlorides. The sample returned results below the 'Pit Rule' spill confirmation standards for Benzene, Total BTEX and total chlorides, but above the 'pit rule' standards for TPH, confirming that a release has occurred at this location. The site was then ranked pursuant to the NMOCD Guidelines for the Remediation of Leaks, Spills and Releases. The site was ranked a 10 due to an estimated distance of less than 1000 feet but greater than 200 feet to drainage. This set the closure standard to 1000 ppm TPH, 10 ppm benzene and 50 ppm total BTEX, or 100 ppm organic vapors. Describe Area Affected and Cleanup Action Taken.* Based on TPH results of 558 ppm via USEPA Method 418.1, it has been confirmed that a release had occurred on this location. The BGT closure composite sample returned results below the regulatory standards determined for this site pursuant to the NMOCD Guidelines for the Remediation of Leaks, Spills and Releases. All applicable analytical results are attached for your reference. 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. OIL CONSERVATION DIVISION Signature: Jaga Approved by District Supervisor: Printed Name: Logan Hixon Title: Environmental Technician **Expiration Date:**

Conditions of Approval:

Phone: 505-333-3683

NJX1313631467

Attached



12065 Lebanon Rd. Mt. Juliet, TN 37122 (615) 758-5858 1-800-767-5859 Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

Logan Hixon XTO Energy - San Juan Division 382 County Road 3100 Aztec, NM 87410

Report Summary

Tuesday February 05, 2013

Report Number: L617606 Samples Received: 01/29/13 Client Project:

Description: RP Hargrove K1E

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Entire Report Reviewed By:

Daphne Richards , ESC Representative

Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - 01157CA, CT - PH-0197, FL - E87487, GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016, NC - ENV375/DW21704/BIO041, ND - R-140. NJ - TN002, NJ NELAP - TN002, SC - 84004, TN - 2006, VA - 460132, WV - 233, AZ - 0612, MN - 047-999-395, NY - 11742, WI - 998093910, NV - TN000032011-1, TX - T104704245-11-3, OK - 9915, PA - 68-02979, IA Lab #364

Accreditation is only applicable to the test methods specified on each scope of accreditation held by ESC Lab Sciences.

Note: The use of the preparatory EPA Method 3511 is not approved or endorsed by the CA ELAP.

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Sample ID

12065 Lebanon Rd. Mt. Juliet, TN 37122 (615) 758-5858 1-800-767-5859 Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

February 05,2013

Logan Hixon XTO Energy - San Juan Division 382 County Road 3100 Aztec, NM 87410

ESC Sample # : L617606-01

Date Received : January 29, 20
RP Hargrove K1E January 29, 2013

Site ID : RP HARGROVE K1E

BGT COMPOSITE Project # :

Collected By : Logan Hixon Collection Date : 01/28/13 11:15

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Chloride	200	12.	mg/kg	9056	02/04/13	1
Total Solids	86.2	0.100	96	2540 G-2011	01/31/13	1
Benzene Toluene Ethylbenzene Total Xylene TPH (GC/FID) Low Fraction Surrogate Recovery-%	BDL BDL BDL BDL 0.79	0.0029 0.029 0.0029 0.0087 0.58	mg/kg mg/kg mg/kg mg/kg mg/kg	8021/8015 8021/8015 8021/8015 8021/8015 GRO	01/29/13 01/29/13 01/29/13 01/29/13 01/29/13	5 5 5 5 5
a,a,a-Trifluorotoluene(FID) a,a,a-Trifluorotoluene(PID)	103. 98.9		% Rec. % Rec.	8021/8015 8021/8015	01/29/13 01/29/13	5 5
TPH (GC/FID) High Fraction	BDL	4.6	mg/kg	3546/DRO	02/01/13	1
Surrogate recovery(%) o-Terphenyl	75.4		% Rec.	3546/DRO	02/01/13	1

Results listed are dry weight basis. BDL - Below Detection Limit Det. Limit - Practical Quantitation Limit(PQL)

This report shall not be reproduced, except in full, without the written approval from ESC. The reported analytical results relate only to the sample submitted Reported: 02/05/13 16:47 Printed: 02/05/13 17:29



Aztec, NM 87410

XTO Energy - San Juan Division Logan Hixon 382 County Road 3100

Quality Assurance Report Level II 12065 Lebanon Rd. Mt. Juliet, TN 37122 (615) 758-5858 1-800-767-5859 Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

L617606

February 05, 2013

		Labo	ratory E	Blank				
Analyte	Result	Uni	ts	% Rec	Limit	Bat	ch Dat	e Analyzed
Benzene	< .0005	mg/	/ka			WG6	534441 017	29/13 18:3
Ethylbenzene	< .0005		-					29/13 18:3
Toluene	< .005	mq/						29/13 18:3
TPH (GC/FID) Low Fraction	< .1	mq/	-					29/13 18:3
Total Xylene	< .0015					_		29/13 18:3
a,a,a-Trifluorotoluene(FID)	0013		Rec.	103.6	59-128			29/13 18:3
a,a,a-Trifluorotoluene(PID)			Rec.	99.23	54-144			29/13 18:3
Total Solids	< .1	96				WG	534632 01/	31/13 10:3
TPH (GC/FID) High Fraction	< 4	mg/	/ka			WG	534787 02/	01/13 11:2
o-Terphenyl			Rec.	91.90	50-150			01/13 11:2
Chloride	< 10	mg/	/kg			WG	635081 02/	04/13 13:2
			Duplicat	te				
Analyte	Units	Result	Dupli	icate RPD	Limit	Re	ef Samp	Batch
Total Solids	8	80.0	80.0	0.192	5	Le	517573-02	WG63463
		Laborato	ory Conti	col Sample				
Analyte	Units	Known \		Result	% Rec	Lir	nit	Batch
Benzene	mg/kg	.05		0.0426	85.1	76-	76-113	
Ethylbenzene	mg/kg	.05		0.0503	101.	78-	78-115	
Toluene	mg/kg	.05		0.0461	92.3	76-114		WG63444
Total Xylene	mg/kg	.15		0.149	99.3	81-118		WG63444
a,a,a-Trifluorotoluene(PID)					97.10	54-	-144	WG63444
TPH (GC/FID) Low Fraction	mg/kg	5.5		4.59	83.5	67-	-135	WG63444
a,a,a-Trifluorotoluene(FID)					98.92	59-	-128	WG63444
Total Solids	%	50		50.1	100.	85-	-115	WG63463
TPH (GC/FID) High Fraction	mq/kq	60		51.8	86.3	50-	-150	WG63478
o-Terphenyl	9, 9				90.10	50-	-150	WG63478
Chloride	mg/kg	200		207.	104.	80-	-120	WG63508
		aboratory Co	ontrol Sa	ample Duplicate				
Analyte	Units		Ref	%Rec	Limit	RPD	Limit	Batch
TPH (GC/FID) Low Fraction	mg/kg	4.63	4.59	84.0	67-135	0.820	20	WG63444
a,a,a-Trifluorotoluene(FID)				98.83	59-128			WG63444
Benzene	mg/kg	0.0409	0.0426	82.0	76-113	4.03	20	WG63444
Ethylbenzene			0.0503	100.	78-115	0.150	20	WG63444
Toluene	mg/kg		0.0461	92.0	76-114	0.220	20	WG63444
Total Xylene	mg/kg	0.152	0.149	101.	81-118	1.84	20	WG6344
a,a,a-Trifluorotoluene(PID)				98.08	54-144			WG63444
TPH (GC/FID) High Fraction	mg/kg	56.8	51.8	95.0	50-150	9.30	20	WG63478
o-Terphenyl				91.40	50-150			WG63478

^{*} Performance of this Analyte is outside of established criteria.

For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'



XTO Energy - San Juan Division Logan Hixon 382 County Road 3100

Aztec, NM 87410

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Tax I.D. 62-0814289

Est. 1970

Quality Assurance Report Level II

L617606

February 05, 2013

		Laborator	y Control	Sample Dur	olicate				
Analyte	Units	Result	Ref	%Rec	Li	ımit	RPD	Limit	Batch
Chloride	mg/kg	209.	207.	104.	80)-120	0.962	20	WG635081
			Matrix S	Spike					
Analyte	Units	MS Res	Ref Re	es TV	% Rec	Limit		Ref Samp	Batch
Benzene	mg/kg	2.24	0.800	.05	71.8	32-137		L617336-02	WG634441
Ethylbenzene	mq/kq	4.89	3.20	.05	84.4	10-150		L617336-02	WG634441
Toluene	mg/kg	5.04	3.50	.05	76.9	20-142		L617336-02	WG634441
Total Xylene	mg/kg	20.0	15.0	.15	83.1	16-141		L617336~02	WG634441
a,a,a-Trifluorotoluene(PID)					101.4	54-144			WG634441
TPH (GC/FID) Low Fraction	mg/kg	294.	150.	5.5	65.3	55-109		L617336-02	WG634441
a,a,a-Trifluorotoluene(FID)					100.9	59-128			WG634441
TPH (GC/FID) High Fraction o-Terphenyl	mg/kg	58.3	0.502	60	96.4 94.10	50-150 50-150		L617691-09	WG634787 WG634787
		Mat	rix Spike	Duplicate					
Analyte	Units	MSD	Ref	%Rec	Limit	RPD	Limit	Ref Samp	Batch
Benzene	mg/kg	2.42	2.24	81.2	32-137	8.01	39	L617336-02	WG634441
Ethylbenzene	mg/kg	5.09	4.89	94.6	10-150	4.11	44	L617336-02	WG634441
Toluene	mq/kq	5.27	5.04	88.7	20-142	4.58	42	L617336-02	WG634441
Total Xvlene	mg/kg	20.7	20.0	95.8	16-141	3.74	46	L617336-02	WG634441
a,a,a-Trifluorotoluene(PID)	,			101.7	54-144				WG634441
TPH (GC/FID) Low Fraction	mg/kg	307.	294.	71.2	55-1.09	4.35	20	L617336-02	WG634441
a,a,a-Trifluorotoluene(FID)	39			101.1	59-128				WG634441
TPH (GC/FID) High Fraction	mg/kg	59.5	58.3	98.3	50-150	1.90	20	L617691-09	WG634787
o-Terphenyl ·				97.10	50-150				WG634787

Batch number /Run number / Sample number cross reference

WG634441: R2522837: L617606-01 WG634632: R2523817: L617606-01 WG634787: R2526339: L617606-01 WG635081: R2529297: L617606-01

^{*} Calculations are performed prior to rounding of reported values.
* Performance of this Analyte is outside of established criteria.
For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'



XTO Energy - San Juan Division Logan Hixon 382 County Road 3100

Aztec, NM 87410

Quality Assurance Report Level II

L617606

12065 Lebanon Rd. Mt. Juliet, TN 37122 (615) 758-5858 1-800-767-5859 Fax (615) 758-5859

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Est. 1970

February 05, 2013

The data package includes a summary of the analytic results of the quality control samples required by the SW-846 or CWA methods. The quality control samples include a method blank, a laboratory control sample, and the matrix spike/matrix spike duplicate analysis. If a target parameter is outside the method limits, every sample that is effected is flagged with the appropriate qualifier in Appendix B of the analytic report.

Method Blank - an aliquot of reagent water carried through the entire analytic process. The method blank results indicate if any possible contamination exposure during the sample handling, digestion or extraction process, and analysis. Concentrations of target analytes above the reporting limit in the method blank are qualified with the "B" qualifier.

Laboratory Control Sample - is a sample of known concentration that is carried through the digestion/extraction and analysis process. The percent recovery, expressed as a percentage of the theoretical concentration, has statistical control limits indicating that the analytic process is "in control". If a target analyte is outside the control limits for the laboratory control sample or any other control sample, the parameter is flagged with a "J4" qualifier for all effected samples.

Matrix Spike and Matrix Spike Duplicate - is two aliquots of an environmental sample that is spiked with known concentrations of target analytes. The percent recovery of the target analytes also has statistical control limits. If any recoveries that are outside the method control limits, the sample that was selected for matrix spike/matrix spike duplicate analysis is flagged with either a "J5" or a "J6". The relative percent difference (%RPD) between the matrix spike and the matrix spike duplicate recoveries is all calculated. If the RPD is above the method limit, the effected samples are flagged with a "J3" qualifier.

Company Name/Address:		l	ing Informati	ion:	,		-	Analys	is/Cont	ainer/Pro	eservativ	D045	Chain of Custody Page of
382 County Road 3100 Aztec.NM 87410	uan Divi	F	KTO Energ Accounts F PO Box 65 Englewood	Payable									SC.
Report to: CCAN Hixon Project Description: CR Hargvance Phone: (505) 333-3100 FAX:	K#1E Client Project#:	Ema	il to: OCN - Chl/Sate Collected ESC Key	Hixon @	Dyper	44cc-						.ML Juliet Phone: (80 Phone: (61	oanon Road , TN 37122 0) 767-5859 5) 758-5858 5) 758-5859
Collected by: (print) Collected by (signature): Collected by (signature): Hitch Immediately Packed on Ice N (Y)	Nex	MUST Be Nome Day	.200% .100% .50%	Date Result Email?N FAX?N	oYes	No.	<u> </u>	120	10 V (02C)			CoCode XTORN Template/Prelogin Shipped Via:	M (lab use only)
Bot Composite	Comp/Grab	Matrix*	Depth	Date 1-28-13	Time	1-40	о Х	$\sum_{X} X$			15 Table 1	Remarks/Contaminant	Sample # (lab only)
													The second secon
*Matrix: SS - Soil/Solid GW - Groun	dwater WW - W	/asteWater D	W - Drinking	Water OT - 0	Other						pH	Tel	
Remarks: Relinquished by: (Signature)	Date:	Time:	Receiv	ed by: (Signat	ure)			S	apriples FedEx		7537 Flow via: UPS ier U	Condition:	her
Relinquished by: (Signature)	Date:	Time:	Recei	ed by: (Signat	(Signature)) <u>5</u> ,,, 2 - 1 = [8]	emp: - 3. (Date: 34/) e 🔭	Bottles Receive	CoC Seals Intact	Y N VNA



Analytical Report

Report Summary

Client: XTO Energy Inc.

Chain Of Custody Number: 15093

Samples Received: 1/28/2013 12:50:00PM

Job Number: 98031-0528 Work Order: P301063

Project Name/Location: RP Hargrave K #1E

Entire Report Reviewed By:			Date:	2/6/13	
_	Τ	im Cain	<u> </u>		

The results in this report apply to the samples submitted to Envirotech's Analytical Laboratory and were analyzed in accordance with the chain of custody document supplied by you, the client, and as such are for your exclusive use only. The results in this report are based on the sample as received unless otherwise noted. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc. If you have any questions regarding this analytical report, please don't hesitate to contact Envirotech's Laboratory Staff.



Project Name:

RP Hargrave K #1E

382 CR 3100 Aztec NM, 87410

Project Number: Project Manager: 98031-0528 Logan Hixon

Reported: 06-Feb-13 11:53

Analyical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Bgt Composite	P301063-01A	Soil	01/28/13	01/28/13	Glass Jar, 4 oz.





Project Name:

RP Hargrave K #1E

382 CR 3100 Aztec NM, 87410 Project Number: Project Manager: 98031-0528 Logan Hixon Reported:

06-Feb-13 11:53

Bgt Composite P301063-01 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Total Petroleum Hydrocarbons by 418.1									
Total Petroleum Hydrocarbons	558	9.95	mg/kg	4.00	1306005	04-Feb-13	04-Feb-13	EPA 418.1	





382 CR 3100 Aztec NM, 87410 Project Name:

RP Hargrave K #1E

Project Number:

98031-0528 Logan Hixon

Project Manager:

06-Feb-13 11:53

Reported:

Total Petroleum Hydrocarbons by 418.1 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1306005 - 418 Freon Extraction										
Blank (1306005-BLK1)				Prepared &	z Analyzed:	04-Feb-13				
Total Petroleum Hydrocarbons	ND	10.0	mg/kg					,		
Duplicate (1306005-DUP1)	Sou	rce: P301063-	01	Prepared & Analyzed: 04-Feb-13						
Total Petroleum Hydrocarbons	609	9.92	mg/kg		558			8.83	30	
Matrix Spike (1306005-MS1)	Sou	Source: P301063-01		Prepared &	2 Analyzed	04-Feb-13				
Total Petroleum Hydrocarbons	2120	9.93	mg/kg	1990	558	78.7	80-120			SP1





Project Name:

RP Hargrave K #1E

382 CR 3100 Aztec NM, 87410 Project Number: Project Manager: 98031-0528

Logan Hixon

Reported:

06-Feb-13 11:53

Notes and Definitions

SP1 The spike recovery for this QC sample is outside of control limits.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference



15093 CHAIN OF CUSTODY RECORD ₹ Client: Project Name / Location: ANALYSIS / PARAMETERS RP Hargrave K#12E Email results to: BTEX (Method 8021) VOC (Method 8260) TPH (Method 8015) Logan Hixon OXTO energy con Client Phone No.: RCRA 8 Metals CO Table 910-1 TCLP with H/P Cation / Anion Client No.: Sample Intact 00 00 TPH (418.1) CHLORIDE S 386 8018 98031-0578 Sample Preservative Sample No./Volume 낊 Sample No./ Identification Lab No. Date of Containers HaClo HCI Time 1-28-13/11:15 -402 64140 P301063-01A Date Time Relinquished by: (Signature) Date Time Received by: (Signature) Jam -2843 12:50 Relinquished by: (Signature) Received by: (Signature) Sample Matrix Soil M Solid □ Sludge □ Aqueous □ Other □ ☐ Sample(s) dropped off after hours to secure drop off area. envirotech 5795 US Highway 64 • Farmington, NM 87401 • 505-632-0615 • Three Springs • 65 Mercado Street, Suite 115, Durango, CO 81301 • laboratory@envirotech-inc.com

XTO Energy, Inc. RP Hargrave K #1E Section 16 (C), Township 27N, Range 10W Closure Date March 21, 2013

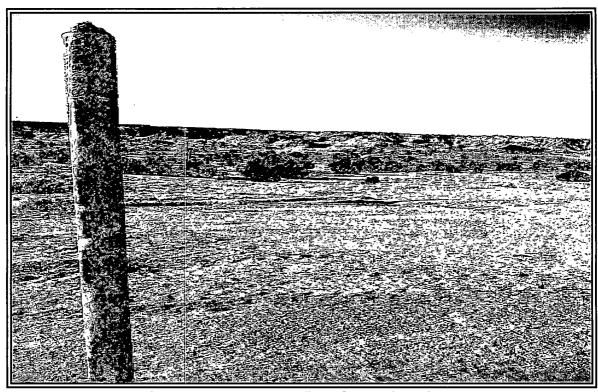


Photo 1: RP Hargrave K #1E after Reclamation.

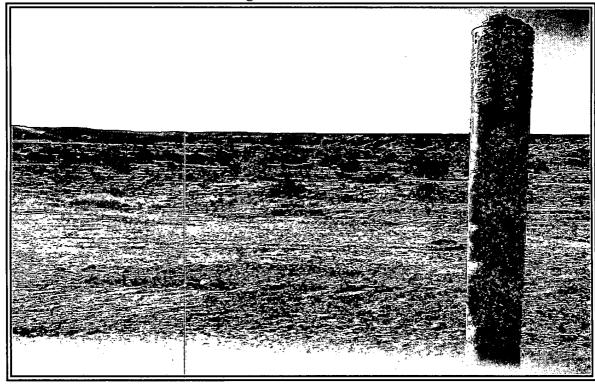


Photo 2: RP Hargrave K #1E after Reclamation.

XTO Energy, Inc. RP Hargrave K #1E Section 16 (C), Township 27N, Range 10W Closure Date March 21, 2013

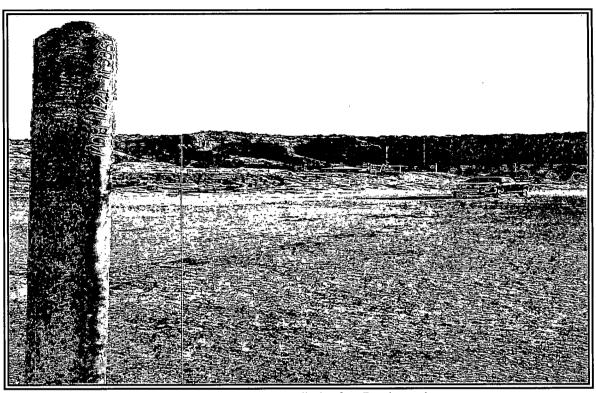


Photo 3: RP Hargrave K #1E after Reclamation.



Photo 4: RP Hargrave K #1E after Reclamation.