

**Bratcher, Mike, EMNRD**

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**From:** Cliff P. Brunson [cbrunson@bbcinternational.com]  
**Sent:** Saturday, September 17, 2011 4:18 PM  
**To:** Bratcher, Mike, EMNRD  
**Cc:** Dusty Wilson; C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis  
**Subject:** Oxy Winston Gas Com #4 SWD  
**Attachments:** Oxy-Winston Gas Com #4 SWD-Site drawing and lab data.pdf; Oxy-Winston Gas Com #4 SWD-Site Pictures.pdf

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Mike,

This e-mail is to confirm our discussion on September 13, 2011 concerning the remediation plan for the release that occurred at the Oxy Winston Gas Com #4 SWD. As agreed, Oxy will hand excavate 6 inches of the impacted soil in the spill area inside the building where possible due to multiple lines and equipment existing in the spill area in the building. The excavation will then be backfilled with clean soil. The depth to groundwater in this area is approximately 30 to 50 feet.

I have attached the site drawing and laboratory data and a few pictures that we reviewed during our discussion for your files. If you would please reply back via e-mail with your concurrence of this remediation plan, it would be greatly appreciated.

Oxy and I thank you for your assistance in handling this matter.

Thanks, Cliff

Cliff Brunson, CEI, CRS  
President  
BBC International, Inc.  
World-Wide Environmental Specialists  
Mailing Address:  
P. O. Box 805  
Hobbs, NM 88241-0805 USA  
Shipping Address  
1324 W. Marland St.  
Hobbs, NM 88240 USA  
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OKT USA WTP LIMITED

**PARTNERSHIP**

WINSTON #4 SWD

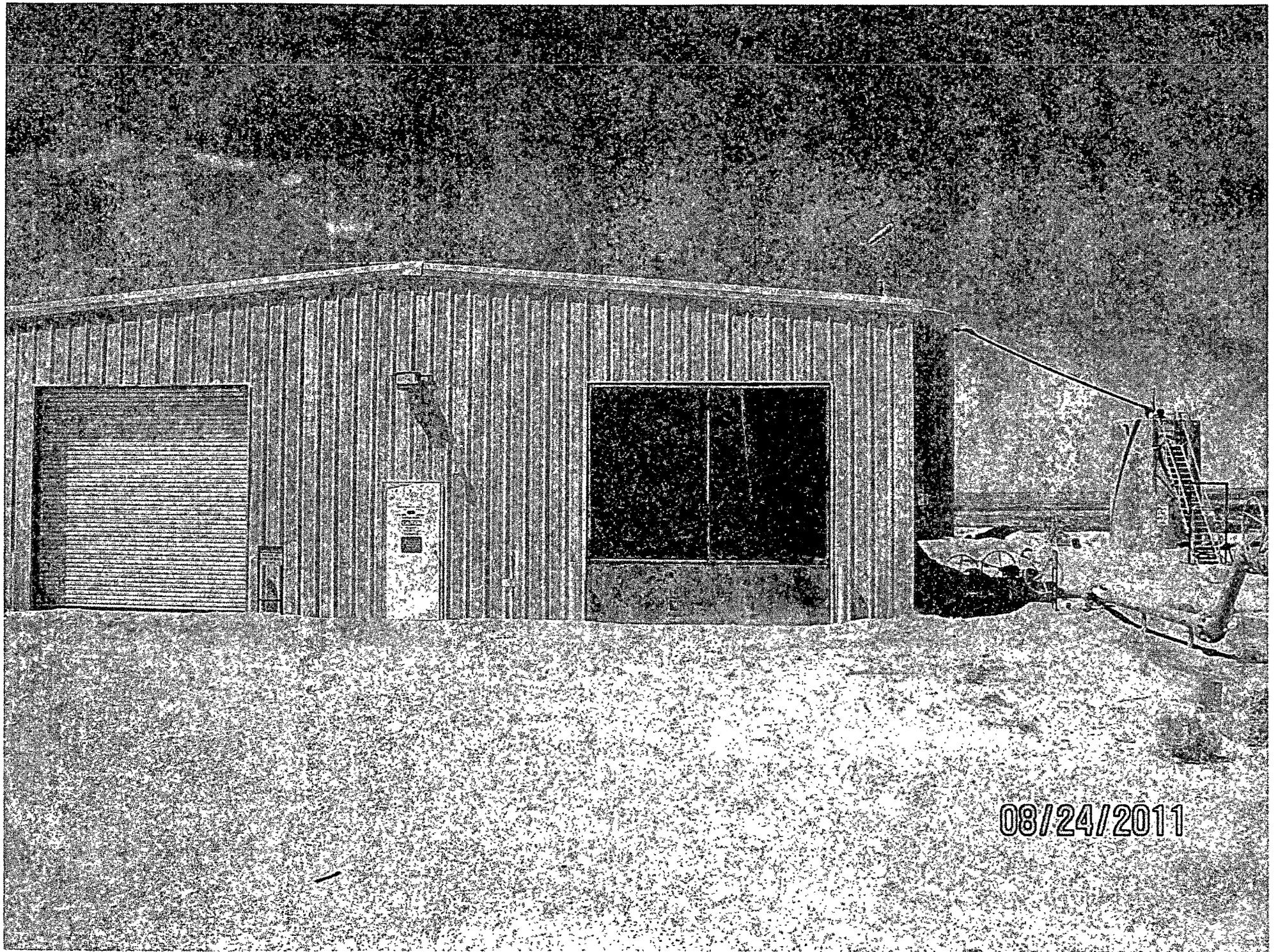
LOT 2, SEC. 31-T21S-R24E

1535' ENL & 660' FWL

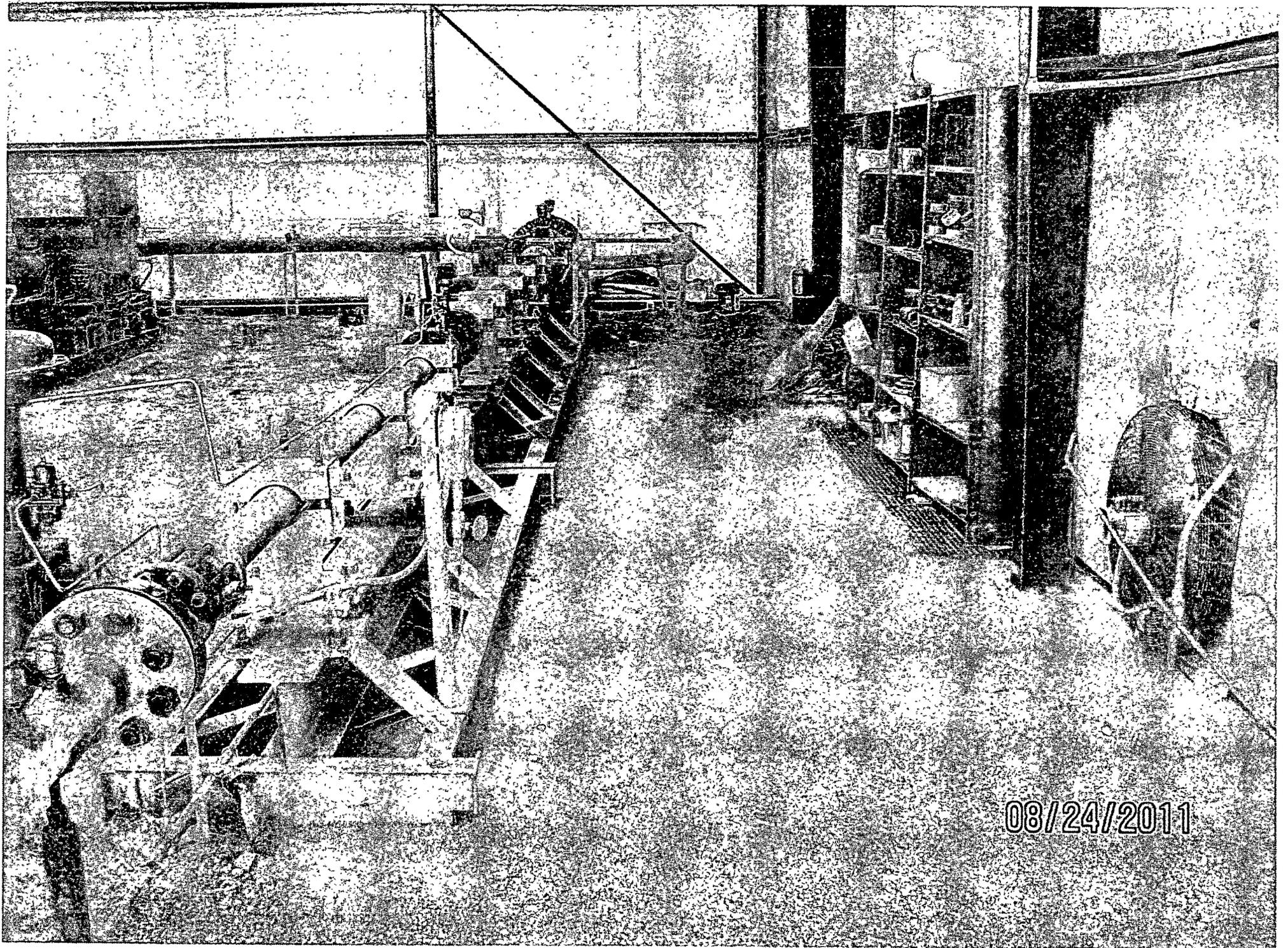
EDDY COUNTY, NEW MEXICO

API #30-015-30337

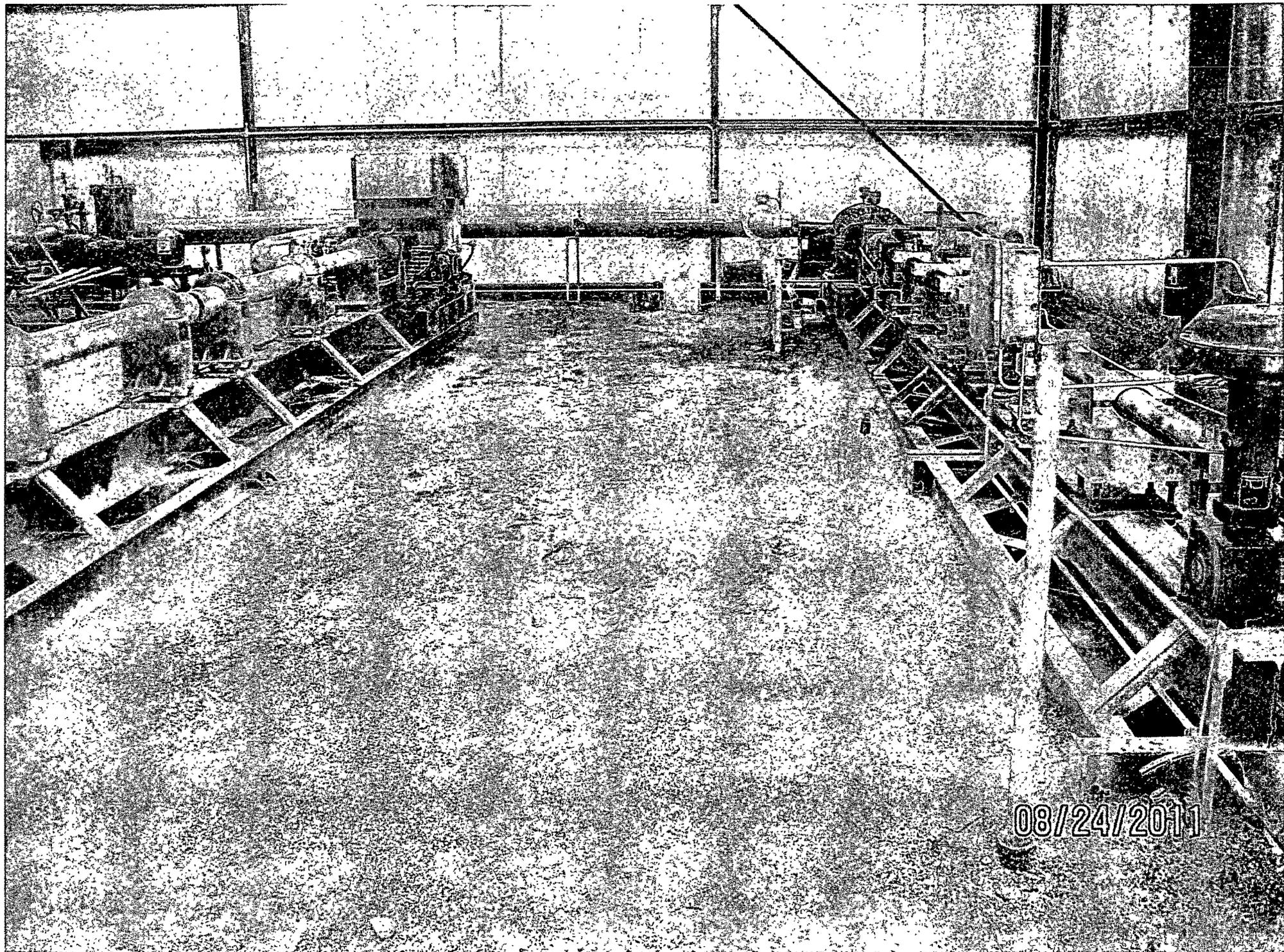
08/24/2011



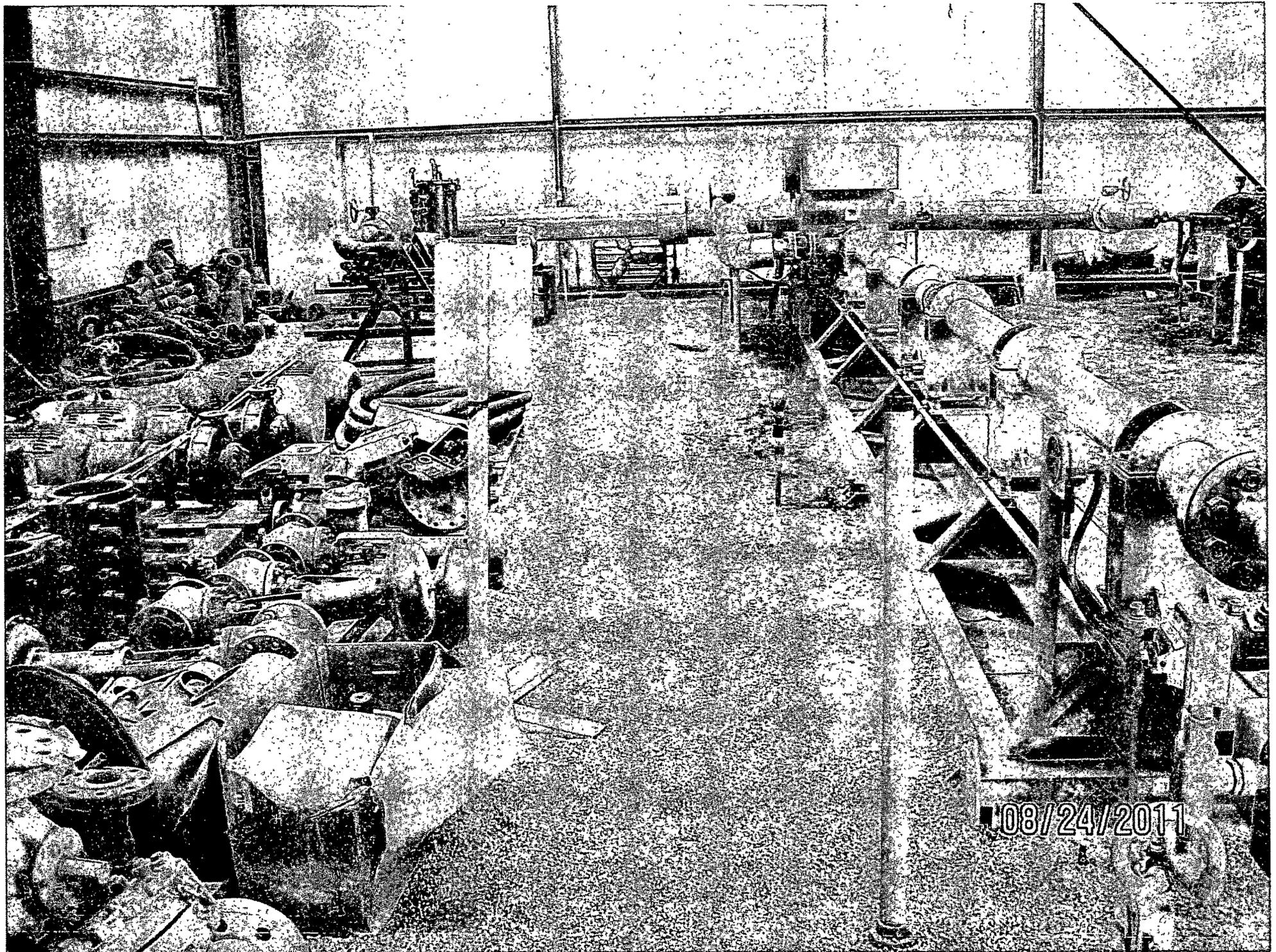
08/24/2011



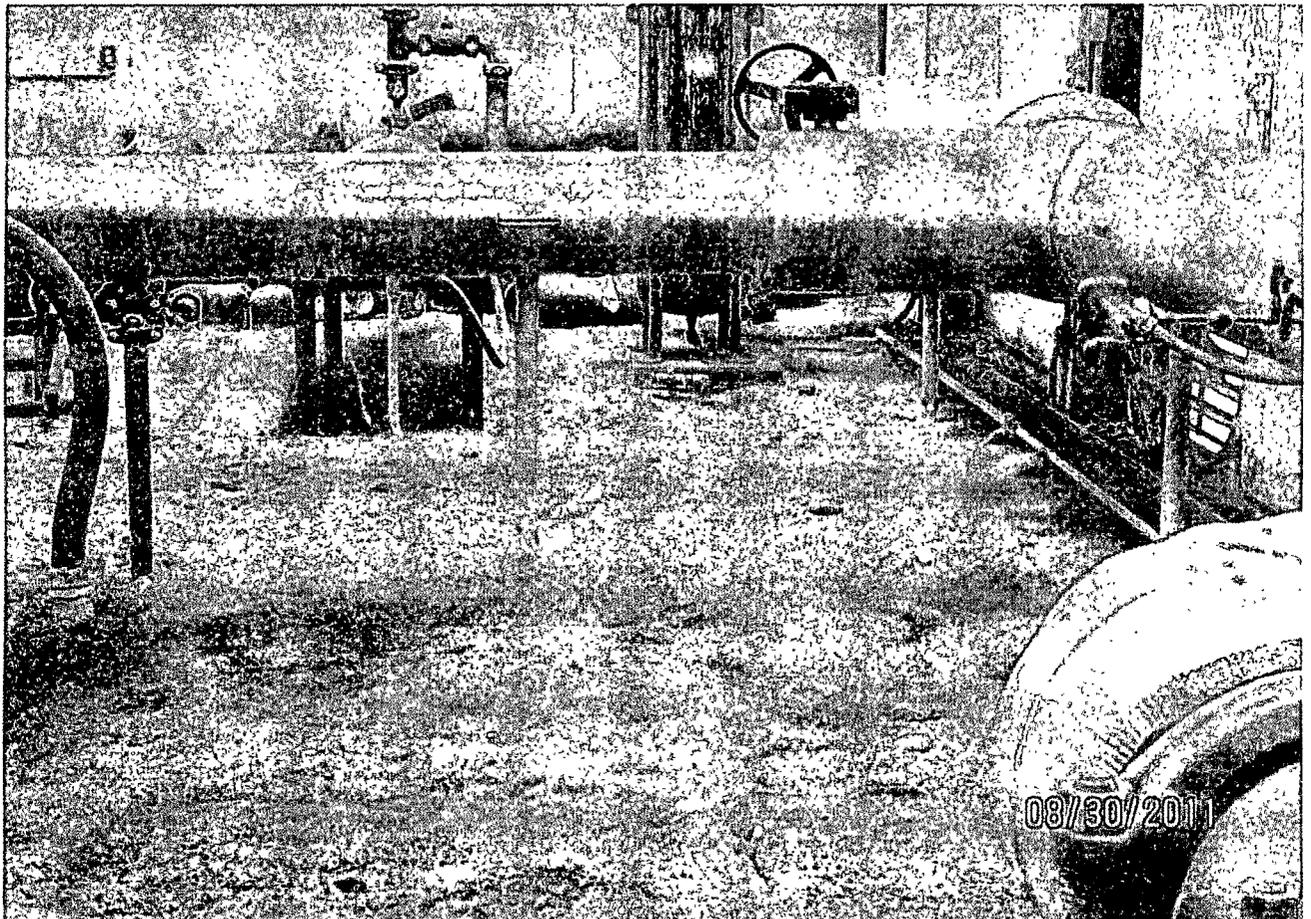
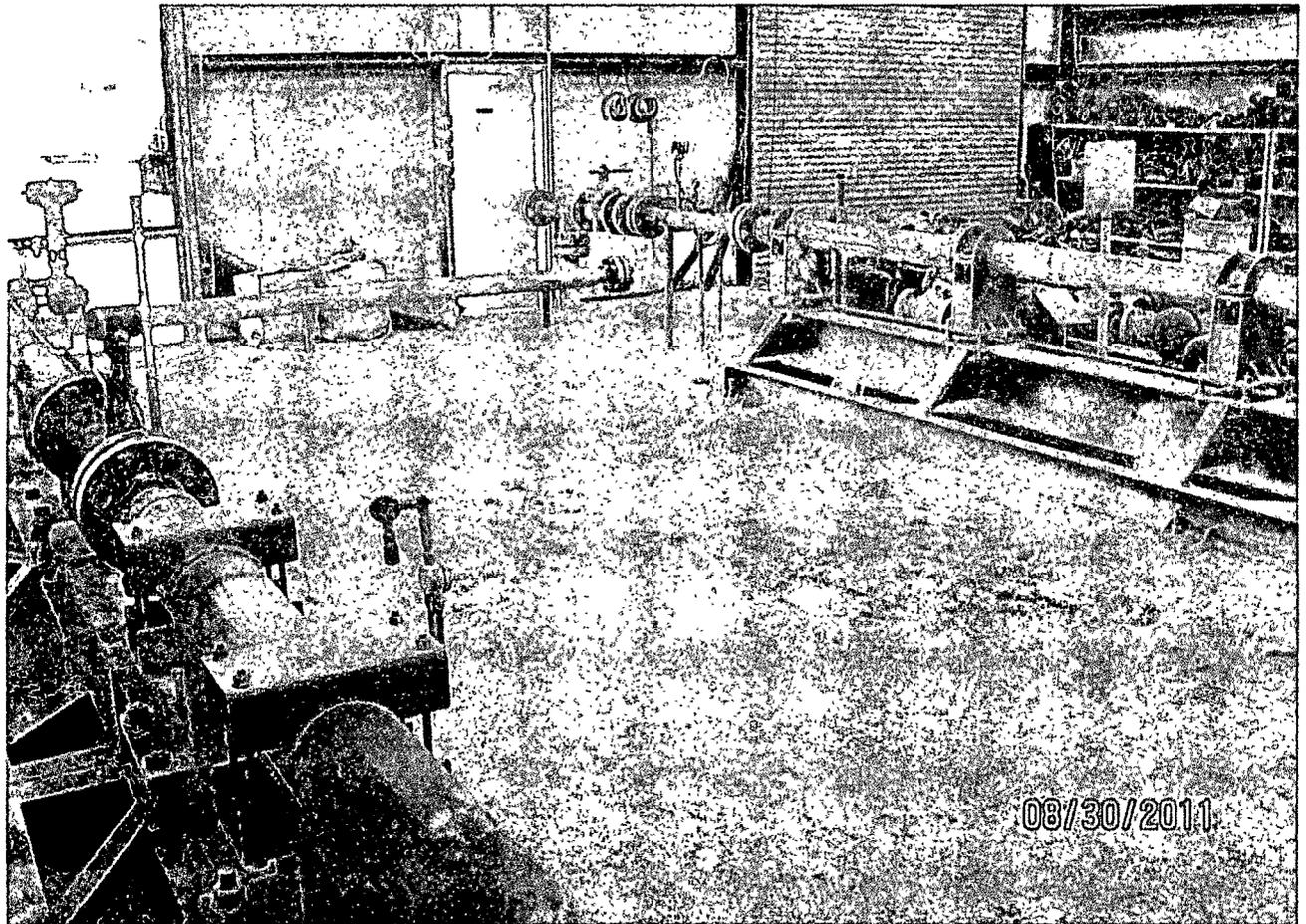
08/24/2011



08/24/2011

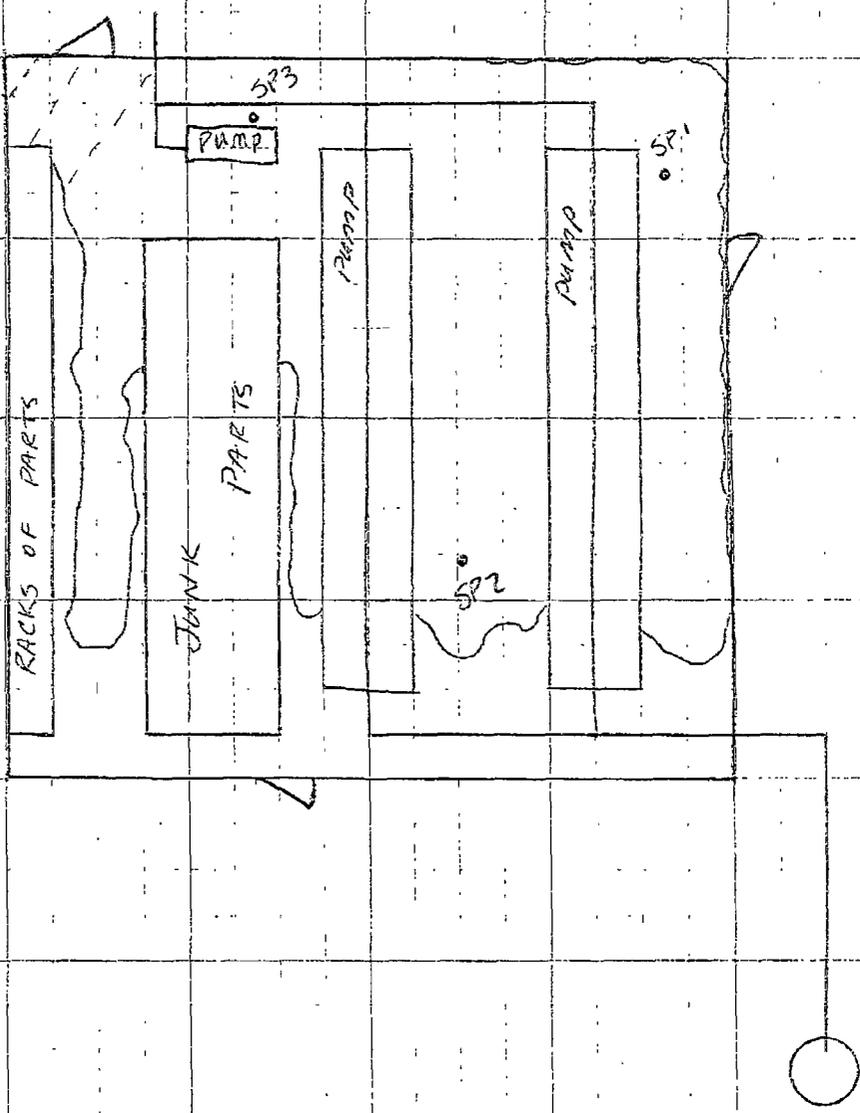


08/24/2011



Oxy Winston #4 SWD

8-30-11



Submitted 9/1/11



September 02, 2011

Cliff Brunson  
BBC International, Inc.  
P.O. Box 805  
Hobbs, NM 88241

RE: WINSTON #4 SWD

Enclosed are the results of analyses for samples received by the laboratory on 09/01/11 8:40.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method SW-846 8260	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method TX 1005	Total Petroleum Hydrocarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene  
Lab Director/Quality Manager

**Analytical Results For:**

 BBC International, Inc.  
 Cliff Brunson  
 P.O. Box 805  
 Hobbs NM, 88241  
 Fax To: (505) 397-0397

Received:	09/01/2011	Sampling Date:	08/30/2011
Reported:	09/02/2011	Sampling Type:	Soil
Project Name:	WINSTON #4 SWD	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	CARLSBAD, NM		

**Sample ID: SP 1 SURFACE (H101859-01)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2280	16.0	09/01/2011	ND	416	104	400	0.00		

**Sample ID: SP 1 @ 2FT (H101859-02)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	512	16.0	09/01/2011	ND	416	104	400	0.00		

**Sample ID: SP 1 @ 4FT (H101859-03)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	736	16.0	09/02/2011	ND	416	104	400	7.41		

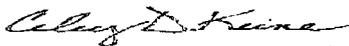
**Sample ID: SP 1 @ 6 FT (H101859-04)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	336	16.0	09/02/2011	ND	416	104	400	7.41		

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 BBC International, Inc.  
 Cliff Brunson  
 P.O. Box 805  
 Hobbs NM, 88241  
 Fax To: (505) 397-0397

Received:	09/01/2011	Sampling Date:	08/30/2011
Reported:	09/02/2011	Sampling Type:	Soil
Project Name:	WINSTON #4 SWD	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	CARLSBAD, NM		

**Sample ID: SP 2 SURFACE (H101859-05)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	11400	16.0	09/02/2011	ND	416	104	400	7.41		

**Sample ID: SP 2 @ 1 FT (H101859-06)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	592	16.0	09/02/2011	ND	416	104	400	7.41		

**Sample ID: SP 2 @ 2 FT (H101859-07)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	09/02/2011	ND	416	104	400	7.41		

**Sample ID: SP 3 SURFACE (H101859-08)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	5680	16.0	09/02/2011	ND	416	104	400	7.41		

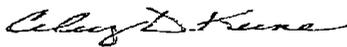
**Sample ID: SP 3 @ 2 FT (H101859-09)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	896	16.0	09/02/2011	ND	416	104	400	7.41		

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\* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 BBC International, Inc.  
 Cliff Brunson  
 P.O. Box 805  
 Hobbs NM, 88241  
 Fax To: (505) 397-0397

Received:	09/01/2011	Sampling Date:	08/30/2011
Reported:	09/02/2011	Sampling Type:	Soil
Project Name:	WINSTON #4 SWD	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	CARLSBAD, NM		

**Sample ID: SP 3 @ 4 FT (H101859-10)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	720	16.0	09/02/2011	ND	416	104	400	7.41		

**Sample ID: SP 3 @ 7 FT (H101859-11)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	544	16.0	09/02/2011	ND	416	104	400	7.41		

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Celey D. Keene, Lab Director/Quality Manager

**Notes and Definitions**

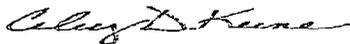
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- \*\* Samples not received at proper temperature of 6°C or below.
- \*\*\* Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C  
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager





**CARDINAL LABORATORIES**  
 101 East Marland, Hobbs, NM 88240  
 (505) 393-2326 FAX (505) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.		<b>BILL TO</b>				<b>ANALYSIS REQUEST</b>																				
Project Manager: Cliff Brunson		P.O. #:																								
Address: P.O. Box 805		Company:																								
City: Hobbs State: NM Zip: 88241		Attn:																								
Phone #: 575-397-6388 Fax #: 575-397-0397		Address:																								
Project #: Project Owner: Oxy		City:																								
Project Name: Winston #4 SUD		State: Zip:																								
Project Location: Carlsbad, NM		Phone #:																								
Sampler Name: JORDAN WOODFIN		Fax #:																								
FOR LAB USE ONLY																										
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	% CONTAINERS	MATRIX			PRESERV.	SAMPLING																		
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER.	ACID/BASE	ICE / COOL	OTHER.	DATE	TIME												
H101859	-11 SP3 @ 7 FT	3			X					X			8-30-11	1350												

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Relinquished By: Jordan Woodfin	Date: 8/31/11	Received By: [Signature]	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
	Time: 1:00		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Relinquished By: [Signature]	Date: 9/1/11	Received By: Jodi Merson	REMARKS: EMAIL ALL	
	Time: 3:30			
Delivered By: (Circle One)	Sampler - UPS - Bus - Other:	Sample Condition	CHECKED BY: [Signature]	
		Cool Intact		
		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
		<input type="checkbox"/> No <input type="checkbox"/> Yes		

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

#36