

Bratcher, Mike, EMNRD

From: Cliff P. Brunson <cbrunson@bbcinternational.com>
Sent: Tuesday, January 22, 2013 8:37 AM
To: Bratcher, Mike, EMNRD
Cc: C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject: Oxy-Amax 24 #8 Central Tank Battery-Remediation Plan
Attachments: Remediation Packet- Amax 24-8.pdf

Mike,

This e-mail is to confirm our discussion on January 14, 2013 concerning the remediation plan for the release that occurred at the Oxy Amax 24 #8 Central Tank Battery. I have attached the site drawing and the summary of the laboratory data we reviewed during our discussion for your files. As agreed, Oxy will excavate 2 feet in the areas covered by SP1, SP2, and SP3 and will excavate to 1 foot in depth in the areas covered by SP4 and SP5. In the area of SP6, Oxy will excavate to 3 feet and then will take confirmation sidewall samples and analyze the samples for TPH, BTEX, and Chloride. In the areas of SP7, SP8, and SP9, Oxy will excavate 6 inches in depth. The site will then be backfilled with clean soil. The depth to groundwater in this area is approximately 200 feet.

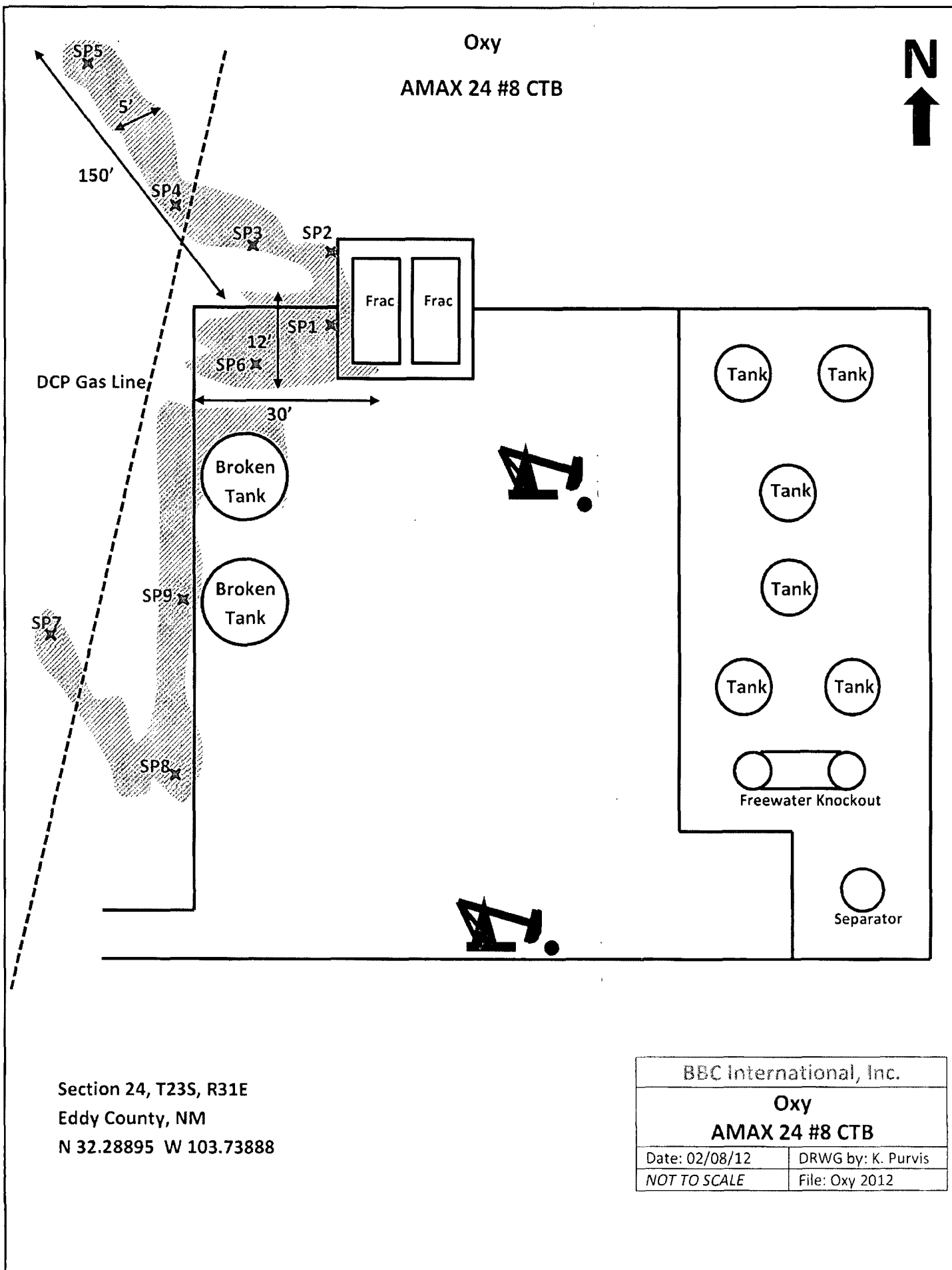
If you would please reply back via e-mail with your concurrence of this remediation plan, it would be greatly appreciated.

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

Thanks, Cliff

Cliff P. 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
Phone: (575) 397-6388
Fax: (575) 397-0397
E-Mail: cbrunson@bbcinternational.com

Confidentiality Notice: This electronic transmission (and any attached documents) is intended only for the person(s) to whom it is addressed and may contain information that is privileged, confidential, or otherwise protected from disclosure. If you have received this transmission in error, please immediately notify the sender by e-mail or by telephone call to (575) 397-6388 for handling instructions. Any disclosure or distribution of the contents of this transmission by anyone other than the named recipient(s) is strictly prohibited.



Section 24, T23S, R31E
Eddy County, NM
N 32.28895 W 103.73888

BBC International, Inc.	
Oxy AMAX 24 #8 CTB	
Date: 02/08/12	DRWG by: K. Purvis
NOT TO SCALE	File: Oxy 2012

Laboratory Analytical Results Summary
Amax 24 #8 CTB

		Sample	SP1 @ Surface	SP1 @ 2 ft	SP1 @ 3 ft	SP2 @ Surface	SP2 @ 2 ft	SP3 @ Surface	SP3 @ 2 ft	SP3 @ 5 ft	SP3 @ 8 ft	SP3 @ 9 ft	SP3 @ 10 ft
Analyte	Method	Date	4/4/12	4/4/12	4/4/12	4/4/12	4/4/12	4/4/12	4/4/12	4/4/12	4/4/12	4/4/12	4/5/12
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050	<0.050	0.793	<0.050	0.175	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050	1.23	<0.050	1.27	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	5.05	<0.150	5.48	<0.150	<0.150	<0.150	<0.150	<0.150
Chloride	SM4500CI-B		864	128	1280	48.0	6960	<16.0	880	2760	160	128	80.0
GRO	TPH 8015M		<10.0	<10.0	<10.0	98.4	<10.0	367	<10.0	<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		59.5	195	123	159	<10.0	16000	38.5	140	<10.0	<10.0	<10.0

		Sample	SP4 @ Surface	SP4 @ 2 ft	SP4 @ 5 ft	SP4 @ 7 ft	SP5 @ Surface	SP5 @ 2 ft	SP5 @ 4 ft	SP5 @ 6 ft	SP6 @ Surface	SP6 @ 2 ft	SP6 @ 5 ft	SP6 @ 8 ft	SP6 @ 10 ft
Analyte	Method	Date	4/6/12	4/6/12	4/6/12	4/6/12	4/5/12	4/5/12	4/5/12	4/5/12	4/5/12	4/5/12	4/5/12	4/5/12	4/6/12
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		0.272	<0.050	<0.050	<0.050	0.212	<0.050	<0.050	<0.050	0.589	<0.050	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		1.78	<0.050	<0.050	<0.050	1.56	<0.050	<0.050	<0.050	2.14	<0.050	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		7.24	<0.150	<0.150	<0.150	6.91	<0.150	<0.150	<0.150	8.52	<0.150	<0.150	<0.150	<0.150
Chloride	SM4500CI-B		<16.0	<16.0	32.0	128.0	<16.0	16.0	32.0	80.0	1760	1640	1870	2800	80.0
GRO	TPH 8015M		380	<10	<10	<10	473	<10.0	<10.0	<10.0	480	<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		15500	35.7	24.8	<10	18800	<10.0	<10.0	<10.0	13600	37.5	<10.0	23.2	<10.0

2nd sampling event		Sample	SP7 @ Surface	SP7 @ 1'	SP7 @ 3'	SP8 @ Surface	SP8 @ 1'	SP8 @ 3'	SP9 @ Surface	SP9 @ 1'	SP9 @ 3'
Analyte	Method	Date	4/9/12	4/9/12	4/9/12	4/9/12	4/9/12	4/9/12	4/9/12	4/9/12	4/9/12
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050	0.085	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		0.447	<0.150	<0.150	0.571	<0.150	<0.150	<0.150	<0.150	<0.150
Chloride	SM4500CI-B		32	<16.0	48	16.0	<16.0	32	16	<16.0	48
GRO	TPH 8015M		62.5	<10.0	<10.0	76.6	<10.0	<10.0	<100	<10.0	<10.0
DRO	TPH 8015M		7890	171	76.1	8000	135	161	4690	91.5	22.4

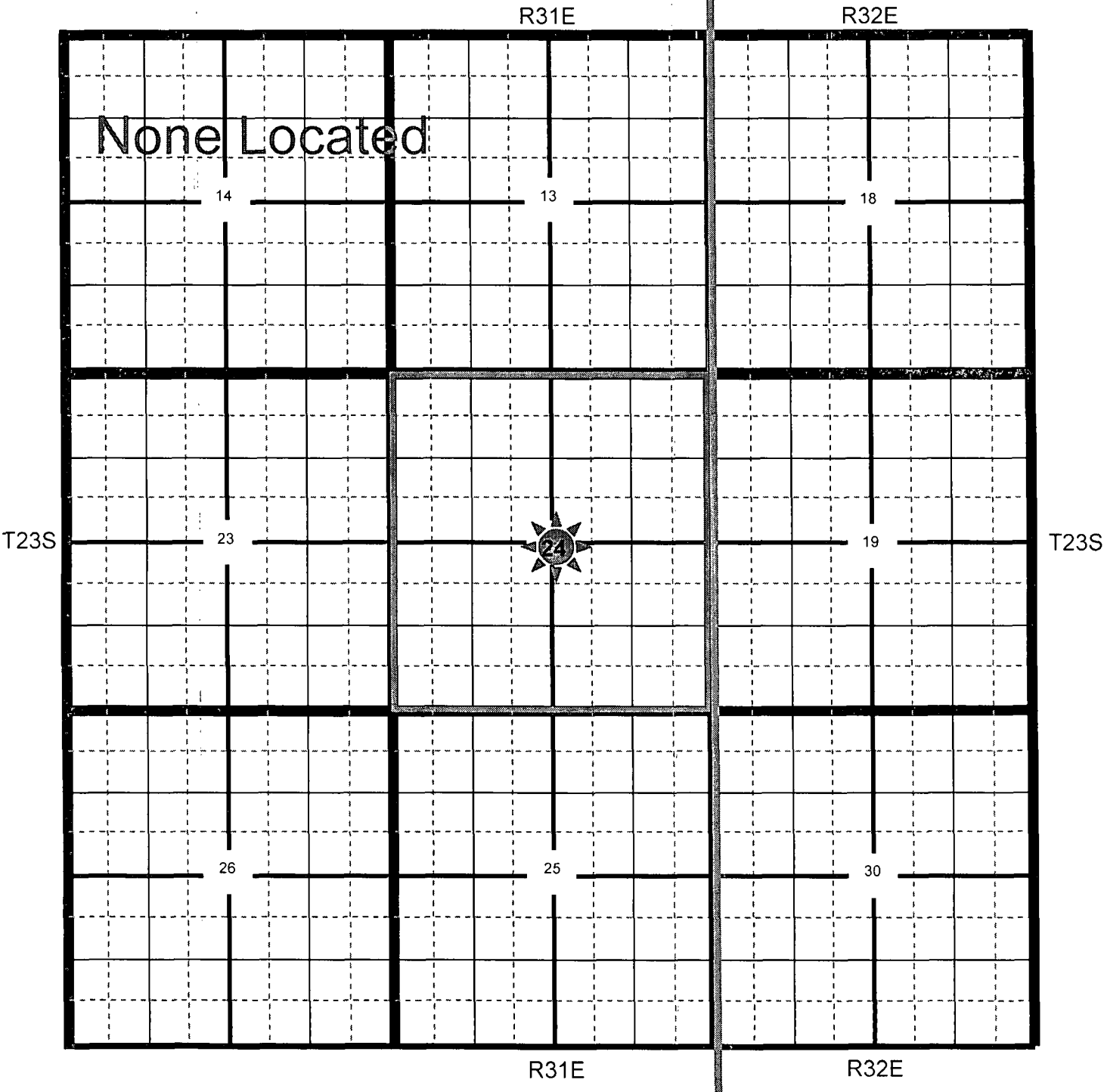
Confirmation Chloride Sampling		Sample	SP1 @ 4'	SP1 @ 5'	SP2 @ 3'	SP2 @ 4'
Analyte	Method	Date	9/10/12	9/10/12	9/10/12	9/10/12
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
Chloride	SM4500CI-B		<16.0	<16.0	<16.0	>16.0



Groundwater Plot
Oxy AMAX 24 #8 CTB

County	Unit Letter	Section	Township	Range
Eddy		24	23S	31E

Trend Map 200'



★ Location ● OCD ● USGS ● SEO ● All Databases

Section Quarters

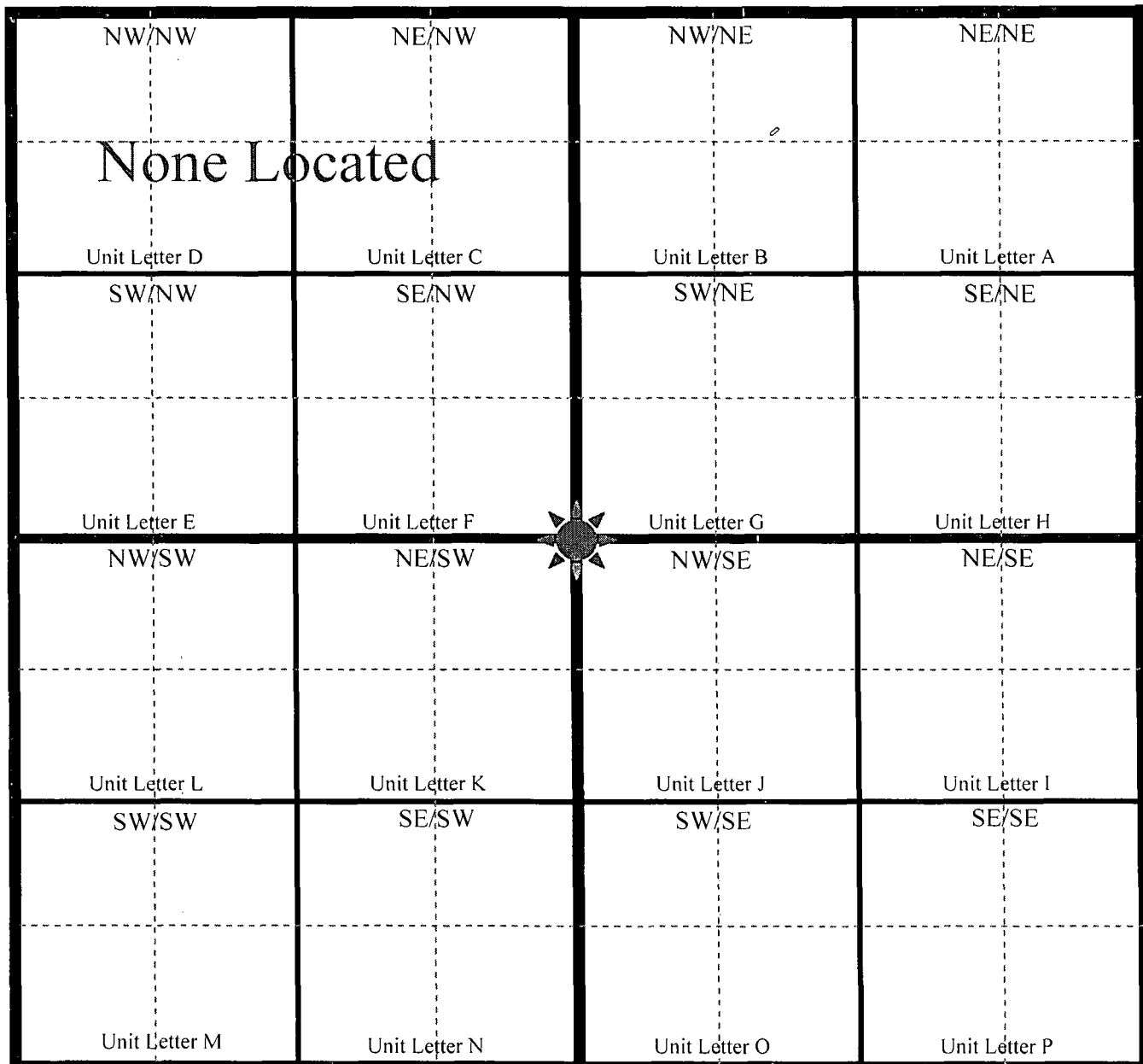
Oxy AMAX 24 #8 CTB

County Eddy Unit Letter Section 24 Township 23S Range 31E

Trend Map 200'

1

2



3

4

⊙ Location

⊙ OCD

⊙ USGS

⊙ SEO

⊙ All Databases

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	Oxy Permian Ltd.	Contact	Chancey Summers
Address	1017 W. Stanolind Road; Hobbs, NM 88240	Telephone No.	575-397-8216
Facility Name	AMAX 24 #8 CTB	Facility Type	Gathering

Surface Owner	BLM	Mineral Owner		Lease No.	
---------------	-----	---------------	--	-----------	--

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
	24	23S	31E					Eddy County, NM

Latitude 32.28895

Longitude 103.73888

NATURE OF RELEASE

Type of Release	Oil & Produced water	Volume of Release	30 bbls	Volume Recovered	0 bbls
Source of Release	End Cap Leak on rental Frac Tank	Date and Hour of Occurrence	01/24/2012 @ 9:35 a.m.	Date and Hour of Discovery	
Was Immediate Notice Given?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?			
By Whom?	Chancey Summers	Mike Bratcher-OCD, James Amos- BLM			
Was a Watercourse Reached?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Date and Hour 02/16/2012 @ 11:33 a.m.			
		If YES, Volume Impacting the Watercourse.			

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*


A failure of the end cap on a frac tank caused 30 bbls of oil and produced water to leak. The end cap was replaced.

Describe Area Affected and Cleanup Action Taken.*

Remediate to NMOCD guidelines.

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: 	Approved by District Supervisor:		
Printed Name: Chancey Summers			
Title: HES Specialist	Approval Date:	Expiration Date:	
E-mail Address: chancey.summers@oxy.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date: 3-22-12	Phone: (575) 397-8216		

* Attach Additional Sheets If Necessary