

January 28, 2025

District Supervisor Oil Conservation Division, District 2 506 W. Texas Artesia, New Mexico 88210

Re: **Closure Request** JR Oil, Ltd. Co. South Mattix Unit Federal #030 Stuffing Box Release Unit Letter P, Section 15, Township 24 South, Range 37 East Lea County, New Mexico Incident ID# nGRL1013134687

Sir or Madam.

1RP-2517

Tetra Tech, Inc. (Tetra Tech) was contacted by JR Oil, Ltd. Co. (JR Oil) to evaluate a historical release and subsequent remedial actions performed at the South Mattix Unit Federal #030 release site (associated with API No. 30-025-25747). This historical release was initially associated with OCCIDENTAL PERMIAN LTD (Oxy), however, ownership of the well appears to have been transferred to J R Oil, Ltd. Co. on March 31. 2021. The release footprint is located in Public Land Survey System (PLSS) Unit Letter P, Section 15, Township 24 South, Range 37 East, in Lea County, New Mexico (Site), The initial C-141 does not list geographic coordinates. Based on the text within the C-141 and photographic documentation provided by JR Oil, the release point is located at the approximate geographic coordinates of 32.211049°, -103.143345°. The approximate location of the release is shown on Figures 1 and 2.

BACKGROUND

According to the NMOCD C-141 Initial Report, the release was discovered on January 2, 2010. The release was a result of a stuffing box failure due to weather conditions. The release consisted of 10 barrels (bbls) of crude oil and 10 bbls of produced water of which 9 bbls of produced water and 6 bbls of crude oil were recovered. According to the C-141, a vacuum truck was utilized to recover the remaining freestanding fluid.

The NMOCD approved the initial C-141 on May 11, 2010, and subsequently assigned the release the Remediation Permit (RP) number 1RP-2517. The initial C-141 form is included in Appendix A.

2010 BBC WORK PLAN

Following the C-141 notification, BBC International, Inc (BBC) was contracted by Oxy to complete the assessment and remediation of the South Mattix Unit Federal #030 Stuffing Box Release.

Based on the available online imaging files associated with 1RP-2517, it appears that BBC generated a Work Plan, dated July 26, 2010, based on data collected from the release Site. Based on available documentation, it appears BBC sampled a total of ten (10) locations for assessment and delineation, in several separate mobilizations. On January 15, 2010, eight (8) locations (SP1 through SP8) were selected to collect surface soil samples from surface soils. Eight (8) soil samples from the January 2010 event were submitted to Cardinal Laboratories in Hobbs, New Mexico. Analytical laboratory results associated with the January 2010 sampling event contain elevated chloride content.

Tetra Tech

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JR Oil, Ltd. Co.

On February 1, 2010, BBC returned to the Site to collect additional soil samples from sample locations SP1 through SP8, extending to a maximum depth of 8 feet below ground surface (bgs). A total of thirteen (13) samples were collected from depths ranging from 3 to 12 feet bgs from sample locations (SP3, SP4, SP7, and SP8) and submitted to Cardinal Laboratories in Hobbs, New Mexico.

Analytical results associated with the February 2010 sampling event indicated elevated chloride levels in collected soil samples. BBC returned to the Site on April 20 and May 10, 2010 to collect two (2) soil samples from two new soil boring locations (SB1 and SB2) at 15 feet bgs. Soil samples associated with the April and May sampling events were submitted to Cardinal Laboratories in Hobbs, New Mexico and did not contain elevated chloride levels. Table 1 provides a summary of the analytical results from the assessment. Sample locations from the initial assessment and delineation are depicted in Figure 3.

A hand-drawn map indicating sample locations, an approximate release extent, and rudimentary Site map are included in the BBC Work Plan. Written on the map is a note, which states "Proposed to OCD: 3' excavation with liner". Laboratory Analytical reports from the 2010 sampling events are included as well.

The NMOCD website contains a record of correspondence between Cliff Brunson of BBC and Geoffrey Leking, Environmental Engineer of NMOCD-Hobbs. In April 2011, Geoffrey Leking gave approval for the Work Plan to excavate down to 3 feet bgs, install a liner, and backfill with clean soils. Conversations between BBC and the NMOCD were ongoing up to the point at which approval was provided by the NMOCD for remedial activities.

REMEDIAL COMPLETION

Based on available data, BBC preemptively began work at the Site, from July 11, 2010 through July 21, 2010. Photographic documentation indicates that BBC was onsite to conduct remedial activities. The section of the release footprint on pad, adjacent to oil-gas equipment and infrastructure, was hand-dug to remove visually impacted soils. The section of the release footprint located on the lease road was excavated to 3 feet below ground surface. Once the excavation was completed, a plastic liner was installed across the floor the excavation. The excavation was then backfilled with clean soils and graded to match the surrounding natural contours of the landscape. During correspondence between Tetra Tech and JR Oil, evidence of the remedial activities are provided in a photo log generated by BBC, with dated photos of hand-dig activities, machine excavation, liner installment, and backfill activities. The photolog is attached in Appendix C.

CONCLUSION

Release assessment and remediation activities completed for Incident ID nGRL1013134687 are well documented. Copies of the BBC Work Plan and regulatory correspondence were located on the NMOCD imaging website for 1RP-2517. Analytical lab results were provided by an accredited laboratory. Photographic documentation of remedial activities confirms approved actions performed to address the incident.

According to the OCD Permitting website the incident status for incident ID nGRL1013134687 is "Remediation Plan Approved, Pending submission of Remediation Closure Report from the operator". Based on the available information on remedial actions, JR Oil respectfully requests closure of incident nGRL1013134687.

Closure Request January 28, 2025

JR Oil, Ltd. Co.

Completed C-141 forms are enclosed in Appendix A for your convenience. If you have any questions concerning the remedial activities conducted at the Site, please call me at (509) 768-2191.

Sincerely,

Tetra Tech, Inc.

Sam Chama, P.G. Project Geologist

Christian M, Llull, P.G. Program Manager

Closure Request January 28, 2025

JR Oil, Ltd. Co.

LIST OF ATTACHMENTS

Figures:

Figure 1 – Overview Map

Figure 2 – Topographic Map

Figure 3 – Approximate Release Extent

Figure 4 – Approximate Remediation Extent

Tables:

Table 1 – Summary of Analytical Results – 2010 BBC Soil Assessment

Appendices:

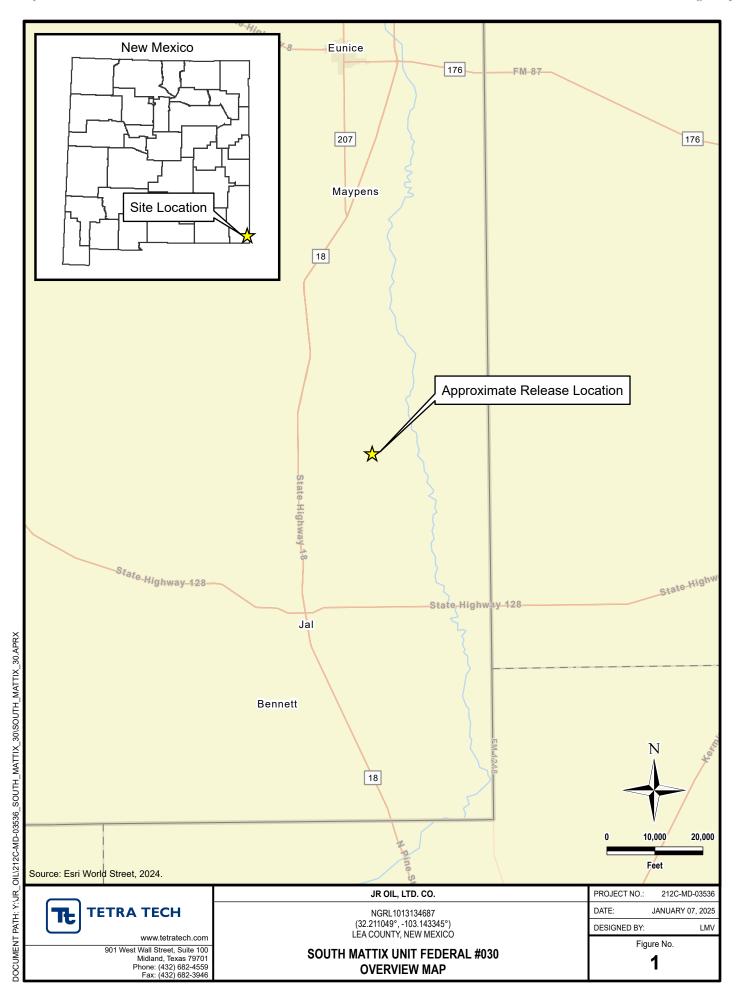
Appendix A – C-141 Forms

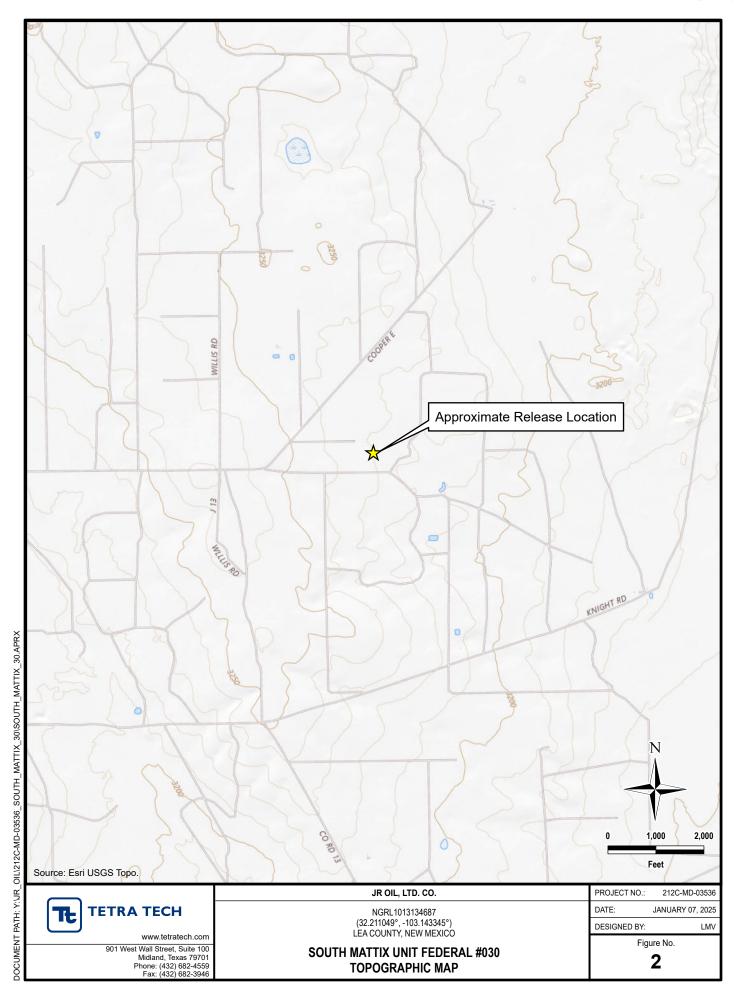
Appendix B – BBC Work Plan

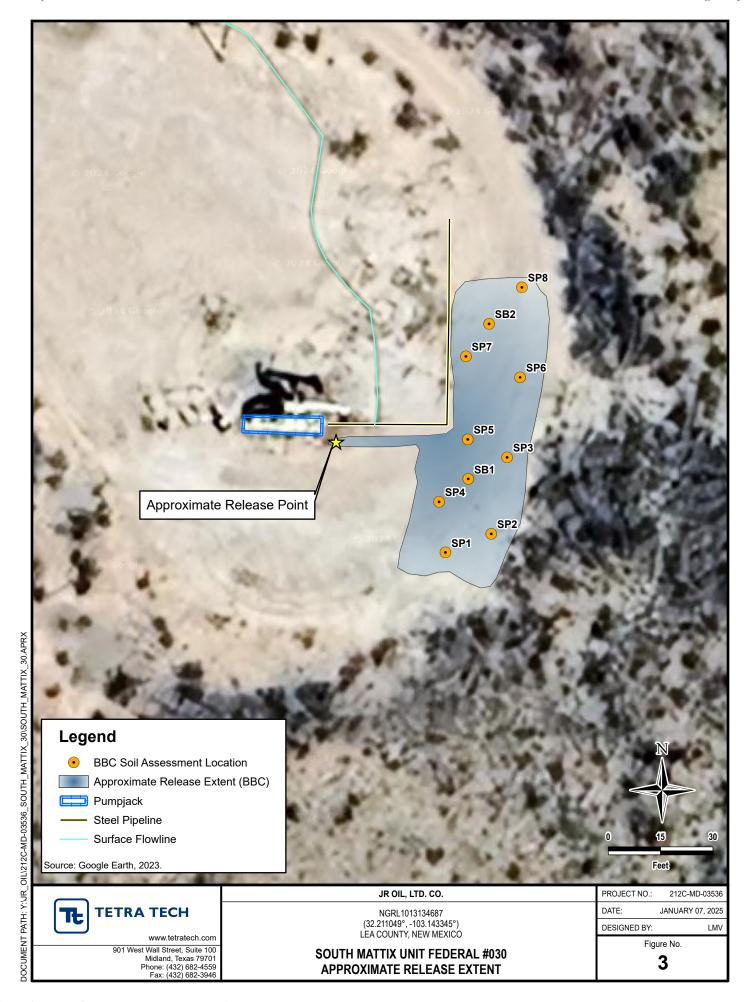
Appendix C – Photographic Documentation

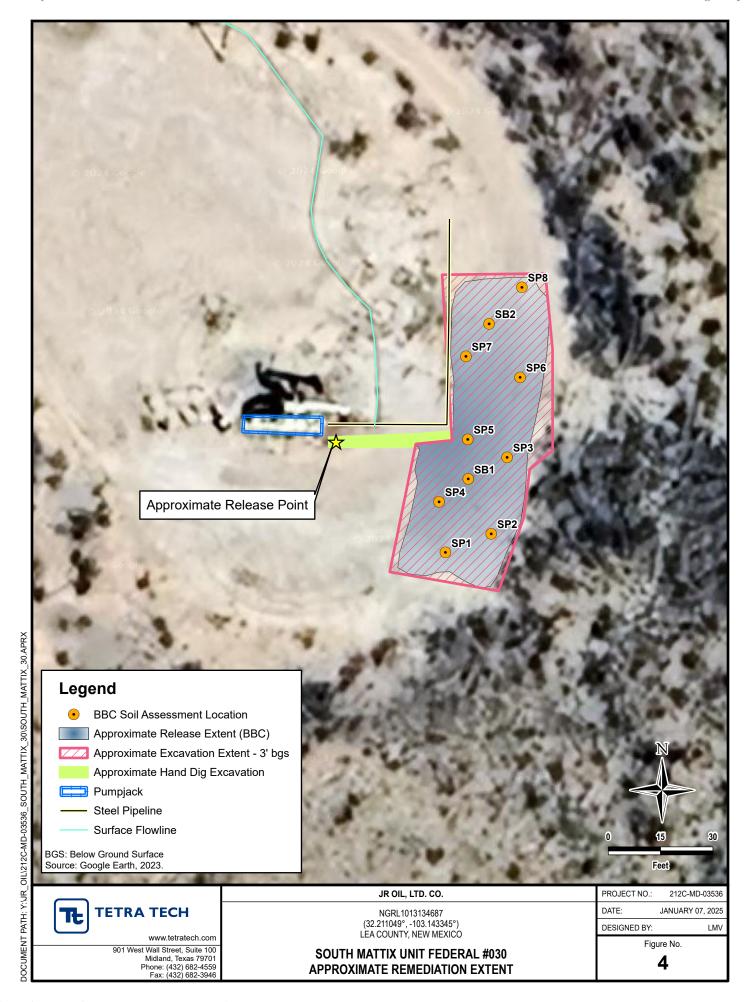
Appendix D – Regulatory Correspondence

FIGURES









TABLES

Received by OCD: 1/29/2025 12:24:06 PM

TABLE 1

SUMMARY OF ANALYTICAL RESULTS 2010 BBC SOIL ASSESSMENT - NGRL1013134687/1RP-2517

JR OIL LTD. CO.

SOUTH MATTIX UNIT FEDERAL #030 RELEASE

LEA COUNTY,	NM

								ВТЕ	X ²					TP	H ³	
Committe ID	Campile Bate	Sample Depth	Chloride ¹		D		Taluana		Fabrulla aurana	_	Tatal Valance		GRO		DRO	
Sample ID	Sample Date				Benzene		Toluene		Ethylbenzen	e	Total Xylenes		C ₆ - C ₁₀		> C ₁₀ - C ₂₈	
		ft. bgs	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q
SP1	1/15/2010	Surface	8400		<0.050		<0.050		<0.050		<0.300		<10.0		<10.0	丄
SP2	1/15/2010	Surface	320		<0.050		<0.050		<0.050		<0.300		<10.0		<10.0	\perp
SP3	1/15/2010	Surface	1550		<0.050		<0.050		<0.050		<0.300		<10.0		632	
SP3	2/1/2010	3'	1060		-		-		-		-		-		-	
SP3	2/1/2010	4'	1070		-		-		-		-		-		-	
SP3	2/1/2010	6'	5600		-		-		-		-		-		-	\perp
SP4	1/15/2010	Surface	4800		<0.050		<0.050		<0.050		<0.300		<10.0		303	
SP4	2/1/2010	3'	1170		-		-		-		-		-		-	
SP4	2/1/2010	8'	672		-		-		-		-		-		-	
SP4	2/1/2010	11'	656		-		-		-		ı		-		ı	
SP4	2/1/2010	12'	656		-		-		-		-		-		1	
SP5	1/15/2010	Surface	<16.0		<0.050		<0.050		<0.050		<0.300		<10.0		<10.0	\Box
SP6	1/15/2010	Surface	<16.0		<0.050		<0.050		<0.050		<0.300		<10.0		49.6	
SP7	1/15/2010	Surface	2720		<0.050		<0.050		<0.050		<0.300		<10.0		215	
SP7	2/1/2010	2'	<16.0		-		-		-		-		-		-	
SP8	1/15/2010	Surface	5200		<0.050		<0.050		<0.050		<0.300		<10.0		385	T
SP8	2/1/2010	2'	448		-		-		-		ı		-		•	
SP8	2/1/2010	4'	912		-		-		-		ı		-		ı	
SP8	2/1/2010	6'	2960		-		-		-		ı		-		ı	
SP8	2/1/2010	7'	3780		-		-		-				-		-	
SP8	2/1/2010	8'	4480		-		-		-		-		-		-	
SB1	4/17/2017	15'	208		<0.050		<0.050		<0.050		<0.300		<50.0		96.6	
SB2	6/16/2017	15'	368		<0.050		<0.050		<0.050		<0.300		<10.0		<10.0	

NOTES:

ft. Fee

bgs Below ground surface

mg/kg Milligrams per kilogram

TPH Total Petroleum Hydrocarbons

GRO Gasoline range organics

DRO Diesel range organics

1 Method 4500-Cl B

Method SW-486 8021B
 Method EPA SW-486 8015 M

QUALIFIERS:

APPENDIX A C-141 Forms

RECEIVED

State of New Mexico

<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 District II 1301 W Grand Avenue, Artesia, NM 88210 O 5 201 Energy Minerals and Natural Resources District III 1000 Rio Brazos Road, Aztec, NM 8747 OBBSOCD Oil Conservation Division 1220 South St. Francis Description

District IV 1220 S St Francis Dr , Santa Fe, NM 87505

1220 South St. Francis Dr.

Form C-141 Revised October 10, 2003

Submit 2 Copies to appropriate
District Office in accordance
with Rule 116 on back

and the control of the same of	and the last of th			S	anta F	e, NM 875	505				side of form	
			Rel	ease Notific	catio	n and Co	rrective A	ction	Committee of the Commit			
						OPERA			ial Report		Final Report	
		Oxy USA W7	ГР			Contact Dusty Wilson						
Address 10						Telephone 1	No. (575) 397-	8247				
Facility Na	me South	Mattix Unit 3	30			Facility Typ	e Well Site					
Surface Ov	vner Bill (Grobe		Mineral (Owner	Oxy		Lease	No			
			- W OV				EACE ADI					
Unit Letter	Section	Township	Range	Feet from the	North	South Line	Feet from the	#30.025. East/West Line	25 14 1 County	100	* 00	
D	1,5						T cot nom the	Dasa West Elife	County			
Р	15	24s	37e	L				1	Lea			
			La	titude		Longitud	le					
				NAT	TURE	OF REL	EASE					
		nd Produce Wa					Release 10bo 10		Recovered 9	9 bo ar	nd 6 bw	
Source of Release Stuffing Box failure			Date and F 01/02/10 0	lour of Occurrence		Hour of Dis						
Was Immed	Was Immediate Notice Given? X Yes □ No □ Not Required			. ,	If YES, To	Whom?						
By Whom?	Chancey Su		Yes []	No LI Not Ke	quired			rish Badbear(BL	M) 			
By Whom? Chancey Summers Was a Watercourse Reached?					lour 01/03/10 1 Dlume Impacting							
			Yes X	No		n/a	name impacting	uic watercourse.				
If a Waterco	urse was Im	pacted, Descri	be Fully.	*								
N/A												
1976									1			
D " 0	0D 11							ATERO 6	7'			
Stuffing box	use of Probl failure due	em and Remed	ditions V	n Taken.* √ac truck was der	loved at	nd nicked un	all free standing f	luids. Remediation	offorta cont			
			uxive ii.o.	. as it don't was dop	noyed at	ia piekea ap i	an nec standing i	iulus. Remediatio	i enons com	inue.		
Describe Are	ea Affected	and Cleanup A	ction Tal	(en.*								
		•										
Remediate to	NMOCD I	Requirements.										
I hereby cert	ify that the	information giv	en above	is true and comp	lete to the	ne best of my	knowledge and u	nderstand that pur	suant to NM	OCD r	rules and	
public health	or the envi	ronment. The	acceptant	ce of a C-141 repo	ort by the	otifications at	nd perform correct arked as "Final R	ctive actions for re eport" does not re	leases which	may e	endanger	
should their	operations h	have failed to ac	dequately	investigate and r	emediat	e contaminati	on that nose a thr	eat to ground water	r curface w	ater hi	man haalth	
or the enviro	nment. In a	addition, NMO ws and/or regul	CD accep	stance of a C-141	report d	oes not reliev	e the operator of	responsibility for	compliance v	vith an	y other	
Arderan State	. Or local la	// Individual regul	ations.	1			OIL CON	SERVATION	DIVISIO	INC		
Cianatura	1/1	11-1	_				OIL COIN	BLRVATION	DIVISIC	211		
Signature:	JA!	10.		-			ENV ENGINE	ER;				
Printed Nam	e: Dusty L.	Wilson				Approved by	District Supervis	or: Storage	is Sof me	MA		
Title HES S	Specialist					Anneau-I D		1,0	9	0		
THE TIES	pecialist					Approval Dat	e:05/11/10	Expiration	Date:07	12/1	O	
E-mail Addre	ess: dusty	wilson@oxy.c	om			Conditions of	Approval: 508	SMAT FINAL	Attached			
Date: 01/30	/2010		p	hone: (575) 397-	8210	C-141 F	21 02/15/11	٥,		2517		

Attach Additional Sheets If Necessary

Form C-141 Page 6 State of New Mexico Oil Conservation Division

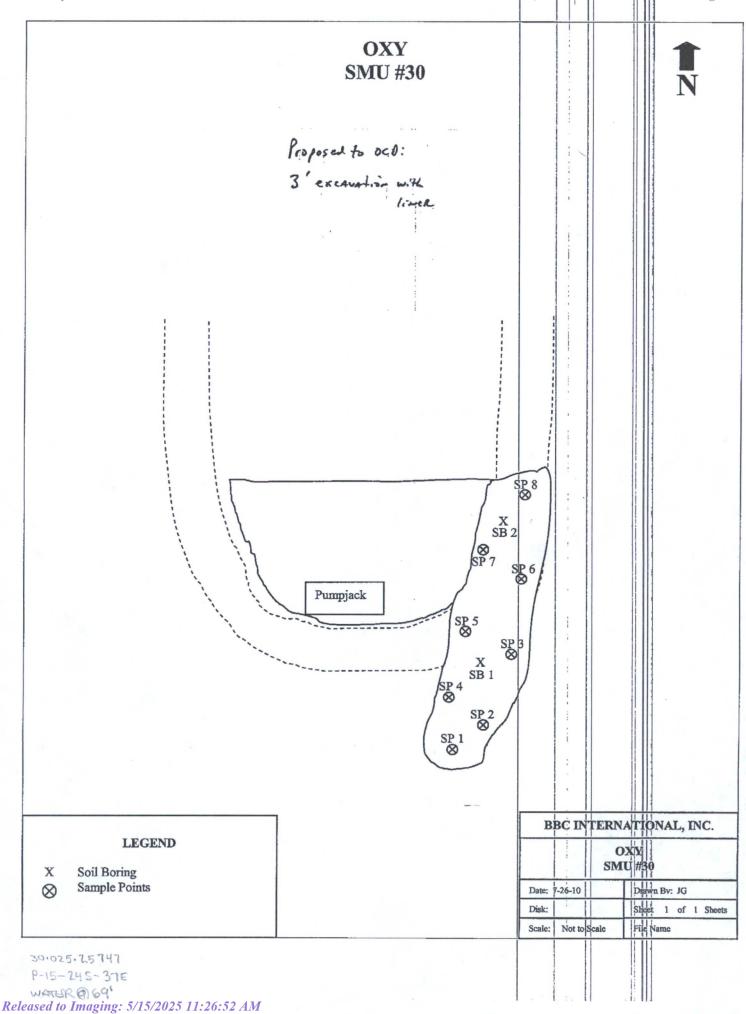
Incident ID	nGRL1013134687
District RP	1RP-2517
Facility ID	
Application ID	

Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

Closure Report Attachment Checklist: Each of the following	lowing items must be included in the closure report.
A scaled site and sampling diagram as described in 19	
Photographs of the remediated site prior to backfill or must be notified 2 days prior to liner inspection)	r photos of the liner integrity if applicable (Note: appropriate OCD District office
Laboratory analyses of final sampling (Note: appropria	ate ODC District office must be notified 2 days prior to final sampling)
Description of remediation activities	
may endanger public health or the environment. The accept should their operations have failed to adequately investigate human health or the environment. In addition, OCD accepts compliance with any other federal, state, or local laws and/o restore, reclaim, and re-vegetate the impacted surface area to accordance with 19.15.29.13 NMAC including notification to Printed Name: Joe Tippy Signature: Email: Joe Tippy Comparison of the environment. The accept and to restore accordance with 19.15.29.13 NMAC including notification to the environment. In addition, OCD accepts accordance with any other federal, state, or local laws and/or restore, reclaim, and re-vegetate the impacted surface area to accordance with 19.15.29.13 NMAC including notification to the environment. The accept accepts accordance with any other federal, state, or local laws and/or restore, reclaim, and re-vegetate the impacted surface area to accordance with 19.15.29.13 NMAC including notification to the environment. The accept accepts and the environment. The accept accepts acc	complete to the best of my knowledge and understand that pursuant to OCD rules be certain release notifications and perform corrective actions for releases which tance of a C-141 report by the OCD does not relieve the operator of liability and remediate contamination that pose a threat to groundwater, surface water, ance of a C-141 report does not relieve the operator of responsibility for or regulations. The responsible party acknowledges they must substantially to the conditions that existed prior to the release or their final land use in to the OCD when reclamation and re-vegetation are complete. Title: President Date:
OCD Only	
Received by:	Date:
Closure approval by the OCD does not relieve the responsible remediate contamination that poses a threat to groundwater, so party of compliance with any other federal, state, or local law	te party of liability should their operations have failed to adequately investigate and surface water, human health, or the environment nor does not relieve the responsible ws and/or regulations.
Closure Approved by:	Date:
Printed Name:	

APPENDIX B BBC Work Plan



Soil Laboratory Analytical Results Summary SMU #30

		Sample	Spriage	SPLO SQUE	SP3 @ Sorface	. 974@ Softme	SPS (II) Strided	SPE@ Sume	SPT@5	SP8 @: Surface
Analyte	Method	Date				The state of				1111111111111111
	1		mg/Kg	mglKg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	S 8021B	01/15/10	< 0.050	< 0.050	<0.050	< 0.050	<0.050	<0.050	<0.050	< 0.050
Toluene	S 8021B	01/15/10	< 0.050	< 0.050	<0.050	< 0.050	<0.050	<0.050	< 0.050	<0.050
Ethylbenzene	S 8021B	01/15/10	<0.050	<0.050	<0.050	<0.050	<0.050	< 0.050	<0.050	<0.050
Total Xylenes	S 8021B	01/15/10	< 0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	< 0.300
Chloride	EPA 300.0	01/15/10	8400	320	1550	4800	<16	<16	12720	5200
GRO	S 8015B	01/15/10	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO	Mod. 8015B	01/15/10	<10.0	<10.0	632	303	<10.0 l	49.6	215	385

		Sample	SP4 @ 3	SP4@8	SP4@115	SP4@12	SP7.@2"	SP8@2	SP8@4	SP8@67
Analyte	Method	Date			10 24 3				11 11.	
			mg/Kg l	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	I mg/Kg	mg/Kg
Chloride	EPA 300.0	02/01/10	1170	672	656	656	<16	448	912	2960

		Sample	SP8 @ 7/1	SF8@83	SP3 @3	SE @4	SP\$,06
Analyte	Method	Date					
/			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/kg
Chloride	EPA 300.0	02/01/10	3760	4480	1060	1070	5600

		Sample	SB2 @ 15
Analyte	Method	Date	7
	2 5 5 1 6 1		mg/Kg
Chloride	EPA 300.0	04/20/10	368

The Control	1 1 1 1 1 1	Sample	SB1@15
Analyte	Method	Date	
			mg/Kg
Chloride	EPA 300.0	05/10/10	208

01/27/2010 18:00

5753932476

RECEIVED 01/27/2010 06:18 5053970397 CARDINAL LABS

BBC INTERNATIONAL

02/03

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PHONE (575) 393-2326 - 101 E. MARLAND - HOBBS, NN 88240

ANALYTICAL RESULTS FOR BBC INTERNATIONAL, INC. ATTN: CLIFF BRUNSON P.O. BOX 805 HOBBS, NM 88241 FAX TO (575) 397-0397

Receiving Date: 01/22/10 Reporting Date: 01/27/10 Project Owner: OXY

Project Name: SMU #30 Project Location: JAL, NM Sampling Date: 01/15/10

Sample Type: SOIL

Sample Condition: COOL & INTACT @ -4°C

Sample Received By: JH Analyzed By: AB/ZL/NF

GRO DRO ETHYL TOTAL

LAB NO. SAMPLE ID (Cs-Csn) (>Csn-CsaBENZENETOLUENESENZENEXYLENES CI*

(mg/kg) (mg/kg) (mg/kg) (mg/kg) (mg/kg) (mg/kg)

ANALYSIS DATE:	01/27/10	01/27/10	01/25/10	01/25/10	01/25/10	01/25/10	01/23/10
H19120-1 SP1 @ SURFACE	<10.0				<0.050	<0.300	
H19120-2 SP2 @ SURFACE	<10.0					<0.300	
H19120-3 SP3 @ SURFACE	<10.0					<0.300	
H19120-4 SP4 @ SURFACE	<10.0		< 0.050	Total Street	<0.050		4,800
H19120-5 SP5 @ SURFACE	<10.0	<10.0	<0.050	<0.050	<0.050	<0.300	
H19120-6 SP6 @ SURFACE	<10.0	49.6	<0.050	<0,050	<0!050	<0.300	
H19120-7 SP7 @ SURFACE	<10.0	- 215	<0.050	<0.050	<0.050	<0.300	
H19120-8 SP8 @ SURFACE	<10.0	385	<0.050	<0.050	<0.050	<0.300	
Quality Control	510	468	0,055	0.053	0.054	0.162	500
True Value QC	500	500	0.050	0.050	0,050	0.150	500
% Recovery	102	93,6	110	106	108	108	100
Relative Percent Difference	4.7	0.9	2.9	3.2	2.8	2.0	2.0

METHODS: TPH GRO & DRO - EPA SW-846 8015 M; BTEX - \$W-846 8021B; CI-: Std. Methods 4500-CI-B *Analyses performed on 1:4 way aqueous extracts. Reported on wet weight.

TEXAS NELAP ACCREDITATION T104704398-08-TX FOR BENZENE, TOLUENE, ETHYLIBENZENE,

AND TOTAL XYLENES. Not accredited for GRO/DRO and Chloride.

Lab Director

H19120 TBCL BBC

PLEASE NOTE: Liability and Damagee, Cardinal's liability and client's exclusive remedy for any cleim arizing, whether bessed in contract or tort, shall be limited to the amount pelic by client for snalyses.

All claims, including those for negligenze and any other cause whatsocver shall be deemed waived unless made in writing and received by Cardinal within libity (30) days after compiction of the applicable snanded, in no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or joss of use, or joss

RECEIVED 02/16/2010 04:33 02/16/2010 16:15 5753932476

5053970397 CARDINAL LABS BBC INTERNATIONAL

PAGE 05/07



PHONE (575) 393-2326 - 101 E. MARLAND - HOBBS, NM 88240

ANALYTICAL RESULTS FOR BBC INTERNATIONAL, INC. ATTN: CLIFF BRUNSON P.O. BOX 805 HOBBS, NM 88241 FAX TO: (575) 397-0397

Receiving Date: 02/12/10 Reporting Date: 02/15/10 Project Owner: OXY Project Name: SMU #30

Project Location: NOT GIVEN

Analysis Date: 02/13/10 Sampling Date: 02/01/10

Sample Type: SOIL

Sample Condition: COOL & INTACT @ -5°C

Sample Received By: JH Analyzed By: HM

		cr cr
LAB NUMBE	I SAMPLE ID	(mg/kg)
H19259-1	SP4 @ 3'	1,170
H19259-2	SP4 @ 8'	672
H19259-3	SP4 @ 11'	656
H19259-4	SP4 @ 12'	656
H19259-5	SP7 @ 2'	< 16
H19259-8	SP8 @ 2'	448
H19259-7	SP8 @ 4'	912
H19259-8	SP8 @ 6'	2,960
H19259-9	SP8 @ 7	3,760
H19259-10	SP8 @ 8'	4,480
H19259-11	SP3 @ 3'	1,060
H19259-12	SP3 @ 4'	1,070
H19259-13	SP3 @ 6'	5,600
Quality Contr		500
True Value Q	C	500
% Recovery		100
Relative Pero	ent Difference	< 0.1

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

Chernist

METHOD: Standard Methods

02/16/10 Date

4500-CIB

H19259 BBC

PLEASE NOTE: Liability and Damages. Cardinal's liability and alignite oxclusive 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 whatsomer shall be deamed waived unless made in whiting and received by Cardinal within thirty (CD) days after completion of the applicable service. In no overnit shall Cardinal be table for incidented or consequential damages, including, which tilinitations business interruptions, loss of use, or loss of profits incidence damages, including, which will be sampled to the performance of sorvices herounder by Cardinal, logistical performance of the performance of sorvices herounder by Cardinal, payments such claim to be serviced upon any of the above-stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

05/03/2010 15:03

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5053970397 CARDINAL LABS BBC INTERNATIONAL

PAGE 02/03



PHONE (575) 393-2326 - 101 E. MARLAND - HOBBS, NM 88240

ANALYTICAL RESULTS FOR BBC INTERNATIONAL, INC. ATTN: CLIFF BRUNSON P.O. BOX 805 HOBBS, NM 88241 FAX TO: (575) 397-0397

Receiving Date: 04/29/10
Reporting Date: 04/30/10
Project Owner: OXY
Project Name: SMU #30

Project Name: SMU #30
Project Location: NOT GIVEN

Analysis Date: 04/30/10 Sampling Date: 04/20/10 Sample Type: SOIL

Sample Condition: COOL & INTACT @ -1°C

Sample Received By: JH Analyzed By: HM

LAB NUMBEI SAMPLE ID	(mg/kg)
H19775-1 SB 2 @ 15'	368
Quality Control	500
True Value QC	500
% Recovery	100
Relative Percent Difference	< 0.1

METHOD: Standard Methods

4500-CIB

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

H19775 BBC

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether bessed in contract or tart, shell be limited to this amount paid by client for analyses. At claims, including those for registernes and any other cause whateovor shall be deemed walved unless made in writing and received by Cardinal within thirty (30) doys after completion of the applicable 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 affiliables or successors arising out or related to the performance of agricultural, regentees of whether such claim is besed upon any of the above-stand mersons or otherwise. Resulting only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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ANALYTICAL RESULTS FOR BBC INTERNATIONAL, INC. ATTN: CLIFF BRUNSON P.O. BOX 805 HOBBS, NM 88241 FAX TO: (575) 397-0397

Receiving Date: 05/13/10 Reporting Date: 05/14/10 Project Owner: OXY Project Name: SMU #30

Project Location: JAL, NM

Analysis Date: 05/14/10 Sampling Date: 05/10/10

Sample Type: SOIL

Sample Condition: INTACT @ 2°C

Sample Received By: HM

Analyzed By: HM

	CI
LAB NUMBER SAMPLE ID	(mg/kg)
H19886-1 SB1 @ 15'	208
Quality Control	500
True Value QC	500
% Recovery	100
Relative Percent Difference	< 0.1

4500-CIB METHOD: Standard Methods Note: Analysis performed on a 1:4 w:v aqueous extract.

H19886 BBC

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether besed 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 subsidianes, 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. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

APPENDIX C Photographic Documentation







































APPENDIX D Regulatory Correspondence

Administrative/Environmental Order



AE Order Number Banner

Report Description

This report shows an AE Order Number in Barcode format for purposes of scanning. The Barcode format is Code 39.



App Number: pGRL1013135326

1RP - 2517
OCCIDENTAL PERMIAN LTD

7/22/2016

Leking, Geoffrey R, EMNRD

From:

Leking, Geoffrey R, EMNRD

Sent:

Thursday, April 21, 2011 8:28 AM

To:

'Cliff P. Brunson'

Cc:

Dusty Wilson; Ken Swinney; Jennifer Gilkey; Trishia_Bad_Bear@nm.blm.gov

Subject:

RE: Oxy-SMU #30

Cliff

The OCD agrees with the path forward as agreed upon at the meeting of Tuesday April 19, 2011 and as stated in the email below. Please proceed upon receiving concurrence from the BLM.

Geoffrey Leking Environmental Engineer NMOCD-Hobbs 1625 N. French Drive Hobbs, NM 88240

Office: (575) 393-6161 Ext. 113

Cell: (575) 399-2990

email: geoffreyr.leking@state.nm.us

From: Cliff P. Brunson [mailto:cbrunson@bbcinternational.com]

Sent: Tuesday, April 19, 2011 4:54 PM

To: Leking, Geoffrey R, EMNRD

Cc: Dusty Wilson; Ken Swinney; Jennifer Gilkey

Subject: Oxy-SMU #30

Geoff,

This e-mail is to confirm our conversation yesterday morning with myself and Dusty Wilson concerning the remediation plan and path forward for the above mentioned site. As discussed, Oxy will excavate 3 feet of impacted soil across the site. A plastic liner will be installed across the site. The site will then be backfilled with clean backfill soil. I have attached the site diagram and lab data that we reviewed for your files.

If you would please reply back via e-mail with your concurrence, it would be greatly appreciated. Let me know if you have any questions.

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
Phone: (575) 387-6388
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Sante Fe Main Office Phone: (505) 476-3441 General Information

Phone: (505) 629-6116
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https://www.emnrd.nm.gov/ocd/contact-us

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS

Action 425891

QUESTIONS

Operator:	OGRID:
J R OIL, LTD. CO.	256073
P.O. Box 53657	Action Number:
Lubbock, TX 79453	425891
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nGRL1013134687
Incident Name	NGRL1013134687 SOUTH MATTIX UNIT #030 @ 30-025-25747
Incident Type	Oil Release
Incident Status	Remediation Closure Report Received
Incident Well	[30-025-25747] SOUTH MATTIX UNIT FEDERAL #030

Location of Release Source	
Please answer all the questions in this group.	
Site Name	South Mattix Unit #030
Date Release Discovered	01/02/2010
Surface Owner	Private

Incident Details		
Please answer all the questions in this group.		
Incident Type	Oil Release	
Did this release result in a fire or is the result of a fire	No	
Did this release result in any injuries	No	
Has this release reached or does it have a reasonable probability of reaching a watercourse	No	
Has this release endangered or does it have a reasonable probability of endangering public health	No	
Has this release substantially damaged or will it substantially damage property or the environment	No	
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No	

Nature and Volume of Release		
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.		
Crude Oil Released (bbls) Details	Cause: Freeze Fitting Crude Oil Released: 10 BBL Recovered: 9 BBL Lost: 1 BBL.	
Produced Water Released (bbls) Details	Cause: Freeze Fitting Produced Water Released: 10 BBL Recovered: 6 BBL Lost: 4 BBL.	
Is the concentration of chloride in the produced water >10,000 mg/l	Yes	
Condensate Released (bbls) Details	Cause: Other Unknown Condensate Released: 0 BBL Recovered: 0 BBL Lost: 0 BBL.	
Natural Gas Vented (Mcf) Details	Cause: Other Unknown Natural Gas Vented Released: 0 Mcf Recovered: 0 Mcf Lost: 0 Mcf.	
Natural Gas Flared (Mcf) Details	Cause: Other Unknown Natural Gas Flared Released: 0 Mcf Recovered: 0 Mcf Lost: 0 Mcf.	
Other Released Details	Cause: Normal Operations Unknown Unknown Released: 0 BBL Recovered: 0 BBL Lost: 0 BBL.	
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	No additional information.	

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State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS, Page 2

Action 425891

QUESTIONS (continued)

Operator.	OGNID.
J R OIL, LTD. CO.	256073
P.O. Box 53657	Action Number:
Lubbock, TX 79453	425891
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)
QUESTIONS	
Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e.	Unavailable.
With the implementation of the 19.15.27 NWAC (05/25/2021), Venting and/or nating of natural gas (i.e.	. gas only) are to be submitted on the C-129 form.
Initial Response	
The responsible party must undertake the following actions immediately unless they could create a sa	afety hazard that would result in injury.
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.
	ation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative o ed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of valuation in the follow-up C-141 submission.
to report and/or file certain release notifications and perform corrective actions for relea	nowledge and understand that pursuant to OCD rules and regulations all operators are required ses which may endanger public health or the environment. The acceptance of a C-141 report by dequately investigate and remediate contamination that pose a threat to groundwater, surface does not relieve the operator of responsibility for compliance with any other federal state or
water, human health or the environment. In addition, OCD acceptance of a C-141 report local laws and/or regulations.	dood not tollote the operator of responsibility for compilating with any earlier reactial, earlie, or

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State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. **Santa Fe, NM 87505**

QUESTIONS, Page 3

Action 425891

QUESTIONS (continued)

Operator:	OGRID:
J R OIL, LTD. CO.	256073
P.O. Box 53657	Action Number:
Lubbock, TX 79453	425891
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization		
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)	
What method was used to determine the depth to ground water	OCD Imaging Records Lookup	
Did this release impact groundwater or surface water	No	
What is the minimum distance, between the closest lateral extents of the release ar	nd the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)	
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)	
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)	
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)	
Any other fresh water well or spring	Between 1 and 5 (mi.)	
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)	
A wetland	Between 1000 (ft.) and ½ (mi.)	
A subsurface mine	Greater than 5 (mi.)	
An (non-karst) unstable area	Greater than 5 (mi.)	
Categorize the risk of this well / site being in a karst geology	Low	
A 100-year floodplain	Between 1 and 5 (mi.)	
Did the release impact areas not on an exploration, development, production, or storage site	No	

Remediation Plan		
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
Requesting a remediation plan approval with this submission	Yes	
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.		
Have the lateral and vertical extents of contamination been fully delineated	Yes	
Was this release entirely contained within a lined containment area	No	
Soil Contamination Sampling: (Provide the highest observable value for each, in m	nilligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	8400	
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	632	
GRO+DRO (EPA SW-846 Method 8015M)	642	
BTEX (EPA SW-846 Method 8021B or 8260B)	0.3	
Benzene (EPA SW-846 Method 8021B or 8260B)	0.1	
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.		
On what estimated date will the remediation commence 07/11/2010		
On what date will (or did) the final sampling or liner inspection occur	07/21/2010	
On what date will (or was) the remediation complete(d)	07/21/2010	
What is the estimated surface area (in square feet) that will be reclaimed	0	
What is the estimated volume (in cubic yards) that will be reclaimed	0	
What is the estimated surface area (in square feet) that will be remediated	2938	
What is the estimated volume (in cubic yards) that will be remediated	318	
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.		

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to

significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS, Page 4

Action 425891

QUESTIONS (continued)

Operator:	OGRID:
J R OIL, LTD. CO.	256073
P.O. Box 53657	Action Number:
Lubbock, TX 79453	425891
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)		
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:		
(Select all answers below that apply.)		
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes	
Which OCD approved facility will be used for off-site disposal	OWL LANDFILL JAL [fJEG1635837366]	
OR which OCD approved well (API) will be used for off-site disposal	Not answered.	
OR is the off-site disposal site, to be used, out-of-state	Not answered.	
OR is the off-site disposal site, to be used, an NMED facility	Not answered.	
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	No	
(In Situ) Soil Vapor Extraction	No	
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No	
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No	
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No	
Ground Water Abatement pursuant to 19.15.30 NMAC	No	
OTHER (Non-listed remedial process)	No	

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD 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 OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD 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.

I hereby agree and sign off to the above statement

I hereby agree and sign off to the above statement

Title: Consultant
Email: brittany.long@tetratech.com
Date: 01/29/2025

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS, Page 5

Action 425891

QUESTIONS (continued)

Operator:	OGRID:
J R OIL, LTD. CO.	256073
P.O. Box 53657	Action Number:
Lubbock, TX 79453	425891
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

Sante Fe Main Office Phone: (505) 476-3441 General Information

Phone: (505) 629-6116

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QUESTIONS, Page 6

Action 425891

QUESTIONS (continued)

Operator:	OGRID:
J R OIL, LTD. CO.	256073
P.O. Box 53657	Action Number:
Lubbock, TX 79453	425891
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	426213
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	06/16/2017
What was the (estimated) number of samples that were to be gathered	1
What was the sampling surface area in square feet	2499

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	2938
What was the total volume (cubic yards) remediated	318
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	0
What was the total volume (in cubic yards) reclaimed	0
Summarize any additional remediation activities not included by answers (above)	No additional comments

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD 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 OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD 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. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

I hereby agree and sign off to the above statement

I hereby agree and sign off to the above statement

Email: brittany.long@tetratech.com

Date: 01/29/2025

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State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS, Page 7

Action 425891

QUESTIONS (continued)

Operator:	OGRID:
J R OIL, LTD. CO.	256073
P.O. Box 53657	Action Number:
Lubbock, TX 79453	425891
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

General Information Phone: (505) 629-6116

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State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

CONDITIONS

Action 425891

CONDITIONS

Operator:	OGRID:
J R OIL, LTD. CO.	256073
P.O. Box 53657	Action Number:
Lubbock, TX 79453	425891
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By		Condition Date
nvelez	None	5/15/2025