

May 16, 2005

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



Attn: Environmental Engineering

RE: Final Closure Letter 8"Cement Lined Steel Injection Trunk Line Leak UL 'I', Sec. 5, T-19-S, R-38-E

Leak occurred on 08/27/2004, at approximately 01:00 AM. An 8" cement lined steel injection trunk line used to transfer injection water from the South Hobbs Unit Central T/B to the injection buildings throughout the South Hobbs Unit field (buildings 5, 6, 7, & 9) developed a small pin hole causing spill. The leak occurred due to damaged coating and internal corrosion. The normal operating pressure on this pipe is approximately 1000 pounds. The area affected by this spill is an area measuring approximately 50' X 400' in an open pasture directly south and east of the spill site. The area where the leak occurred is north and east of the South Hobbs Unit well #239. An estimate of 400 barrels of injection water was spilled. All fluid soaked into the soil, none was recovered. The leak area surface owner is Mr. Malcolm Coombes: Depth to ground water according to State Engineers Office is an average of 35², for all wells in the area, giving this spill site a ranking of 20. Remediation of the spill site was as follows:

- 1. Piping was excavated and repaired. (Piping was repaired and put back into service until a poly liner could be installed. Poly liner was installed in April of 2005.)
- 2. Affected areas were pushed up and soil hauled to an approved site. (1572 cubic yards of soil were hauled to Sundance Services, Parabo Facility near Eunice, NM.)
- 3. Soil samples were obtained from spill areas. (4 soil samples were taken at approximately 2' depth on May 11, 2005, see attached hand drawn map for sample locations. 48 hours notice was given to NMOCD before samples were taken.)
- 4. NMOCD guidelines will be used to insure entire site is in compliance with guidelines.
- 5. Soils removed will be replaced with clean fresh soil. (Fill dirt will be used to backfill the majority of the excavation. 6" to 8" of top soil will be used across the area for final fill. The area will also be seeded per request of the current land owner.)
- 6. Soil analysis data is being submitted with this closure letter. (See attached soil analysis data dated 05/12/05, from Cardinal Laboratories.)

157984 ility - FPAC 0603831960 dend nPAC 06 Hobbs RMT, 1017 W. Stanolind Rd, Hobbs, New Mexico 88240 ication - pPAC 0603832514

May 16, 2005 Page 2

According to the lab analysis, attached, the highest hit was close to the leak site and near the piping. The analysis shows this area to be less than one tenth of one percent for chlorides. In order to minimize further impact to area, or damage to the pipeline, excavation in this area was stopped. We are planning no further work to this site, and at time of this letter backfill of the area has commenced.

If you have any questions, or if I can be of further assistance, please contact me at (505) 397-8251.

STEVEN M. BISHOP

Steven M. Bishop

HES Technician/Hobbs RMT Steven_Bishop@oxy.com (505) 397-8251

Attachments: Final C-141 Hand drawn map of leak site, showing sample points Cardinal Laboratories, soil sample analysis data dated 05/12/2005 4 9.00 ×

State of New Mexico Energy Minerals and Natural Resources

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505

Revised October 10, 2003

Form C-141

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

			Rele	ase Notifi	catio	on and Co	orrective A	ction					
						OPERA	FOR		🔲 Initia	al Report	\boxtimes	Final Report	
Name of Company Occidental Permian Limited Partnership							Contact Steven M. Bishop						
Address 1017 West Stanolind Road, Hobbs, N.M. 88240						Telephone No. (505) 397-8251							
Facility Name South Hobbs Unit Injection System F							Facility Type Production						
Surface Ow	ner			Mineral (Dwner				Lease N	No.			
Malcolm Coombes Occidental Permi						nian Limited Partnership							
				LOCA	ATIC	ON OF REI	LEASE						
Unit Letter	Section	Township	Range	Feet from the	Nort	h/South Line	Feet from the	East/V	Vest Line	County			
ч г ,	5	19-S	38-E							LEA			
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		L'antuue <u>r</u>	<u>ioi ili (11</u> 2	NA7	FUR	E OF REL	EASE	05/10	07 44.0.	500			
Type of Rele	ase					Volume of	Release		Volume F	Recovered			
Injection Wa	ter					400 bbls v	400 bbls water			0 bbls water			
Source of Release						Date and H	Date and Hour of Occurrence			Date and Hour of Discovery			
8" cement lin	ment lined steel trunk line 08/27/2004 01:00 AM 08/27/2004 01:00 AM												
was minedi	ale Notice C		Yes 🗌] No 🔲 Not R	equire	d	whom: Sylvia	a Dicke	y, ien mess	age			
By Whom? S	steven M. B	ishop				Date and H	lour 08/27/2004 0)9:25 AN	M				
Was a Water	ıs a Watercourse Reached? ☐ Yes ⊠ No												
If a Waterco	urse was Im	em and Reme	ibe Fully.	* N/A n Taken * An 8"	, cemer	nt lined steel tr	ink line carrying i	niection	water from	n the South	Hobbs	Unit Central	
T/B to South	Hobbs Uni	t Injection bu	ildings dev	veloped a pin hole	e causi	ng spill. Close	d valves on both e	ends of t	he trunklin	e to stop flo	w, and	l contain leak.	
Describe Are soaked into t Affected are seeded.	ea Affected he soil. Lin a will be rer	and Cleanup A e was excava nediated to N	Action Tal ted, repair MOCD gu	ken.* Area affected, and put back idelines for spills	ted app into se s. Enti	proximately 50' rvice until a po re area excavat	X 400' pasture to ly liner could be i ed to 2' depth and	the sour nstalled soil san	th and east Poly line ples taken	of the leak s r was install . Area will	site. A ed in A be bac	All fluid April, 2005. kfilled and	
I hereby cert regulations a public health should their or the enviro federal, state	ify that the i ill operators or the envi operations h nment. In a , or local lav	information g are required t ronment. The nave failed to addition, NMC ws and/or reg	iven above o report and acceptance adequately OCD accept ulations.	e is true and comp nd/or file certain ce of a C-141 rep v investigate and otance of a C-141	plete to release ort by remedi report	the best of my notifications a the NMOCD m ate contaminat does not reliev	knowledge and u nd perform correct parked as "Final R ion that pose a thr ve the operator of	inderstar ctive act eport" d reat to gr respons	nd that pur ions for rel loes not rel round wate ibility for c	suant to NM eases which ieve the ope r, surface w compliance w	OCD r may e rator o ater, hu with an	rules and ndanger f liability uman health y other	
Signature:	Signature: STEVEN M. BISHOP												
Printed Nam	Printed Name: Steven M. Bishop								·····				
Title: HES T	echnician					Approval Date: Expira			Expiration	on Date:			
E-mail Addr	E-mail Address: Steven_Bishop@oxy.com					Conditions of Approval:		Attached					
Date: 05/16	/2005		P	hone: (505) 397-	8251		<u></u>						

* Attach Additional Sheets If Necessary

8/27/04 SPILL MAP ULI'Sec 5, T-18-5, R-38E 250' NE SHU#239 PLEASE DRAW SKETCH OF SPILL AND INDICATE WHERE SPILL ORIGINATED. 0 BO × 400 BW est. GODE ROAD Elec Poles ¥ PL ROW 200 27 tioc. Pore 200 i lean + sumple point) GPS coordinates #1 N32° 41.268'+ W103° 09.747'

×2 N 32° 41.255 7 W 103° 09.746

×3 N32° 41.241 + W103° 09.742'

×4 N32° 41.228'+ W 103° 09.728'



PHONE (325) 073-7001 · 2111 BEECHWOOD · ABILENE, TX 79803

PHONE (505) 993-2326 . 101 E. MARLAND . HOBBS, NM 86240

ANALYTICAL RESULTS FOR BBC INTERNATIONAL, INC. ATTN: CLIFF BRNSON P.O. BOX 805 HOBBS, NM 88241 FAX TO: (505) 397-0397

Receiving Date: 05/11/05 Reporting Date: 05/12/05 Project Owner: OXY PERMIAN Project Name: SHU 8" INJECTION LINE Project Location: HOBBS, NM Analysis Date: 05/12/05 Sampling Date: 05/11/05 Sample Type: SOIL Sample Condition: COOL & INTACT Sample Received By: AH Analyzed By: AH

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LAB NUMBER	SAMPLE ID	(mg/Kg)
H9785-1	BOTTOM SAMPLE 1 @ 2'	992
H9785-2	BOTTOM SAMPLE 2 @ 2'	64
H9785-3	BOTTOM SAMPLE 3 @ 2'	208
H9785-4	BOTTOM SAMPLE 4 @ 2'	96
Quality Control		960
True Value QC	1000	
% Recovery	96.0	
Relative Percent	1.0	

METHOD: Standard Methods 4500-CFB Note: Analyses performed on 1:4 w:v aqueous extracts.

PLEASE NOTE: Lisbility and Damages. Cardinal's kabity and clent's exclusive ramedy for any claim arising, whether based in contract or ron, shall be limited to the amount paid by clent for analyses. All calms, including those for negligence and any other cause whatebever shall be deemed waived unless made in white and necelved by Cardinal within thirty (30) days after competition of the applicable service. In Sydest shall cardinal be lable for incidentel or consequential damages, including, ethout limitation, business interruptions, loss of wey, or loss of profits incurred by client, is subsidaries, artilizated or successors straing out of or related to the performance of cardinal performance by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons of otherwise,