

September 17, 2007

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

Attn: Environmental Engineering



RE: Remediation Plan South Hobbs Unit #213 2" Steel Injection Riser UL 'A', Sec. 5, T-19-S, R-38-E API 30-025-29752

Leak occurred on 09/12/2007, at approximately 12:00 PM. A 2" steel injection riser used to transfer water from South Hobbs Unit Injection System to the South Hobbs Unit Well #213 developed a hole causing spill. Valves on both ends of the line were shut to isolate leak. The normal rate for the South Hobbs Unit well #213 is approximately 1100 bbls/day at a pressure of about 950 psig. The area affected by this spill is an area measuring approximately 10' wide and 300' long, at the widest points, to the south of South Hobbs Unit #213 on a caliche location, and along Humble Street to the intersection of Humble and Rash. An estimated 25 barrels of injection water was spilled. Approximately 20 bbls of water was recovered via vacuum truck. Occidental Permian LTD. utilizes the caliche pad for the sole purpose of oil and gas production. The city street is where the water pooled and vacuum trucks were used to recover the spilled fluid. Depth to ground water according to State Engineers Office is an average of 35', for all wells in the area, giving this spill site a ranking of 20. Remediation of the spill site will be as follows:

- 1. Piping will be excavated and repaired.
- 2. Affected area will be excavated and soil will be disposed of at Sundance Services, Parabo Facility near Eunice, NM.
- 3. Soil samples will be gathered from affected area.
- 4. NMOCD guidelines will be used to insure entire site is in compliance with guidelines.

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5. Any soils removed will be replaced with clean fresh soils, where needed.

6. Soil analysis data will be submitted with final closure letter.

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

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Steven M. Bishop HES Tech/WSAH RMT Steven_Bishop@oxy.com (505) 397-8251

Attachments: Initial C-141 Hand drawn map of spill area South Hobbs Unit Water Analysis taken at South Hobbs Unit Central T/B State of New Mexico Energy Minerals and Natural Resources

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

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

Release Notification and Corrective Action

		OPERATOR	🔲 Initial R	eport 🛛 Final Report
Name of Company Occidental Permian Lin	Contact Steven M. Bishop			
Address 1017 West Stanolind Road, Hobbs	Telephone No. (505) 397-8251			
Facility Name South Hobbs Unit #213	cility Name South Hobbs Unit #213 Facility Type Production			
· · · · · · · · · · · · · · · · · · ·		N		
Surface Owner City of Hobbs Street	Mineral Own	er	Lease No	API 30-025-29752

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
'A'	5.	19-S	38-E					LEA

Latitude <u>N32°41`41.30"</u> Longitude <u>W103°09`57.80"</u>

NATURE OF RELEASE

Type of Release	Volume of Release	Volume Recovered
Injection water	25 bbls water	20 bbls water
Source of Release	Date and Hour of Occurrence	Date and Hour of Discovery
3" steel injection line	09/12/2007 12:00 PM	09/12/2007 12.00 PM
Was Immediate Notice Given?	If YES, To Whom?	
🛛 Yes 🔲 No 🗌 Not Requi	red Patricia Richards	
By Whom?	Date and Hour	
Mark D. Andersen	09/12/2007 03:20 PM	
Was a Watercourse Reached?	If YES, Volume Impacting the W	atercourse.
🗌 Yes 🛛 No	N/A	
If a Watercourse was Impacted Describe Fully *		
in a watereourse was impleted, Describer uny.		
Describe Cause of Problem and Remedial Action Taken.*		
Operators discovered a leak on the well riser at the wellhead o	f South Hobbs Unit Injection Well #	\$213. Shut valves at injection header and
on wellhead at South Hobbs Unit Injection Well #213 to stop 1	leak. Recovered 20 bbls of injection	n water via vacuum truck.
-		
	br	
Describe Area Affected and Cleanup Action Taken.*		
Spilled fluid ran approximately 300' to the south of South Hob	bs Unit Well #213, into Humble Str	eet, and to corner of Humble and Rash
Streets where it pooled. Approximately 20 bbls was recovered	from the intersection along with rai	n water standing due to recent rains.
Area will be remediated to NMOCD spill guidelines.		_
I hereby certify that the information given above is true and complete	to the best of my knowledge and unders	stand that pursuant to NMOCD rules and
regulations all operators are required to report and/or file certain release	se notifications and perform corrective a	actions for releases which may endanger
public health or the environment. The acceptance of a C-141 report by	y the NMOCD marked as "Final Report	" does not relieve the operator of liability
should their operations have failed to adequately investigate and reme	diate contamination that pose a threat to	ground water, surface water, human health
or the environment. In addition, NMOCD acceptance of a C-141 repo	ort does not relieve the operator of respo	nsibility for compliance with any other
federal, state, or local laws and/or regulations.		
	<u>OIL CONSER</u>	VATION DIVISION
Sing Trans The Rischol		
Signature: 10000 11 NOTAG	_	Comoon
Drinted Nomes Starson M. Diskey	Approved by District Supervisor:	1
rinicu Name. Steven M. Bisnop		VIRONMENITAL ENGINEER
Title: HES Technician	4	
	Approval Date. 1.18.01	Expiration Date: ID · ID · VD
E-mail Address: Steven Bishon@oxy.com	Conditions of Approval	
		Attached 🔲 🗋
Date: 09/17/2007 Phone: (505) 397-8251	CONFISTE CLIMANUT 2	SUBUIT
* Attach Additional Sheets If Necessary	EINAL P.141 + ma	
·	T (1-1) U (1) 4 900	UNICONTRI ION SI
		D[# R]
		NY DA

SPILL MAP PLEASE DRAW SKETCH OF SPILL AND INDICATE WHERE SPILL ORIGINATED. 9/12/07 12:00 PM 2" STEEL INJ. RISER SHU #213 UL'A', Sec 5, T-195, R-35.E N 25 BW Spilled, 20 GW Recovered. N 32°41'41,30" W103°09'57.80" PMARLAND LEAKSITE SH4 Z13 θĽ SHU IBU (D) R A 300,4 Ś. Ĥ SHU 181 D Humble

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MITCHELL ANALYTICAL LABORATORY

2638 Faudree Odessa, Texas 79765-8538 561-5579

Company: Nalco Company

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Well Number:	SHU Pump 2	Sample Temp:	70
Lease:	ÓXY	Date Sampled:	8/15/2007
Location:		Sampled by:	Kevin Chiles
Date Run:	8/17/2007	Employee #:	
Lab Ref #:	07-AUG-n36045	Analyzed by:	DOM

Dissolved Gases

					Mg/L	Eq. Wt.	MEq/L
Hydrogen Sulfide Carbon Dioxide	(H2S) (CO2)	N		YZED	268.00	16.00	16.75
Dissolved Oxygen	(02)	N	OT ANAL	YZED			
			Cations				
Calcium	(Ca++)			426.12	20.10	21.20
Magnesium	(Mg++)			161.04	12.20	13.20
Sodium Barium	(Na+) (Ba++)			3,164.18	23.00	137.57
	(Ś NC	T ANAL	ZED			
Manganese	(Mn+)				.06	27.50	.00
			Anions				
Hydroxyl	(OH-)				.00	17.00	.00
Carbonate	(CO3=)			.00	30.00	.00
BiCarbonate	(HCO3	-)			1,564.16	61.10	25.60
Sulfate	(SO4=)			400.00	48.80	8.20
Chloride	(Cl-)				4,905.39	35.50	138.18
Total Iron	(Fe)				0.03	18.60	.00
Total Dissolved So	lids			1	.0,888.98		
Total Hardness as	CaCO3				1,725.56		
Conductivity MICR	OMHOS/	CM			14,950		
pH 7.34	0			Specific	Gravity 60/6	1.008	
CaSO4 Solubility @	80 F.	14.53		MEq/L,	CaSO4 so	ale is unlike	ly
CaCO3 Scale Index							
70.0	.987	100.0	1.337	130.0	1.84	7	
t 0.08	l.117	110.0	1.577	140.0	1.84	7	
90.0 1	L.337	120.0	1.577	150.0	2.07	7	

Nalco Company