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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 Fina				Final Report		
Name of Company Occidental Permian Limited Partnership					2	Contact Steven M. Bishop						
Address 10 Facility Nat	Address 1017 West Stanolind Road, Hobbs, N.M. 88240						No. (505) 397-8.	251		·		
Surface Owner Mr. Dee A. Cochran Mineral Owner						· · · · · · · · · · · · · · · · · · ·		Lease	Jo			
Surface Ow												
LOCATION OF RELEASE Unit Letter Section Township Range Feet from the North/South Line Feet from the East/West Line County												
' К'	5	19-5	38-E									
	Latitude 32°41`10.03" Longitude 103°10`22.17"											
	~ 48	\mathcal{I}		NAT	TIRE	OF RFL	FASE					
Type of Rele	ase				UKE	Volume of	Release		Volume I	Recovered		
Produced wa	ter only					15 bbls wa	ater		10 bbls w	ater		
Broken Sight	lease t Glass on T	[est Vessel				Date and Hour of Occurrence Date and Hour of Disc 02/28/2007 12:00 PM 02/28/2007 12:00 PM				covery		
Was Immedi	ate Notice	Given?	Ves 🛛	No 🗖 Not R	equired	If YES, To Whom?						
By Whom?			100 2			Date and Hour						
N/A Was a Water	course Rea	ched?				N/A						
	course rea		Yes 🗵	No		N/A						
If a Watercou	urse was Im	pacted, Descr	ibe Fully.	*		J						
Describe Cau Operators of	use of Probl discovered	lem and Reme l a broken sig	dial Actio the glass of	n Taken.* on the test vesse	l at Sou	th Hobbs U	nit Satellite #1.	There	was no pr	oduction sy	witche	d to this
vessel at the	e time but	pressure had	allowed	water to exit the	e vessel	from the br	oken sight glass	. Valv	es were cl	osed behind	d the s	ight glass
to isolate th	e leak. Al	l fluid possil	ole was p	icked up via vac	uum tru	ick. 10 bbls	s of water was re	ecovere	ed.			
	4.00 1	1.01	<u> </u>									
Spilled flui	a Affected	and Cleanup A	Action Tal O' across 1	ken.* the caliche pad o	of Satel	lite #1, then	into an area of a	approx	imately 20)' X 60' of g	rassvi	pasture
belonging to	o land own	ner. All fluid	l possible	was recovered	via vaci	uum truck.	Land owner was	s conta	cted regar	ding the sp	ill. Ar	ea 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 understand that pursuant to NMOCD rules and												
public health	or the envi	ronment. The	acceptant	ce of a C-141 repo	ort by the	e NMOCD m	arked as "Final R	eport" d	loes not reli	ieve the oper	ator of	liability
should their of or the environ	should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health											
federal, state, or local laws and/or regulations.												
Signature: Steven M. Bishop					,	OIL CONSERVATION DIVISION						
					ENVIRE ENER							
					Approved by District Supervisor							
Title: HES Technician						Approval Date: 3.(5.07 Expiration Date:						
E-mail Addre	ess: Steven	_Bishop@oxy	.com			Conditions of	Approval:			A 44 - 1 - 1	_	
Date: 02/28	3/2007		Pho	ne: (505) 397-825	1				,			
* Attach	Additional	Sheets If Ne	cessary	201		QA	dication	5-pf	ACO	10752	350	12
Aluty +M UIUIS25084 IFormer I							78					
VMUL	Unt "	ipild	5101	Jacon						KP#	L	20



February 28, 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 Satellite #1 Test Vessel UL 'K', Sec. 5, T-19-S, R-38-E



Leak occurred on 02/28/2007, and was discovered at 12:00 PM. A sight glass on the test vessel at South Hobbs Unit Satellite #1 broke causing spill. Valves were closed behind the sight glass to isolate leak. There was no wells switched to this vessel at time of incident. The area affected by this spill is an area measuring approximately 20' wide and 100' long, total, to the south and east of South Hobbs Unit Satellite #1. An area of approximately 20' X 60' was affected, in grassy pasture, that belongs to the land owner. An estimated 15 barrels of produced water was spilled. Approximately 10 bbls of water was recovered via vacuum truck. Mr. Dee A. Cochran is the surface owner and utilizes the area for grazing. 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. Affected area will be excavated and soil will be disposed of at Sundance Services, Parabo Faciltiy near Eunice, NM.
- 2. Soil samples will be gathered from affected area.
- 3. NMOCD guidelines will be used to insure entire site is in compliance with guidelines.
- 4. Any soils removed will be replaced with clean fresh soils, where needed.
- 5. Soil analysis data will be submitted with final closure letter.

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

STEVON M. BISHER

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

PLEASE DRAW SKETCH OF SPILL AND INDICATE WHERE SPILL ORIGINATED. 02/28/07 ØBO × 15BN REC 000× 10 BW SHU SATE / BROKEN SITE GLASS ON TEST SEPERATOR N UCK' Sec 5, T-195, 12 35 E N 32041'10.03" W 1030 10' 22.17 "

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MITCHELL ANALYTICAL LABORATORY

2638 Faudree XOdessa, Texas 79765-8538 561-5579

Company: Nalco Energy Services

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Well Number:	SHU Water Sta. H-Pump	Sample Temp:	70
Lease:	OXY	Date Sampled:	1/29/2007
Location:		Sampled by:	Kevin Chiles
Date Run:	2/2/2007	Employee #:	
Lab Ref #:	07-feb-n32937	Analyzed by:	DOM

Dissoivea Gas	es
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Hydrogen Sulfide	(H2S	5)			Mg/L 206.00	Eq. Wt. 16.00	MEq/L 12.88
Dissolved Oxygen	(02)	2) I N	NOT ANA	LYZED			
			Cations	5			
Calcium	(Ca+	·+)			538.68	20.10	26.80
Magnesium	(Mg-	++)			43.92	12.20	3.60
Sodium	(Na+	-)			3,059.39	23.00	133.02
Barium	(Ba+	+)					
		N	OT ANAL	YZED			
Manganese	(Mn⊣	-)			.03	27.50	.00
			Anions				
Hydroxyl	(OH-)			.00	17.00	.00
Carbonate	(CO3	=)			96.00	30.00	3.20
BiCarbonate	(HCC)3-)			1,246.44	61.10	20.40
Sulfate	(SO4	=)			690.00	48.80	14.14
Chloride	(Cl-)				4,461.90	35.50	125.69
Total Iron	(Fe)				0.16	18.60	.01
Total Dissolved Sc	lids				10,342.53		
Total Hardness as	CaCO3				1,526.77		
Conductivity MICR	OMHOS	CM			13,000		
pH 8.31	0			Specific	c Gravity 60/60 F.		1.007
CaSO4 Solubility @	80 F.	14.68		MEq/L,	CaSO4 s	cale is unlikel	у
CaCO3 Scale Index							
70.0	L.993	100.0	2.343	130.0	2.85	3	
80.0	2.123	110.0	2.583	140.0	2.85	3	
90.0	2.343	120.0	2.583	150.0	3.08	3	

Nalco Energy Services