

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 Occidental Permian Limited Partnership	Contact Steven M. Bishop
Address 1017 West Stanolind Road, Hobbs, N.M. 88240	Telephone No. (575) 397-8251
Facility Name South Hobbs Unit Injection System # 53	Facility Type Production

Surface Owner Malcolm Coombes	Mineral Owner Occidental Permian Limited Partnership	Lease No. API No. 30-025-07612
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LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
'L'	4	19-S	38-E					LEA

Latitude North 32°41'16.90" Longitude West 103°09'40.90"

NATURE OF RELEASE

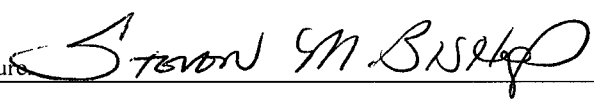


Type of Release Produced and Injection Water	Volume of Release Estimated 250 BW	Volume Recovered 200 Bbls
Source of Release 8" fiberglass injection trunk line	Date and Hour of Occurrence 11/11/2008 10:30 AM	Date and Hour of Discovery 11/11/2008 10:30 AM
Was Immediate Notice Given? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse. N/A	

If a Watercourse was Impacted, Describe Fully. \* N/A

Describe Cause of Problem and Remedial Action Taken. \* An 8" fiberglass injection trunk line from South Hobbs Unit Central T/B to South Hobbs Unit Injection Building #7 was struck by a backhoe shortly after the line was repaired. Isolated the trunk line by shutting valves at both ends. South Hobbs Unit #53 is the closest injector and the API number for this well was used for this report.

Describe Area Affected and Cleanup Action Taken \* Area affected is approximately 200' X 200' to the north of leak site in the pasture. An estimated 250 bbls of produced water was spilled and 200 bbls was recovered via vacuum trucks. Piping will be repaired, and samples will be taken in affected area to insure area is in compliance with NMOCD guidelines for spills. Spill cleanup will take place along with original spill that occurred on 11/03/2008

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.

Signature 	OIL CONSERVATION DIVISION 	
Printed Name: Steven M. Bishop	Approved by District Supervisor ENVIRONMENTAL ENGINEER	
Title HES Specialist	Approval Date: 12-8-08	Expiration Date: 2-8-09
E-mail Address: Steven_Bishop@oxy.com	Conditions of Approval:	
Date: 11/11/2008 Phone: (575) 397-8251	Submitted Final Docs By  Attached <input type="checkbox"/> IRP# 2019	

\* Attach Additional Sheets If Necessary

FGRL 0834557691

# MITCHELL ANALYTICAL LABORATORY

2638 Faudree  
Odessa, Texas 79765-8538  
561-5579

Company: **Nalco Company**

Well Number: South Hobbs Injection  
Lease: OXY  
Location:  
Date Run: 8/28/2008  
Lab Ref #: 08-aug-n42251

Sample Temp: 70  
Date Sampled: 8/28/2008  
Sampled by: Chase Alexander  
Employee #:  
Analyzed by: DOM

## *Dissolved Gases*

		Mg/L	Eq. Wt.	MEq/L
Hydrogen Sulfide	(H <sub>2</sub> S)	346.00	16.00	21.63
Carbon Dioxide	(CO <sub>2</sub> )	<b>NOT ANALYZED</b>		
Dissolved Oxygen	(O <sub>2</sub> )	<b>NOT ANALYZED</b>		

## *Cations*

Calcium	(Ca++)	549.78	20.10	27.35
Magnesium	(Mg++)	144.74	12.20	11.86
Sodium	(Na+)	2,676.14	23.00	116.35
Barium	(Ba++)	<b>NOT ANALYZED</b>		
Manganese	(Mn+)	.03	27.50	.00

## *Anions*

Hydroxyl	(OH-)	.00	17.00	.00
Carbonate	(CO <sub>3</sub> =)	.00	30.00	.00
BiCarbonate	(HCO <sub>3</sub> -)	1,784.12	61.10	29.20
Sulfate	(SO <sub>4</sub> =)	525.00	48.80	10.76
Chloride	(Cl-)	4,104.51	35.50	115.62
Total Iron	(Fe)	0.13	18.60	.01
Total Dissolved Solids		10,130.45		
Total Hardness as CaCO <sub>3</sub>		1,967.88		
Conductivity MICROMHOS/CM		15,460		

pH 6.720 Specific Gravity 60/60 F. 1.007

CaSO<sub>4</sub> Solubility @ 80 F. 13.36MEq/L, CaSO<sub>4</sub> scale is unlikely

## *CaCO<sub>3</sub> Scale Index*

70.0	.534	100.0	.884	130.0	1.394
80.0	.664	110.0	1.124	140.0	1.394
90.0	.884	120.0	1.124	150.0	1.624

*Nalco Company*



**Occidental Permian Limited Partnership**

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November 11, 2008

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

RECEIVED

NOV 13 2008

HOBBS (11)

Attn: Environmental Engineering

RE: Remediation Plan  
South Hobbs Unit 8" Injection Trunk line  
from Central T/B to Injection Building #7  
SHU #53 Closest Injector API No 30-025-07612  
UL 'L', Sec. 4, T-19-S, R-38-E

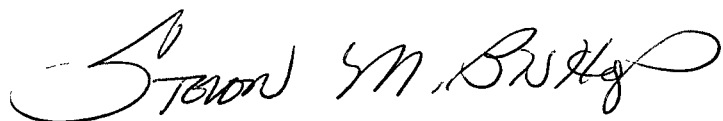
Leak occurred on 11/11/2008, at approximately 10:30 AM. An 8" fiberglass trunk line used to transfer injection water from South Hobbs Unit Central T/B to South Hobbs Unit Injection Building #7 was struck by a backhoe causing spill. Valves on both ends of the trunk line were shut to isolate leak. The line operates at approximately 50 pounds with an approximate 12,000 bbls per day rate. The area affected by this spill is an area measuring approximately 200' X 200' to the north of the leak site in the pasture in the same area as the previous spill had occurred. An estimated 250 barrels of injection water was spilled, and 200 bbls was recovered via vacuum truck. Mr. Malcolm Coombes the surface owner and utilizes the area for equipment storage and cattle grazing on occasion. Depth to ground water according to State Engineers Office is an average of 48', 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. Soil samples will be gathered from affected area.
3. NMOCD guidelines will be used to insure entire site is in compliance with guidelines.
4. Soils removed will be replaced with clean fresh soils, where needed.
5. Soil analysis data will be submitted with final closure letter.

November 11, 2008

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Remediation of this spill will be conducted at the same time of the original spill that occurred on November 03, 2008. Final samples will be sent with both closure plans. If you have any questions, or if I can be of further assistance, please contact me at (505) 397-8251.

A handwritten signature in black ink, reading "Steven M. Bishop". The signature is fluid and cursive, with the first name "Steven" being the most prominent.

Steven M. Bishop  
HES Specialist/Central Operating Area  
Steven\_Bishop@oxy.com  
(575) 397-8251

Attachments: Initial C-141  
Analytical data of South Hobbs Unit Injection Water dated 8/28/2008