

**RECEIVED**

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Hobbs, NM 88240  
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	Facility Type Production

Surface Owner Occidental Permian Limited Partnership	Mineral Owner Occidental Permian Limited Partnership	Lease No. (SHU #152 Inj Well) API No. 30-025-28355
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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
'A'	9	19-S	38-E					LEA

Latitude North 32°40'52.20" Longitude West 103°06'51.50"

### NATURE OF RELEASE

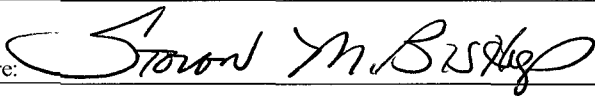
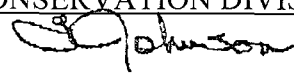
Type of Release Injection Water	Volume of Release Estimated 100 BW	Volume Recovered 0 Bbls
Source of Release 10" cement lined steel injection trunk line	Date and Hour of Occurrence 12/05/2008 05:00 PM	Date and Hour of Discovery 12/05/2008 05:00 PM
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Mark Whitaker	
By Whom? Steven M. Bishop	Date and Hour 12/05/2008 05:23 PM	
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. \* A 10" cement lined steel injection trunk line from South Hobbs Unit Central T/B to South Hobbs Unit Injection Building #1 split causing spill. Isolated the trunk line by shutting valves at both ends. South Hobbs Unit #152 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 90' X 150' to the north and south of leak site in the pasture. An estimated 100 bbls of produced water was spilled and 0 bbls were recovered. Piping was excavated and repaired, samples will be taken in affected area to insure area is in compliance with NMOCD guidelines for spills.

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: 12.18.08	Expiration Date: 2.18.09
E-mail Address: Steven_Bishop@oxy.com	Conditions of Approval:	
Date: 12/08/2008 Phone: (575) 397-8251	SUBMIT FINAL C-141 w/Docs	Attached <input type="checkbox"/> 12/8/08 # 2035

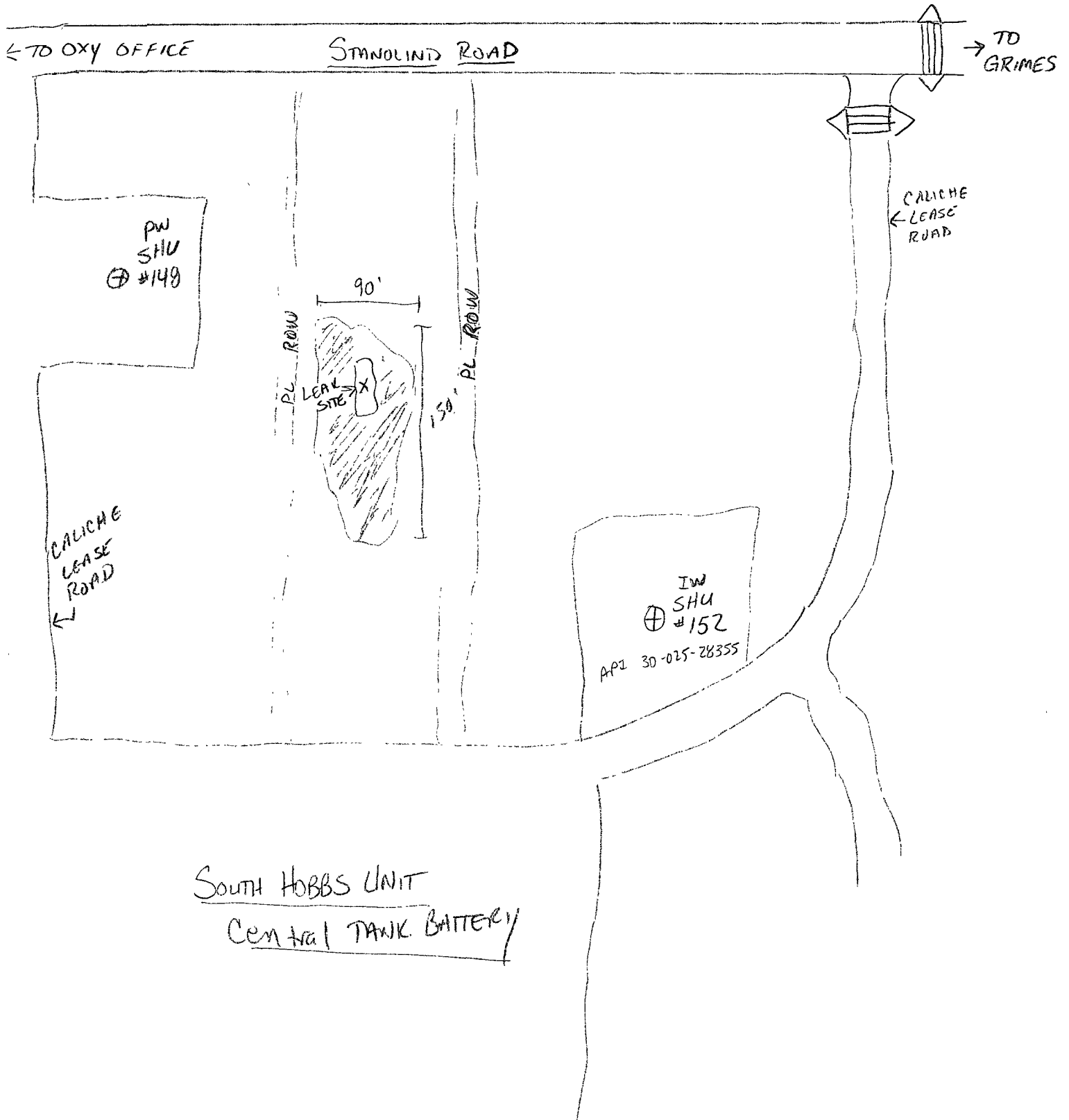
\* Attach Additional Sheets If Necessary

FGRL0835836222

# SPILL MAP

PLEASE DRAW SKETCH OF SPILL AND INDICATE WHERE SPILL ORIGINATED.

12/05/2008 5:00pm 10" Cement lined Steel INJECTION TRUNK LINE  
44'A', SEC. 9, T-19-S, R-38-E, N 32° 40' 52.20", W 103° 06' 51.50"  
0 X 100 BW - Ø BBL Recovered. MARK WHITAKER 5:23PM  
Oxy PERMIAN LAND OWNER



# 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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**RECEIVED**

December 08, 2008

DEC 10 2008

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

**HOBBSOCD**

Attn: Environmental Engineering

RE: Remediation Plan  
South Hobbs Unit 10" Injection Trunk line  
from Central T/B to Injection Building #1  
SHU #152 Closest Injector API No 30-025-28355  
UL 'A', Sec. 9, T-19-S, R-38-E

Leak occurred on 12/05/2008, at approximately 05:00 PM. A 10" cement lined steel trunk line used to transfer injection water from South Hobbs Unit Central T/B to South Hobbs Unit Injection Building #1 split causing spill. Valves on both ends of the trunk line were shut to isolate leak. The line operates at approximately 1100 pounds with an unknown bbls per day rate, due to several lines delivering approximately 90,000 bbls to the South Hobbs Unit Injection System. The area affected by this spill is an area measuring approximately 90' X 150' to the north and south of the leak site in the pasture. An estimated 100 barrels of injection water was spilled with none recovered. Occidental Permian Limited Partnership is the surface owner and utilizes the area for oil and gas production exclusively. Depth to ground water according to State Engineers Office is an average of 53', for all wells in the area, giving this spill site a ranking of 10. Remediation of the spill site will be as follows:

1. Piping has been excavated and repaired.
2. Affected area will be excavated and affected soil will be disposed of at Sundance Services, Parabo facility near Eunice, NM.
3. 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.

December 8, 2008

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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 that reads "Steven M. Bishop". The signature is fluid and cursive, with the first name "Steven" being more legible than the last name "Bishop".

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

Attachments: Initial C-141  
Hand drawn map of spill site  
Analytical data of South Hobbs Unit Injection Water dated 8/28/2008