

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

RECEIVED

FEB 09 2009

HOBBSOCD

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 North Hobbs Unit Injection System	Facility Type Production

Surface Owner Mr. Keith Henson	Mineral Owner Occidental Permian Limited Partnership	Lease No. (NHU #30-233 Inj Well) API No. 30-025-28942
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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
E K	30	18-S	38-E					LEA

Latitude North 32°43'07.70" Longitude West 103°11'34.10"

### NATURE OF RELEASE

Type of Release Injection Water	Volume of Release Estimated 100 BW	Volume Recovered 40 Bbbs
Source of Release 6" plastic coated steel injection trunk line	Date and Hour of Occurrence 02/02/2009 10:00 AM	Date and Hour of Discovery 02/02/2009 10:00 AM
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Buddy Hill	
By Whom? Steven M. Bishop	Date and Hour 02/02/2009 04:00 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 6" plastic coated steel injection trunk line from North Hobbs Unit Central T/B to North Hobbs Unit Satellite #19C developed a pin hole causing spill. Isolated the trunk line by shutting valves at both ends. North Hobbs Unit #30-233 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 30' X 150' to the north and south of leak site in the pasture. An estimated 100 bbls of produced water was spilled and 40 bbls were recovered. Piping well be excavated and repaired, samples will be taken in affected area to insure area is in compliance with NMOCD guidelines for spills.

4500-50 ft

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: <i>Steven M. Bishop</i>	OIL CONSERVATION DIVISION	
Printed Name: Steven M. Bishop	Approved by District <i>Johnson</i> ENVIRONMENTAL ENGINEER	
Title: HES Specialist	Approval Date: 2.9.09	Expiration Date: 4.9.09
E-mail Address: Steven_Bishop@oxy.com	Conditions of Approval:	
Date: 02/06/2009 Phone: (575) 397-8251	Submitted Final C-141 w/DOCS BY <i>[Signature]</i> Attached <input type="checkbox"/> IRP# 09.2.2076	

\* Attach Additional Sheets If Necessary

INCIDENT# NLWJ 0904032546

FGRL0905758046

# SPILL MAP

02/02/2009 NHU INS SYSTEM

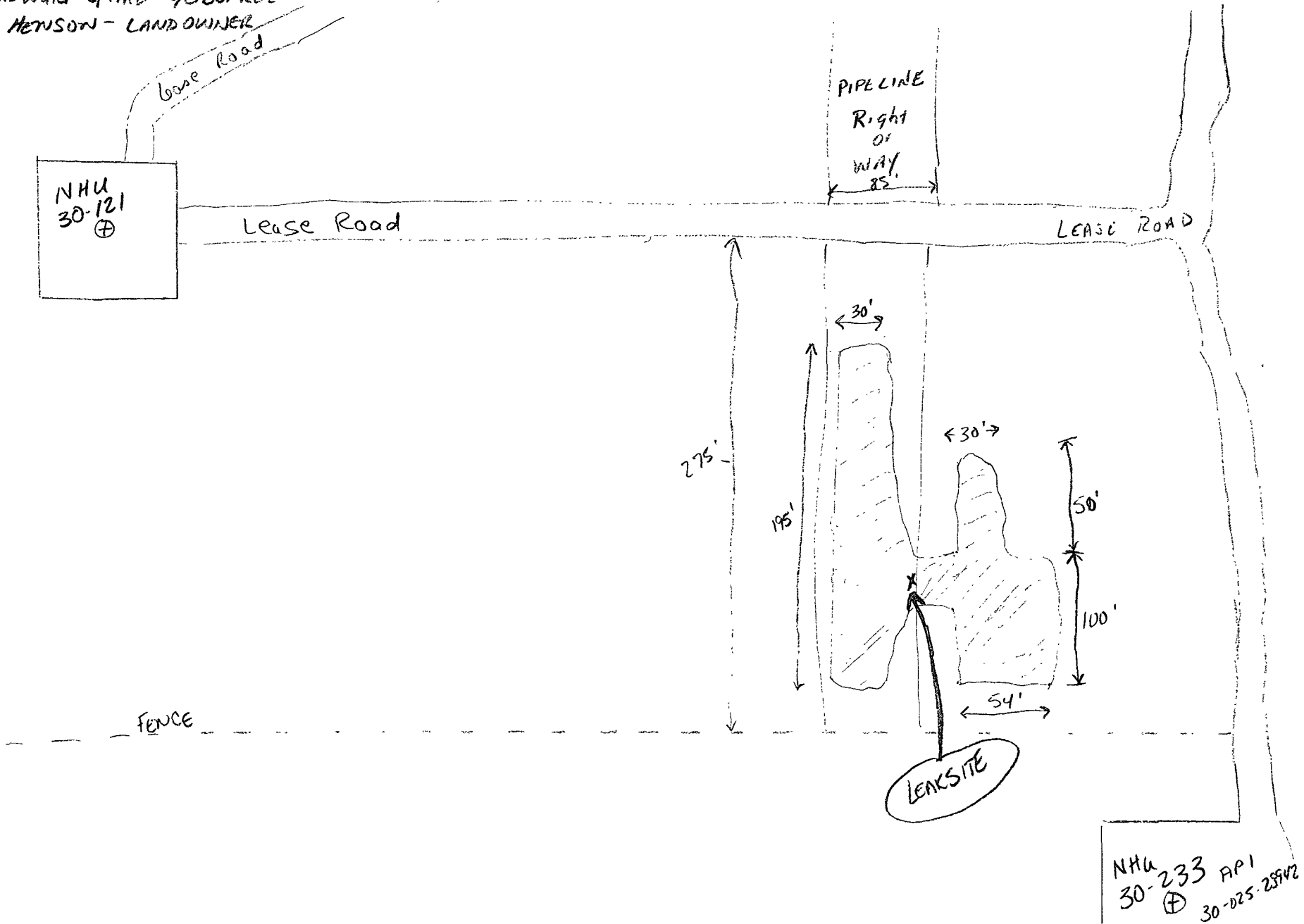
6" STEEL INS LINE TO SAT/9C PLEASE DRAW SKETCH OF SPILL AND INDICATE WHERE SPILL ORIGINATED.

4L'E', SEC 30, T-18-S, R-34-E

N 32° 43' 07.70", W 103° 11' 34.10"

100 Bbls water spilled - 40 Bbl REC

KEITH HENSON - LANDOWNER



# MITCHELL ANALYTICAL LABORATORY

2638 Faudree  
Odessa, Texas 79765-8538  
561-5579

Company: **Nalco Company**

Well Number: Central Injection Battery  
Lease: OXY  
Location: Hobbs  
Date Run: 12/8/2008  
Lab Ref #: 08-dec-n44076

*NORTH  
BATTERY*

Sample Temp: 70  
Date Sampled: 12/5/2008  
Sampled by: Chase Alexander  
Employee #:   
Analyzed by: DOM

## Dissolved Gases

		Mg/L	Eq. Wt.	MEq/L
Hydrogen Sulfide	(H <sub>2</sub> S)	41.00	16.00	2.56
Carbon Dioxide	(CO <sub>2</sub> )	NOT ANALYZED		
Dissolved Oxygen	(O <sub>2</sub> )	NOT ANALYZED		

## Cations

Calcium	(Ca++)	1,093.44	20.10	54.40
Magnesium	(Mg++)	312.32	12.20	25.60
Sodium	(Na+)	3,383.86	23.00	147.12
Barium	(Ba++)	NOT ANALYZED		
Manganese	(Mn+)	.05	27.50	.00

## Anions

Hydroxyl	(OH-)	.00	17.00	.00
Carbonate	(CO <sub>3</sub> =)	.00	30.00	.00
BiCarbonate	(HCO <sub>3</sub> -)	3,250.52	61.10	53.20
Sulfate	(SO <sub>4</sub> =)	1,300.00	48.80	26.64
Chloride	(Cl-)	5,229.75	35.50	147.32
Total Iron	(Fe)	0.56	18.60	.03
Total Dissolved Solids		14,611.49		
Total Hardness as CaCO <sub>3</sub>		4,014.11		
Conductivity MICROMHOS/CM		22,310		

pH 6.530 Specific Gravity 60/60 F. 1.010

CaSO<sub>4</sub> Solubility @ 80 F. 37.08MEq/L, CaSO<sub>4</sub> scale is unlikely

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

70.0	.594	100.0	.934	130.0	1.494
80.0	.714	110.0	1.194	140.0	1.494
90.0	.934	120.0	1.194	150.0	1.774

*Nalco Company*



## **Occidental Permian Limited Partnership**

February 06, 2009

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

**RECEIVED**

FEB 09 2009

**HOBBSOCD**

Attn: Environmental Engineering

RE: Remediation Plan  
North Hobbs Unit 6" Injection Trunk line  
from Central T/B to Satellite #19C  
NHU #30-233 Closest Injector API No 30-025-28942  
UL 'E', Sec. 30 T-18-S, R-38-E

Leak was reported to Occidental Permian on 02/02/2009, at approximately 10:00 AM by surface owner. A 6" plastic coated steel trunk line used to transfer injection water from North Hobbs Unit Central T/B to North Hobbs Unit Injection Header at Satellite #19C developed pin hole causing spill. Valves on both ends of the trunk line were shut to isolate leak. The line operates at approximately 1100 pounds and 5000 barrels per day rate while being used. This line only serves one well and was not being used at the time of leak discovery. The area affected by this spill is an area measuring approximately 30' X 150' to the north and south of the leak site in the pasture. An estimated 100 barrels of injection water was spilled with 40 barrels recovered. Mr. Keith Henson is the surface owner. Depth to ground water according to State Engineers Office is an average of 38', for all wells in the area, giving this spill site a ranking of 10. Remediation of the spill site will be as follows: 20

1. Piping will be 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.

February 6, 2009

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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" and last name "Bishop" clearly legible.

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 North Hobbs Unit Injection Water dated 12/05/2008