

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. (505) 397-8251
Facility Name North Hobbs Unit Satellite #32WC Inj. Line	Facility Type Production

Surface Owner Oxy Permian	Mineral Owner	Lease No.
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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
'K'	32	18-S	38-E					LEA

Latitude N32°42'05.70" Longitude W103°10'23.39"

**NATURE OF RELEASE**

Type of Release Injection Water	Volume of Release 20 bbls water	Volume Recovered 5 bbls water
Source of Release 3" steel injection line	Date and Hour of Occurrence 11/27/2006 09:00 AM	Date and Hour of Discovery 11/27/2006 09:00 AM
Was Immediate Notice Given? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? N/A	
By Whom? N/A	Date and Hour N/A	
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

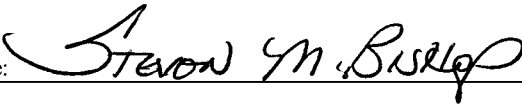
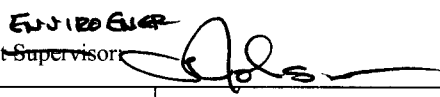
Describe Cause of Problem and Remedial Action Taken.\*

A 3" steel zaploc injection line from the injection header at NHU Satellite 32W-C to Remote Header #32B developed a pin hole causing leak. Valves were shut at both ends of the line, at the headers, to stop the leak. All fluid possible was picked up via vacuum truck. Line will be excavated and repaired.

Describe Area Affected and Cleanup Action Taken.\*

Oxy Permian is surface owner and utilizes area for the production of oil and gas only. Affected area measures approximately 60' wide and approximately 180' along the north fence of the North Hobbs Unit Satellite #32W-C location. Affected area is along a caliche lease road with a small amount of vegetation along the lease road. Affected area will be remediated to NMOCD Guidelines for leak and 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: 	<b>OIL CONSERVATION DIVISION</b>	
Printed Name: Steven M. Bishop	Approved by District Supervisor 	
Title: HES Technician	Approval Date: 12-14-06	Expiration Date: 2-14-06
E-mail Address: Steven_Bishop@oxy.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 11/28/2006	Phone: (505) 397-8251	

\* Attach Additional Sheets If Necessary

Facility # PAC0634850739  
Incident - nPAC0634850822  
Application - pPAC0634850948

RP#1144

# SPILL MAP

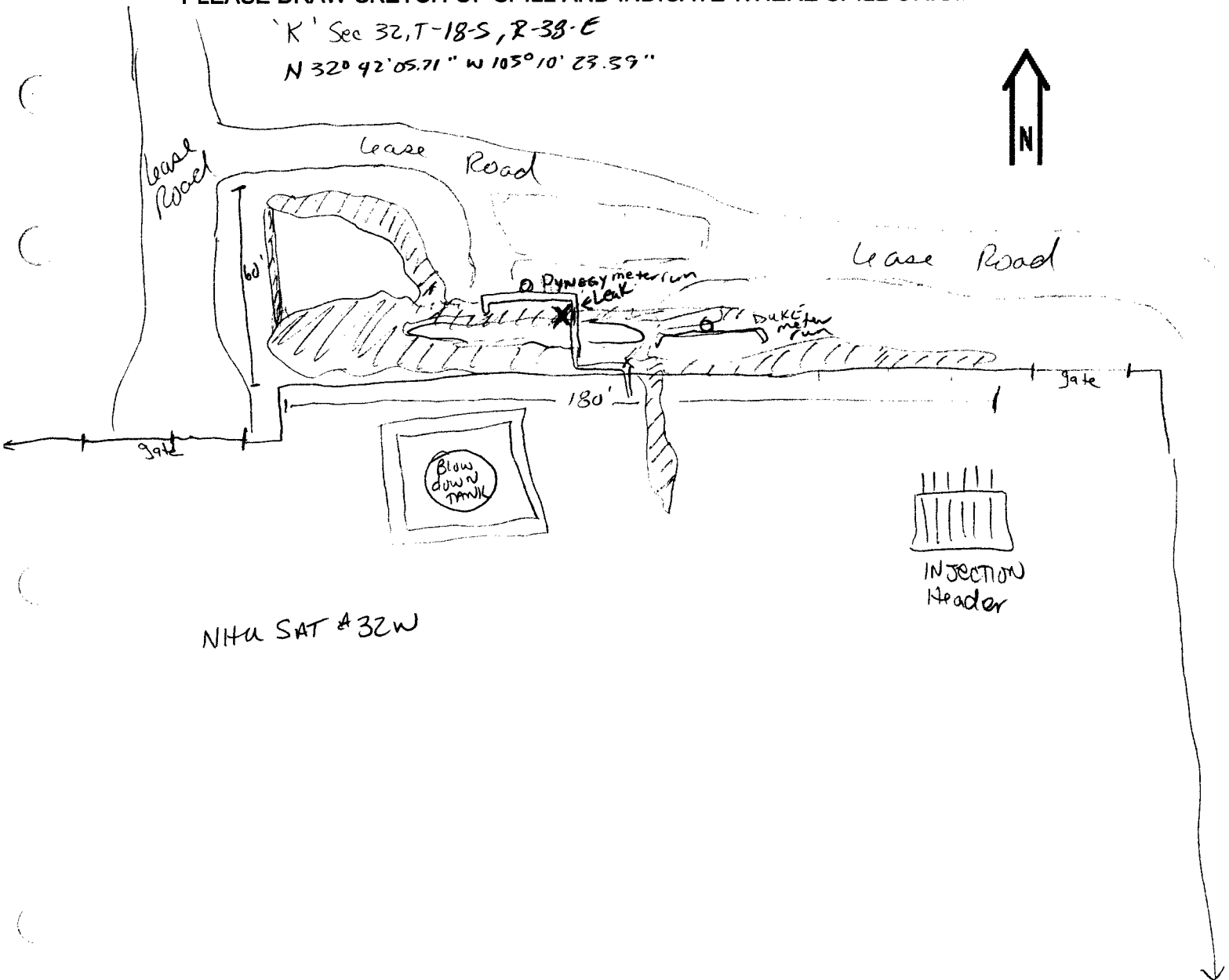
11/27/06 SAT 32W DBD. X 20BW - Rec 5BW

32 B Remote Header 3" 2 cp'lock line

PLEASE DRAW SKETCH OF SPILL AND INDICATE WHERE SPILL ORIGINATED.

'K' Sec 32, T-18-S, R-38-E

N 32° 42' 05.71" W 105° 10' 23.59"



NHUA SAT # 32W

# MITCHELL ANALYTICAL LABORATORY

2638 Faudree  
XOdessa, Texas 79765-8538  
561-5579

Company: **Nalco Energy Services**

Well Number: NIB Pump Dis. #4  
Lease: OXY  
Location: Hobbs  
Date Run: 11/3/2005  
Lab Ref #: 05-nov-n26999

Sample Temp: 70  
Date Sampled: 11/2/2005  
Sampled by: Mike Athey  
Employee #: 27-008  
Analyzed by: DANIEL

## Dissolved Gases

		Mg/L	Eq. Wt.	MEq/L
Hydrogen Sulfide (H2S)		108.00	16.00	6.75
Carbon Dioxide (CO2)	<b>NOT ANALYZED</b>			
Dissolved Oxygen (O2)	<b>NOT ANALYZED</b>			

## Cations

		Mg/L	Eq. Wt.	MEq/L
Calcium (Ca++)		699.48	20.10	34.80
Magnesium (Mg++)		278.16	12.20	22.80
Sodium (Na+)		3,391.78	23.00	147.47
Barium (Ba++)	<b>NOT ANALYZED</b>			
Manganese (Mn+)		.03	27.50	.00

## Anions

		Mg/L	Eq. Wt.	MEq/L
Hydroxyl (OH-)		.00	17.00	.00
Carbonate (CO3=)		.00	30.00	.00
BiCarbonate (HCO3-)		2,224.04	61.10	36.40
Sulfate (SO4=)		800.00	48.80	16.39
Chloride (Cl-)		5,405.94	35.50	152.28
Total Iron (Fe)		0.07	18.60	.00
Total Dissolved Solids		12,907.50		
Total Hardness as CaCO3		2,889.16		
Conductivity MICROMHOS/CM		20,000		

pH 6.440 Specific Gravity 60/60 F. 1.009

CaSO4 Solubility @ 80 F. 12.83 MEq/L, CaSo4 scale is likely

## CaCO3 Scale Index

70.0	.145	100.0	.485	130.0	1.045
80.0	.265	110.0	.745	140.0	1.045
90.0	.485	120.0	.745	150.0	1.325

*Nalco Energy Services*



## Occidental Permian Limited Partnership

November 28, 2006

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

Attn: Environmental Engineering



RE: Remediation Plan  
North Hobbs Unit Satellite #32W-C 3" Steel Injection Line  
UL 'K', Sec. 32, T-18-S, R-38-E

Leak occurred on 11/27/2006, at approximately 09:00 AM. A 3" Steel Zaploc injection line used to transfer water from North Hobbs Unit Satellite #32W-C to the North Hobbs Unit Remote Header #32B developed a pin hole causing spill. Valves on both ends of the line, at the headers, were shut to isolate leak. The normal rate for the North Hobbs Unit Remote Header #32B 5000-7000 bbls/day at a pressure of about 1450 psig. The area affected by this spill is an area measuring approximately 60' wide and 180' long on the north side of North Hobbs Unit Satellite #32 W-C fence. The actual leak was at the east end of the Duke Meter Run outside the satellite fence. An estimated 20 barrels of produced water was spilled. 5 barrels of produced water were recovered via vacuum trucks. Occidental Permian LTD. is the surface owner and utilizes the surface for the production of oil and gas only. Depth to ground water according to State Engineers Office is an average of 50' for all wells in the area, giving this spill site a ranking of 10. Remediation of the spill site will be as follows:

-50'

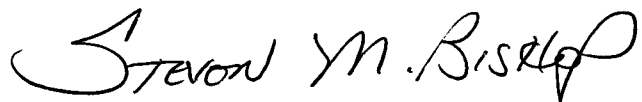
1. Piping will be excavated and repaired.
2. Affected area will be excavated and soil will be disposed of at Sundance Services, Parabo Faciltiy near Eunice, NM.
3. Soil samples will be gathered from affected area.
4. NMOCD guidelines will be used to insure entire site is in compliance with guidelines.
5. Any soils removed will be replaced with clean fresh soils, where needed.

November 28, 2006

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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.

A handwritten signature in black ink that reads "Steven M. Bishop". The signature is written in a cursive style with a large, stylized 'S' at the beginning.

Steven M. Bishop  
HES Technician/Hobbs RMT  
Steven\_Bishop@oxy.com  
(505) 397-8251

Attachments: Initial C-141

Hand drawn map of spill site

North Hobbs Unit Water Analysis taken at North Hobbs Unit North Inj. Btty