

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

RECEIVED

SEP 21 2009  
HOBBS

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 State of New Mexico	Mineral Owner Occidental Permian Limited Partnership	Lease No. API 30-025-28344
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### LOCATION OF RELEASE

Unit Letter 'K'	Section 4	Township 19-S	Range 38-E	Feet from the	North/South Line	Feet from the	East/West Line	County LEA
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Latitude North 32.68531° Longitude West 103.15397°

### NATURE OF RELEASE

Type of Release Injection Water	Volume of Release Estimated 1000 BW	Volume Recovered 260 Bbls
Source of Release 12" fiberglass injection trunk line	Date and Hour of Occurrence 09/11/2009 09:47 AM	Date and Hour of Discovery 09/11/2009 09:47 AM
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Maxey Brown	
By Whom? C J Summers	Date and Hour 09/11/2009 10:00 AM	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse. N/A	

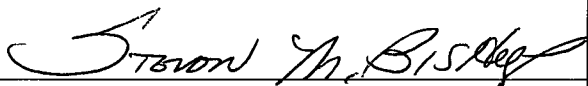
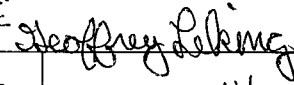
If a Watercourse was Impacted, Describe Fully.\* N/A

WATER 6/38

Describe Cause of Problem and Remedial Action Taken.\* A 12" fiberglass injection trunk line from South Hobbs Unit Central T/B to South Hobbs Unit H-Pump #8 ruptured causing spill. Isolated the trunk line by shutting valves at both ends. South Hobbs Unit #141 is the closest well and the API number for this well was used for this report.

Describe Area Affected and Cleanup Action Taken.\* Area affected is approximately 250' radius of leak site in the pasture. An estimated 1000 bbls of injection water was spilled and 260 bbls was recovered via vacuum trucks. Piping will be repaired, area excavated and samples taken from 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		ENV. ENGINEER: Approved by District Supervisor 	
Title: HES Specialist		Approval Date: 09/22/09	Expiration Date: 11/22/09
E-mail Address: Steven_Bishop@oxy.com		Conditions of Approval: DELINATE TO CLEAN + 1. SUBMIT FINAL C-141 BY	
Date: 09/17/2009	Phone: (575) 397-8251	Attached <input type="checkbox"/> IRP-09.10.2299	

\* Attach Additional Sheets If Necessary

F GRL 0928657461

# SPILL MAP

PLEASE DRAW SKETCH OF SPILL AND INDICATE WHERE SPILL ORIGINATED.

9/11/2009 12" FG H-Pump #8 LINE  
1000 BW Release, 260 BW Recovered  
N 32.68531°, W 103.15397°  
UL 'K' SEC 4, T-19-S, R-38-E

ST OF A/M SURFACE

Pipeline  
ROW

APPROX  
500' X 500'

Southern HOBBS UNIT  
⊕ WEL #141  
API 30-025-28304



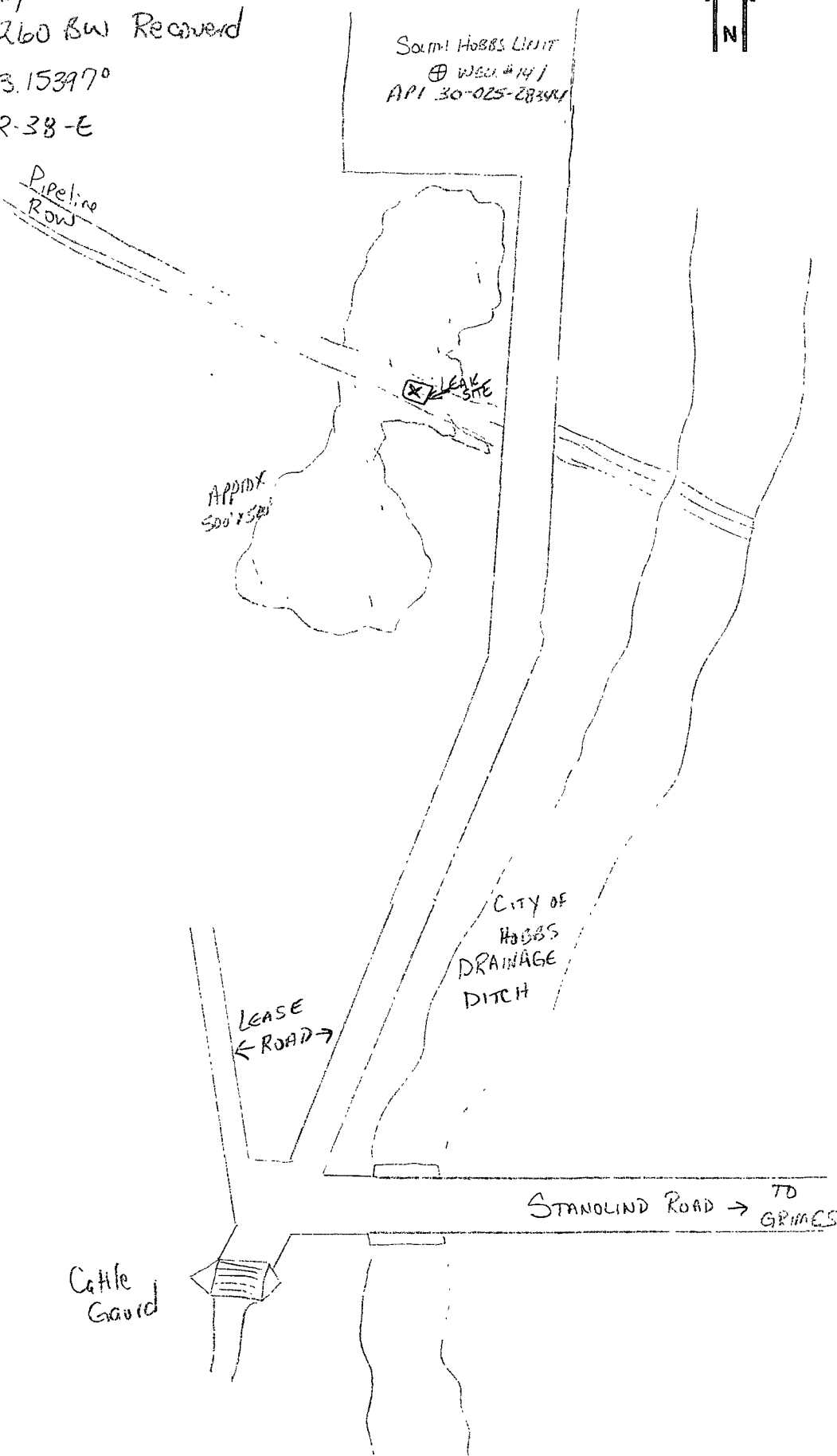
LEAK SITE

CITY OF  
HOBBS  
DRAINAGE  
DITCH

LEASE  
← ROAD →

STANOLIND ROAD → TO GRIMES

Cattle  
Guard



# MITCHELL ANALYTICAL LABORATORY

2638 Faudree  
Odessa, Texas 79765-8538  
561-5579

Company: **Nalco Company**

Well Number:	South Injection Battery	Sample Temp:	70
Lease:	OXY	Date Sampled:	7/29/2009
Location:	Hobbs	Sampled by:	Brian Rea
Date Run:	7/31/2009	Employee #:	27-022
Lab Ref #:	09-jul-n49196	Analyzed by:	DOM

## Dissolved Gases

		Mg/L	Eq. Wt.	MEq/L
Hydrogen Sulfide	(H <sub>2</sub> S)	182.00	16.00	11.38
Carbon Dioxide	(CO <sub>2</sub> )	<b>NOT ANALYZED</b>		
Dissolved Oxygen	(O <sub>2</sub> )	<b>NOT ANALYZED</b>		

## Cations

Calcium	(Ca++)	375.23	20.10	18.67
Magnesium	(Mg++)	178.90	12.20	14.66
Sodium	(Na+)	2,109.36	23.00	91.71
Barium	(Ba++)	<b>NOT ANALYZED</b>		
Manganese	(Mn+)	.01	27.50	.00

## Anions

Hydroxyl	(OH-)	.00	17.00	.00
Carbonate	(CO <sub>3</sub> =)	72.00	30.00	2.40
BiCarbonate	(HCO <sub>3</sub> -)	1,075.36	61.10	17.60
Sulfate	(SO <sub>4</sub> =)	340.00	48.80	6.97
Chloride	(Cl-)	3,481.83	35.50	98.08
Total Iron	(Fe)	0.06	18.60	.00
Total Dissolved Solids		7,814.74		
Total Hardness as CaCO <sub>3</sub>		1,671.57		
Conductivity MICROMHOS/CM		14,140		

pH	7.650	Specific Gravity 60/60 F.	1.005
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CaSO<sub>4</sub> Solubility @ 80 F.      14.99MEq/L,      CaSO<sub>4</sub> scale is unlikely

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

70.0	1.107	100.0	1.457	130.0	1.967
80.0	1.237	110.0	1.697	140.0	1.967
90.0	1.457	120.0	1.697	150.0	2.197

*Nalco Company*



## **Occidental Permian Limited Partnership**

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September 17, 2009

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

**RECEIVED**

**SEP 21 2009**

**HOBBSOCC**

Attn: Environmental Engineering

RE: Remediation Plan  
South Hobbs Unit 12" Injection Trunk line  
from Central T/B to H-Pump #8  
SHU #141 is closest well API No 30-025-28344  
UL 'K', Sec. 4, T-19-S, R-38-E

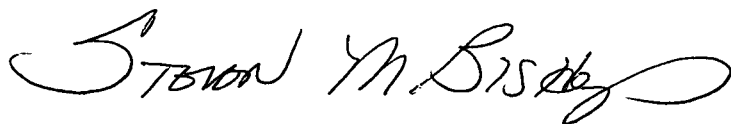
Leak occurred on 09/11/2009, at approximately 09:47 AM. A 12" fiberglass trunk line used to transfer injection water from South Hobbs Unit Central T/B to South Hobbs Unit H-Pump #8 ruptured causing spill. Valves on both ends of the trunk line were shut to isolate leak. The line operates at approximately 50 pounds with an approximate 12,000 bbls per day rate. The area affected by this spill is an area measuring approximately 250' radius of leak site in the pasture approximated 100 yards south of South Hobbs Unit Well #141. An estimated 1000 barrels of injection water was spilled, and 260 bbls was recovered via vacuum truck. The State of New Mexico is the surface owner but the surface is utilized for oil and gas production only. 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. Affected area will be excavated and soil disposed of at approved facility.
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.

September 17, 2009

Page 2

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 a large, stylized "S" at the beginning and a long, sweeping underline.

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 07/29/2009