

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 South Hobbs Unit Injection System	Facility Type Production	
Surface Owner City of Hobbs	Mineral Owner	Lease No.

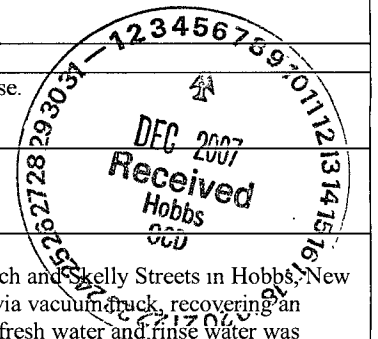
LOCATION OF RELEASE

Unit Letter "E"	Section 3	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 N32°41'24.30" Longitude W103°08'33.90"

NATURE OF RELEASE

Type of Release Injection Water	Volume of Release Est. 200 Bbls	Volume Recovered Est. 100 Bbls
Source of Release "8" Cement Lined Steel Injection Line	Date and Hour of Occurrence 11/11/2007 08:00 AM	Date and Hour of Discovery 11/11/2007 08:00 AM
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 11/11/2007 08:59 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		



Describe Cause of Problem and Remedial Action Taken.*
An 8" cement lined steel injection line, buried under Leech Street, approximately 150' south of the intersection of Leech and Skelly Streets in Hobbs, New Mexico developed a pin hole causing leak. Valves were closed isolating leak. All free standing fluid was picked up, via vacuum truck, recovering an estimated 100 bbls of water. Water entered a city storm drain at Shipp and Main Streets. All streets were rinsed with fresh water and rinse water was caught with vacuum trucks. Storm drain at Shipp and Main Streets was also over-flushed with fresh water.

Describe Area Affected and Cleanup Action Taken.*
Water ran along city streets from leaksite on Leech Street north to Skelly. Water ran east on Skelly to Cochran in the middle of Skelly. Water ran North on Cochran on the West side of the road to Midwest. Water turned and ran East on Midwest, on the south side of the road, crossing Thorp and Linam and turning north on Shipp Street. Water ran down the west side of Shipp to a storm drain at Shipp and Main Street and did enter the storm drain. All free standing fluid was picked up via vacuum trucks. An estimated 100 bbls of water was recovered, some being the rinse water used to clean streets. Streets were rinsed with fresh water. Storm drain was flushed with fresh water. Impact was minimal due to water running along curbing and pavement. One residence was impacted at 1114 South Leech. Action was taken with the landowner for cleanup and rebuild of his driveway. Hobbs Police and Fire Departments did respond to area. No further action is planned at this leaksite.

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 Supervisor <i>Johnson</i> ENVIRONMENTAL ENGINEER	
Title: HES Technician	Approval Date: 12.11.07	Expiration Date: —
E-mail Address: Steven_Bishop@oxy.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 12/05/2007	Phone: (505) 397-8251	

* Attach Additional Sheets If Necessary

RP# 1680



ANALYTICAL RESULTS FOR
OCCIDENTAL PERMIAN LTD. PARTNERSHIP
ATTN: STEVE BISHOP
1017 W. STANOLIND ROAD
HOBBS, NM 88240
FAX TO: (575) 397-8204

Receiving Date: 11/15/07
Reporting Date: 11/15/07
Project Number: NOT GIVEN
Project Name: SHU 8" INJ LEAK
Project Location: 1100 BLK LEECH

Sampling Date: 11/15/07
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: SB
Analyzed By: BC/KS

		GRO (C ₆ -C ₁₀) (mg/Kg)	DRO (>C ₁₀ -C ₂₈) (mg/Kg)	Cl* (mg/Kg)
LAB NUMBER	SAMPLE ID			
ANALYSIS DATE		11/15/07	11/15/07	11/15/07
H13719-1	DITCHLINE SE OF LEAK 30" DEP	<10.0	<10.0	<16
H13719-2	LEAK SITE UNDER PIPE 5' DEP	<10.0	<10.0	496
Quality Control		748	769	500
True Value QC		800	800	500
% Recovery		93.5	96.2	100.0
Relative Percent Difference		2.4	1.7	<0.1

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; Cl⁻: Std. Methods 4500-Cl⁻B

*Analyses performed on 1:4 w:v aqueous extracts.

Date _____

H13719A OCCI

PLEASE NOTE. **Liability and Damages.** Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by **Cardinal** within thirty (30) days after completion of the applicable service. In no event shall **Cardinal** be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by **Cardinal**, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
OCCIDENTAL PERMIAN LTD. PARTNERSHIP
ATTN: STEVE BISHOP
1017 W. STANOLIND ROAD
HOBBS, NM 88240
FAX TO: (575) 397-8204

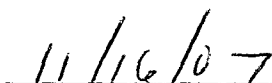
Receiving Date: 11/15/07
Reporting Date: 11/15/07
Project Number: NOT GIVEN
Project Name: SHU 8" INJ LEAK
Project Location: 1100 BLK LEECH

Sampling Date: 11/15/07
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: SB
Analyzed By: BC

LAB NO.	SAMPLE ID	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS DATE		11/15/07	11/15/07	11/15/07	11/15/07
H13719-1	DITCHLINE SE OF LEAK 30" DEP	<0.002	<0.002	<0.002	<0.006
H13719-2	LEAK SITE UNDER PIPE 5' DEP	<0.002	<0.002	0.004	0.028
Quality Control		0.113	0.107	0.110	0.317
True Value QC		0.100	0.100	0.100	0.300
% Recovery		113	107	110	106
Relative Percent Difference		3.3	8.6	6.6	6.3

METHOD: EPA SW-846 8260


Chemist


Date 11/16/07

PLEASE NOTE Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. H13719-1, H13719-2 shall be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.



(915) 673-7001 Fax (915) 673-7020 (505) 393-2326 Fax (505) 393-2476

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† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476.



WATER PATH

11/11/2007

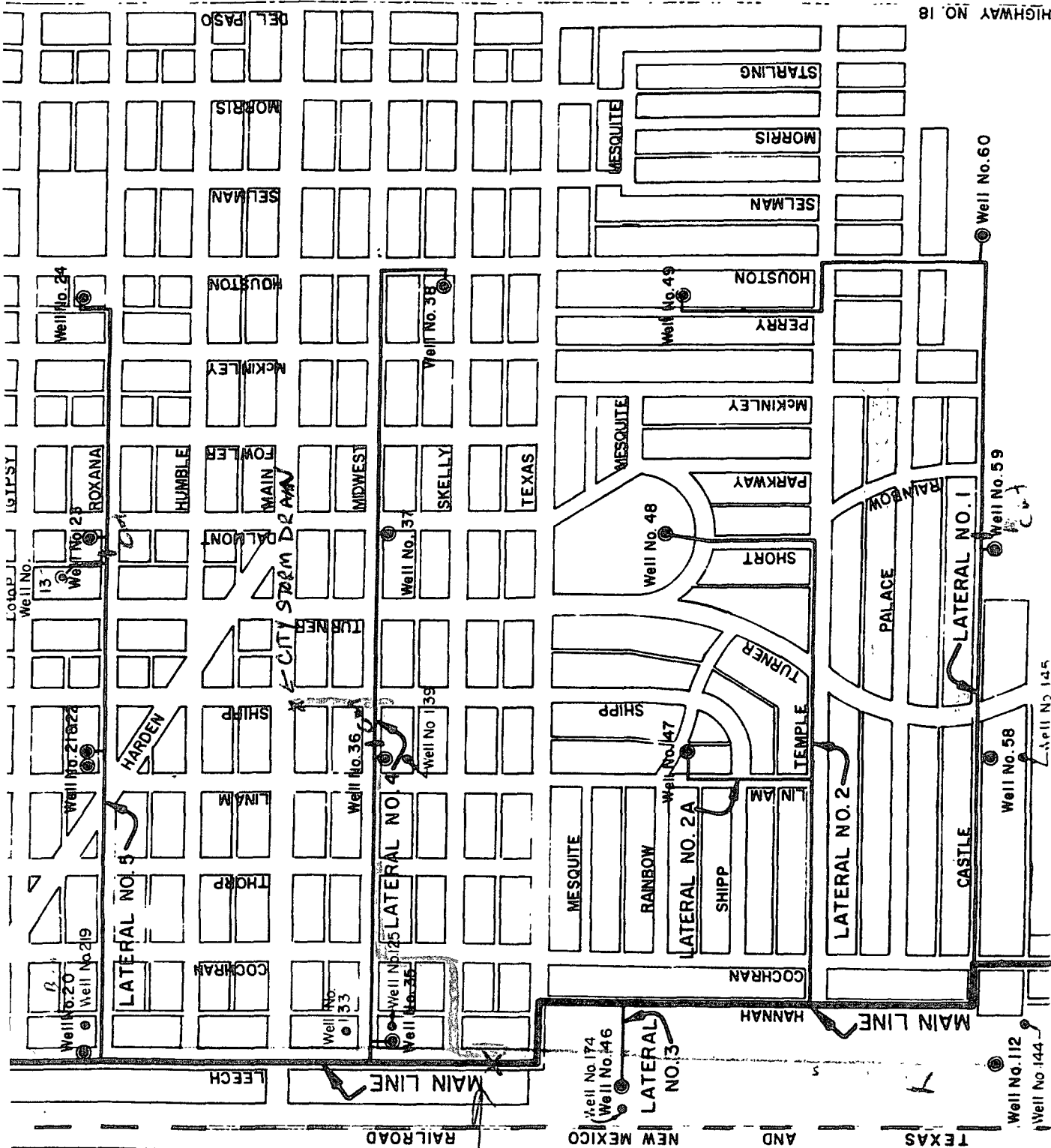
DRY PERMAN LTD.

Leak 5.17C
1100 BUX 5. Leech

8" Cement lined Steel

1100 PSI 8

36,000 bbl/day



UNIT LETTER 'E' SEC 3, T-19-S, R-38-E

N 32°41'24.30" W 103°02'33.90"

MITCHELL ANALYTICAL LABORATORY

2638 Faudree
Odessa, Texas 79765-8538
561-5579

Company: **Nalco Company**

Well Number: SHU Pump 2
Lease: OXY
Location:
Date Run: 8/17/2007
Lab Ref #: 07-AUG-n36045

Sample Temp: 70
Date Sampled: 8/15/2007
Sampled by: Kevin Chiles
Employee #:
Analyzed by: DOM

Dissolved Gases

		Mg/L	Eq. Wt.	MEq/L
Hydrogen Sulfide	(H ₂ S)	268.00	16.00	16.75
Carbon Dioxide	(CO ₂)	NOT ANALYZED		
Dissolved Oxygen	(O ₂)	NOT ANALYZED		

Cations

Calcium	(Ca++)	426.12	20.10	21.20
Magnesium	(Mg++)	161.04	12.20	13.20
Sodium	(Na+)	3,164.18	23.00	137.57
Barium	(Ba++)	NOT ANALYZED		
Manganese	(Mn+)	.06	27.50	.00

Anions

Hydroxyl	(OH-)	.00	17.00	.00
Carbonate	(CO ₃ =)	.00	30.00	.00
BiCarbonate	(HCO ₃ -)	1,564.16	61.10	25.60
Sulfate	(SO ₄ =)	400.00	48.80	8.20
Chloride	(Cl-)	4,905.39	35.50	138.18
Total Iron	(Fe)	0.03	18.60	.00
Total Dissolved Solids		10,888.98		
Total Hardness as CaCO ₃		1,725.56		
Conductivity MICROMHOS/CM		14,950		

pH 7.340

Specific Gravity 60/60 F. 1.008

CaSO₄ Solubility @ 80 F. 14.53 MEq/L, CaSO₄ scale is unlikely

CaCO₃ Scale Index

70.0	.987	100.0	1.337	130.0	1.847
80.0	1.117	110.0	1.577	140.0	1.847
90.0	1.337	120.0	1.577	150.0	2.077

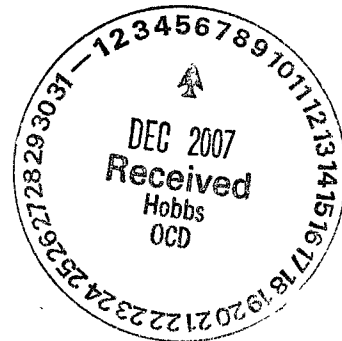
Nalco Company



Occidental Permian Limited Partnership

December 05, 2007

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



Attn: Environmental Engineering

RE: Remediation Plan
South Hobbs Unit 8" Injection Trunk Line
1100 Block of South Leech Street
UL 'E', Sec. 3, T-19-S, R-38-E
RP - UNKNOWN

Leak occurred on 11/11/2007, at approximately 08:00 AM. An 8" cement lined steel trunk line used to transfer injection water from South Hobbs Unit Central T/B to South Hobbs Unit Injection wells along Leech Street ruptured causing spill. Valves on both ends of the trunk line were shut to isolate leak. The line operates at approximately 1100 pounds and has a rate of approximately 36,000 barrels per day. Produced water ran along curbs from leak site north and east to a city storm drain at the intersection of Shipp and Main Streets in Hobbs, NM. Please see the attached map showing the water route. An estimated 200 barrels of injection water was spilled, no oil was spilled. All fluid possible was picked up via vacuum truck, recovering 100 bbls, some water recovered was rinse water. Fresh water was used to rinse water route area and over flush the city storm drain at Shipp and Main. Damage to area is minimal due to mostly cement and pavement along the water route. Area of spill site was remediated. Depth to ground water according to State Engineers Office is an average of 46', for all wells in the area, giving this spill site a ranking of 20. Remediation of the spill site was as follows:

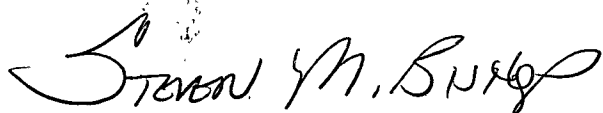
1. Piping was excavated and repaired.
2. Soil samples were gathered from ditch line at spill site.
3. NMOCD guidelines were used to insure entire site is in compliance with guidelines.
4. Soils removed will be replaced with clean fresh soils, where needed.
5. City Streets will be repaired to City Engineering Specs.
6. Soil analysis data is being submitted with this letter. Please see attached Cardinal Laboratories analysis, dated 11/16/07, attached.

December 5, 2007

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Oxy Permian feels that no further impact will result from this spill site. At the time of this letter the city street has not been repaired but the city contractor has been contacted and will repair the pavement to city specifications when they are able. No further work is planned at this site.

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 prominent than the last name "Bishop".

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

Attachments: Final C-141

Cardinal Laboratories soil analysis dated 11/16/07

Hand drawn map of spill site and water route

Analytical data of South Hobbs Unit Injection Water dated 08/15/2007