

MARTIN YATES, III

1912-1985

FRANK W. YATES

1936-1986



105 SOUTH FOURTH STREET  
ARTESIA, NEW MEXICO 88210-2118  
TELEPHONE (505) 748-1471

S.P. YATES  
CHAIRMAN EMERITUS

JOHN A. YATES  
CHAIRMAN OF THE BOARD

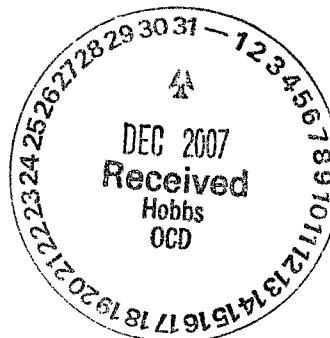
PEYTON YATES  
PRESIDENT

FRANK YATES, JR.  
EXECUTIVE VICE PRESIDENT

JOHN A. YATES, JR.  
SENIOR VICE PRESIDENT

December 28, 2007

Mr. Chris Williams  
NMOCD District I  
1625 French Drive  
Hobbs, NM 88240



Re: Tenneco SWD Battery  
1RP-1659  
30-025-25762  
Section 11, T11S-R34E  
Lea County, New Mexico

Dear Mr. Williams:

Yates Petroleum Corporation would like to submit for your consideration the enclosed work plan for the above captioned battery, this work plan address' the release which occurred on October 26, 2007 and corrective actions.

If you have any questions call me at (505) 748-4217

Thank you.

YATES PETROLEUM CORPROATION

Robert Asher  
Environmental Regulatory Agent

Enclosure(s)

OK-  
Chris Williams  
1/9/08

**I. Location**

The well is located approximately 10 miles northwest of Tatum, NM; approximately 6 miles north of U. S. Highway 380 as represented by the attached , Johnson Ranch, NM, USGS Quadrangle Map.

**II. Background**

On November 7, 2007, Yates submitted to the NMOCD District I office a C-141 report reflecting a release of approximately 100 barrels of produced water from suction line on a transfer pump that broke, resulting in the produced water release from tank, the line has been repaired. The affected area is approximately 42 feet by 110 feet. Contaminated soils are being excavated and taken to an OCD approved facility and samples were taken and sent to an OCD approved laboratory (sample diagram enclosed).

**III. Surface and Ground Water**

Area surface geology is Cenozoic. The nearest groundwater of record listed on the ChevronTexaco, Lea County Depth to Groundwater Water Well Facilities Trend Map dated 2/9/2005 shows depth to groundwater approximately 30 feet making the site ranking a twenty (20). Watercourses in the area are dry.

The ranking for this site is twenty (20) based on the as following:

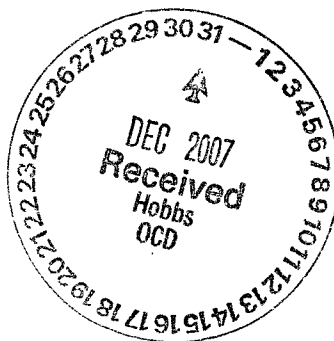
Depth to ground water	< 50'
Wellhead Protection Area	> 1000'
Distance to surface water body	> 1000'

**IV. Soils**

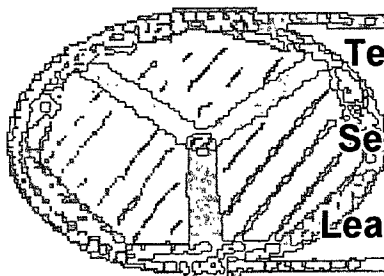
The area consists of native soils, interspersed with caliche and clay seams providing a low permeability barrier to retard vertical percolation of contaminants into the subsurface.

**V. Scope of Work**

Upon approval of this work plan, Yates Petroleum Corporation will have a contractor continue excavation of contaminated soils to an approximate total depth of 2.5 feet (soils taken to an OCD approved facility) and take soil samples within the effected area. These samples will be sent to a certified lab and analyzed for BTEX, TPH and Chlorides (for reference purposes). Based on the Total Ranking Score of twenty (20), the RRAL's for BTEX is 50 ppm and TPH is 100 ppm. If these results are above OCD guidelines, then continued remediation will be implemented. If lab analysis reflects closure levels then Yates will contact the Oil Conservation Division to give opportunity to witness a final sampling event. A final C-141 and attached analytical results will be submitted to the OCD requesting closure.



**Yates Petroleum Corporation**

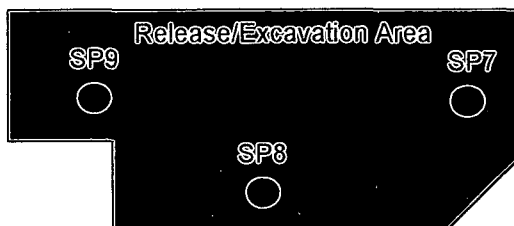
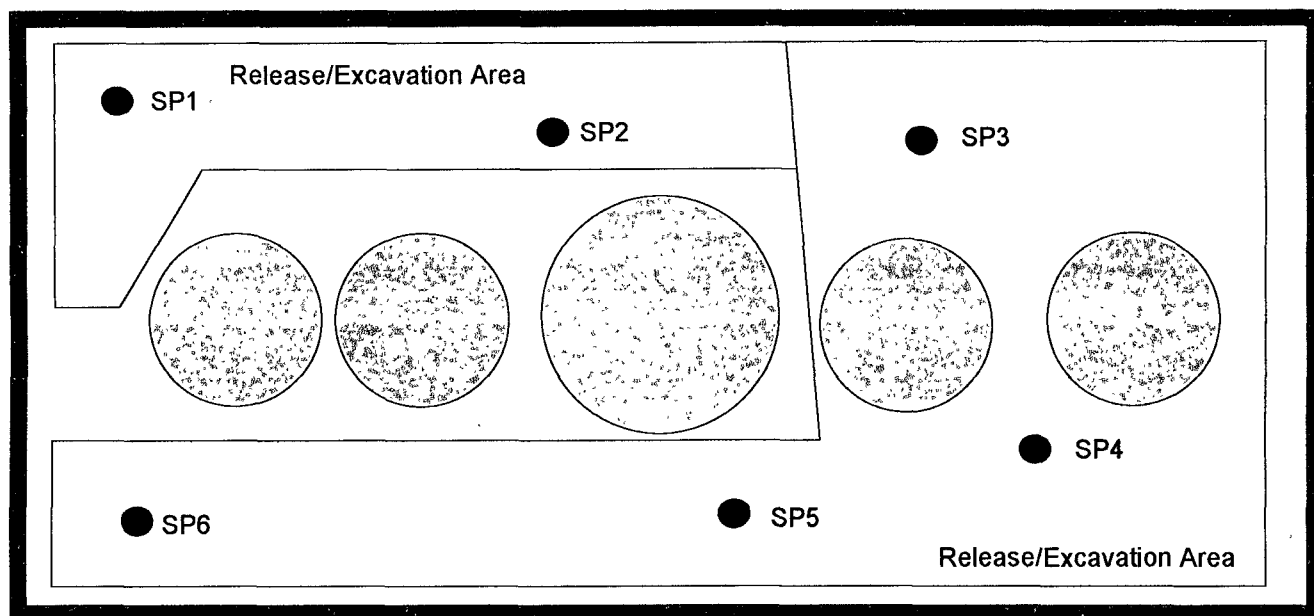


**Tenneco SWD Battery**

**Section 11, T11S-R34E**

**Lea County, New Mexico**

**December 28, 2007**



Sample ID	Sample Date	Sample Type	Depth	Chlorides	BTEX	TPH (GRO)	TPH (DRO)	TPH (TOTAL)
SP1	11/5/2007	Grab	24"	4,350	0.793	681	687	1368.0
SP2	11/5/2007	Grab	24"	2,060	<0.020	20.8	2790	2810.8
Sample ID	Sample Date	Sample Type	Depth	Chlorides	BTEX	TPH (GRO)	TPH (DRO)	TPH (TOTAL)
SP3	11/5/2007	Grab	12"	4840	<0.010	2.78	<50.0	<50.0
SP4	11/5/2007	Grab	12"	3200	<0.010	1.65	<50.0	<50.0
SP5	11/5/2007	Grab	12"	5430	<0.010	1.25	<50.0	<50.0
SP6	11/5/2007	Grab	12"	7350	<0.010	1.00	<50.0	<50.0
Sample ID	Sample Date	Sample Type	Depth	Chlorides	BTEX	TPH (GRO)	TPH (DRO)	TPH (TOTAL)
SP7	11/5/2007	Grab	12"	<100	<0.010	<1.0	<50.0	<50.0
SP8	11/5/2007	Grab	12"	4840	0.0422	<1.0	<50.0	<50.0
SP9	11/5/2007	Grab	12"	4830	<0.010	<1.0	<50.0	<50.0

Site Ranking is Twenty (20). Depth to Ground Water < 50' (approx. 30'). All results are ppm.



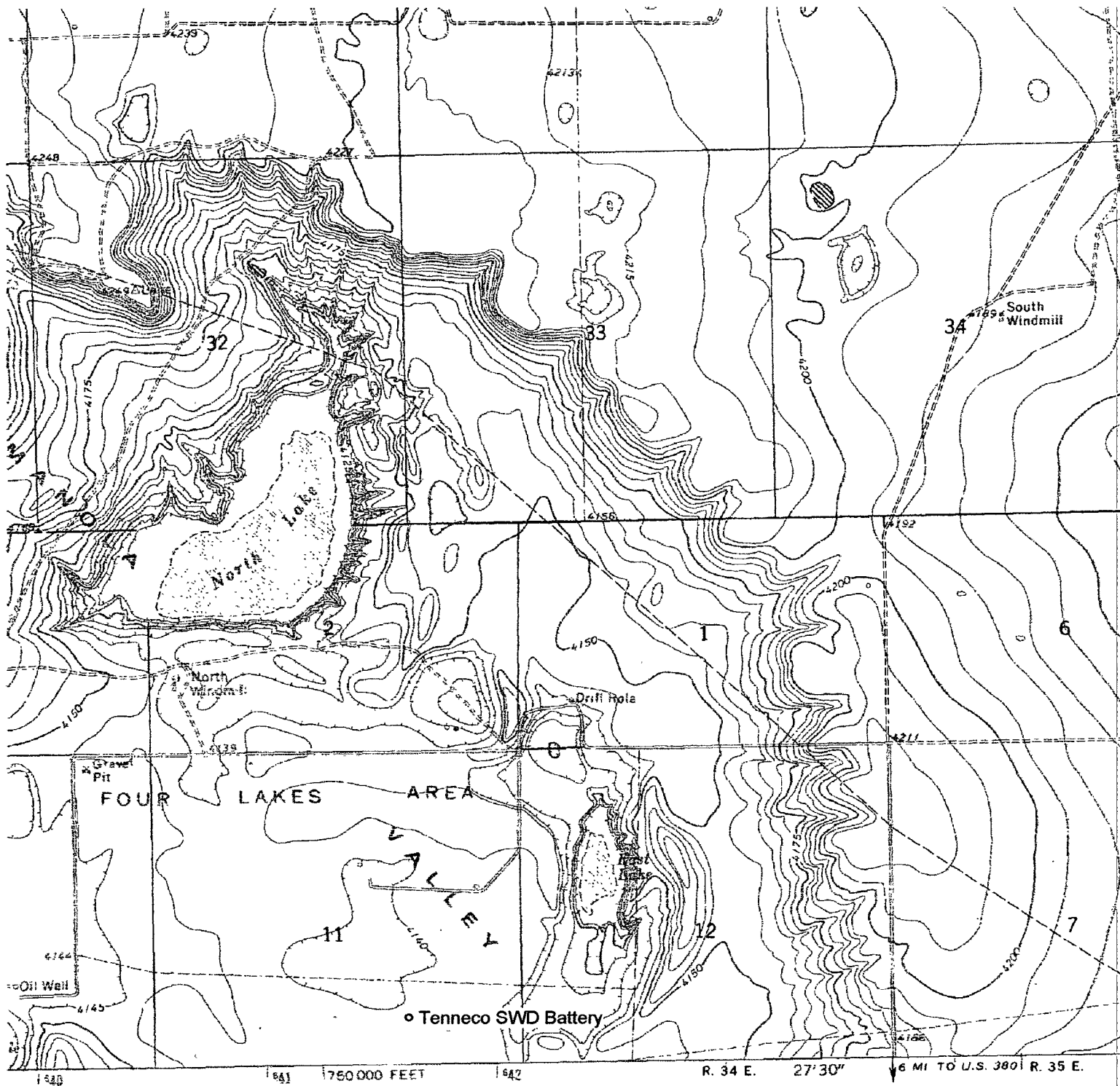
**Tenneco SWD Battery**

**Section 11, T11S-R34E**

**Lea County, NM**

**EXHIBIT**  
Sample Diagram (Not to Scale)

Prepared by Robert Asher  
Environmental Regulatory Agent  
December 28, 2007



edited, and published by the Geological Survey

USGS and NOS/NOAA

by photogrammetric methods from aerial photographs

B. Topography by planetable surveys 1970

projection. 10,000-foot grid ticks based on New Mexico

system, east zone

er Universal Transverse Mercator grid ticks,

shown in blue

in American Datum

in the predicted North American Datum 1983

projection lines 7 meters south and

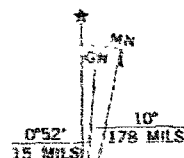
east as shown by dashed corner ticks

dashed lines indicate selected fence lines

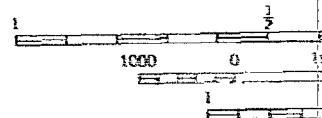
shown in purple and woodland compiled from aerial

photos taken 1982 and other sources. This information

checked. Map edited 1984



UTM GRID AND 1984 MAGNETIC NORTH  
DECLINATION AT CENTER OF SHEET



MA

THIS MAP IS  
FOR SALE BY U. S. GEOLOGICAL SURVEY  
A FOLDER DESCRIBING

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 YATES PETROLEUM CORPORATION	OGRID Number 25575	Contact SHERRY BONHAM
Address 105 S 4 <sup>TH</sup> STREET	API Number	Telephone No. 505 748.1471
Facility Name TENNECO SWD BATTERY		Facility Type TANK BATTERY
Surface Owner STATE	Mineral Owner STATE	Lease No

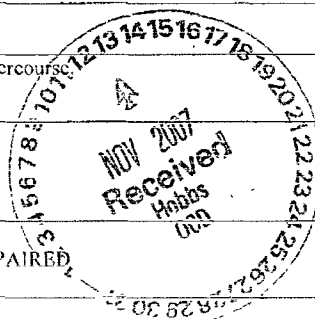
LOCATION OF RELEASE

Unit Letter J	Section 11	Township 11S	Range 34E	Feet from the	North/South Line	Feet from the	East/West Line	County Lea
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Latitude 33.37686 Longitude 103.47755

NATURE OF RELEASE

Type of Release PRODUCED WATER	Volume of Release 100 B/PW	Volume Recovered 75 B/PW
Source of Release TANK	Date and Hour of Occurrence 10/26/07 1200 HRS	Date and Hour of Discovery 10/26/07 1300 HRS
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? PAT RICHARDS VIA PHONE CALL and FOLLOW-UP E-MAIL	
By Whom? SHERRY BONHAM	Date and Hour 10/26/07 1325 HRS	
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.* SUCTION LINE ON TRANSFER PUMP BROKE OFF RESULTING IN FLUID LOSS FROM TANK. LINE REPAIRED		
Describe Area Affected and Cleanup Action Taken * APPROXIMATELY 42' X 110' AREA IMPACTED. RELEASE WATER CHLORIDE CONTENT APPROXIMATELY 20,661.0 mg/L FREE STANDING FLUIDS RECOVERED BY VACUUM TRUCK. EXCAVATED RELEASE-IMPACTED SOILS AND HAULED TO DISPOSAL FACILITY. SOIL SAMPLES OBTAINED AND SUBMITTED TO LABORATORY TO BE ANALYZED FOR BTEX, TPH, AND CHLORIDES. SHOULD ANALYTICALS REPORT BTEX OR TPH TO BE OVER RRALS, A REMEDIATION PLAN WILL BE SUBMITTED TO OCD. CHLORIDES WILL BE DOCUMENTED. SHOULD ANALYTICAL REPORT FOR BTEX OR TPH BE BELOW RRALS. A FINAL C-141 WILL BE SUBMITTED TO OCD REQUESTING CLOSURE FOR RELEASE OCCURRING OCTOBER 26, 2007		
Depth to Ground Water: <u>&lt;50'</u> ; Wellhead Protection Area: <u>&gt;1000'</u> ; Distance to Surface Water Body: <u>&gt;1000'</u> . Site Ranking: <u>20</u>		



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: Sherry Bonham		Approved by District Supervisor:	
Title: Environmental Regulatory Agent		Approval Date: <u>11/14/07</u>	Expiration Date: <u>2/14/07</u>
E-mail Address: <u>sherryb@ypcnm.com</u>		Conditions of Approval:	
Date: November 7, 2007 Phone: 505.748.1471		Attached <input type="checkbox"/>	

\* Attach Additional Sheets If Necessary

RP# 1659