

1R - 259

**GENERAL
CORRESPONDENCE**

YEAR(S):
1999-1998



Highlander Environmental Corp.

Midland, Texas

June 14, 1999

Mr. Wayne Price
Petroleum Engineer Specialist
New Mexico Oil Conservation Division
Environmental Bureau
2040 S. Pacheco
Santa Fe, New Mexico 87505

Re: Monitor Well Plugging Reports, William Weir Tank Battery (Closed), SW/4, NW/4, NW/4, Section 25, Township 19 South, Range 36 East, Lea County, New Mexico

Dear Mr. Price:

On behalf of Texaco Exploration and Production, Inc. (Texaco), please find enclosed plugging reports for monitor wells MW-1, MW-2 and MW-3, located at the above-referenced Site (Appendix A). Scarborough Drilling, Inc., Lamesa, Texas, plugged the wells on April 30, 1999, in accordance with correspondence from the New Mexico Oil Conservation Division, dated April 10, 1999 (Appendix B).

Please call Mr. Rodney Bailey with Texaco at (505) 397-0422 or myself at (915) 682-4559 if you have questions.

Sincerely,
Highlander Environmental Corp.

Mark J. Larson
Senior Project Manager

Encl.

cc: Mr. Rodney Bailey
Ms. Donna Williams, OCD-Hobbs District

APPENDIX A

Monitor Well Plugging Reports



STATE ENGINEER OFFICE WELL RECORD

Section 1. GENERAL INFORMATION

(A) Owner of well Texaco Exploration & Production Owner's Well No. MW-1
 Street or Post Office Address PO Box 3109
 City and State Midland, TX 79702

Well was drilled under Permit No. _____ and is located in the:

Cooper Ranch-William Weir Tank Battery

a. _____ $\frac{1}{4}$ _____ $\frac{1}{4}$ _____ $\frac{1}{4}$ of Section _____ Township _____ Range _____ N.M.P.M.

b. Tract No. _____ of Map No. _____ of the _____

c. Lot No. _____ of Block No. _____ of the _____
 Subdivision, recorded in Lea County.

d. X= _____ feet, Y= _____ feet, N.M. Coordinate System _____ Zone in the _____ Grant.

(B) Drilling Contractor Scarborough Drilling, Inc. License No. WD 1188

Address 122 N. 24th, Lamesa, TX 79331

Drilling Began 9-22-97 Completed 9-23-97 Type tools air rotary Size of hole 5 in.

Elevation of land surface or _____ at well is _____ ft. Total depth of well 22 ft.

Completed well is ☒ shallow ☐ artesian. Depth to water upon completion of well 10.93 ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet		Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)
From	To			

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet		Length (feet)	End of Box	Perforations	
			Top	Bottom			From	To
2	sch 40 pvc		0	7		.020 screen	7	22

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet		Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement
From	To				
22	5	5	8-16 silica sand		poured
5	2	5	bentonite chips		poured; hydrated in place
2	0	5	cement		poured

Section 5. PLUGGING RECORD

Plugging Contractor Scarborough Drilling, Inc.

Address 122 N. 24th, Lamesa, TX 79331

Plugging Method cement/bentonite

Date Well Plugged April 30, 1999

Plugging approved by: _____

State Engineer Representative

No.	Depth in Feet		Cubic Feet of Cement
	Top	Bottom	
1	0	17	1.5 bags
2	17	22	.5 " bent.
3			chips
4			

FOR USE OF STATE ENGINEER ONLY

Date Received

Quad _____ FWL _____ FSL _____

File No. _____ Use _____ Location No. _____

STATE ENGINEER OFFICE WELL RECORD

Section 1. GENERAL INFORMATION

(A) Owner of well Texaco Exploration & Production Owner's Well No. MW-2
 Street or Post Office Address PO Box 3109
 City and State Midland, TX 79702

Well was drilled under Permit No. _____ and is located in the:

Cooper Ranch-William Weir Tank Battery

a. $\frac{1}{4}$ $\frac{1}{4}$ $\frac{1}{4}$ $\frac{1}{4}$ of Section _____ Township _____ Range _____ N.M.P.M.

b. Tract No. _____ of Map No. _____ of the _____

c. Lot No. _____ of Block No. _____ of the _____
 Subdivision, recorded in Lea County.

d. X= _____ feet, Y= _____ feet, N.M. Coordinate System _____ Zone in
 the _____ Grant.

(B) Drilling Contractor Scarborough Drilling, Inc. License No. WD 1188

Address 122 N. 24th, Lamesa, TX 79331

Drilling Began 9-22-97 Completed 9-23-97 Type tools air rotary Size of hole 5 in.

Elevation of land surface or _____ at well is _____ ft. Total depth of well 22 ft.

Completed well is ☒ shallow ☐ artesian. Depth to water upon completion of well 10.61 ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet		Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)
From	To			

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet		Length (feet)	Base Case	Perforations	
			Top	Bottom			From	To
2	sch 40 pvc		0	7		.020 screen	7	22

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet		Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement
From	To				
22	5	5	8-16 silica sand		poured
5	2	5	bentonite chips		poured; hydrated in place
2	0	5	cement		poured

Section 5. PLUGGING RECORD

Plugging Contractor Scarborough Drilling, Inc.

Address 122 N. 24th, Lamesa, TX

Plugging Method cement/bentonite

Date Well Plugged 4-30-99

Plugging approved by: _____

State Engineer Representative

No.	Depth in Feet		Cubic Feet of Cement
	Top	Bottom	
1	0	17	1.5 bags
2	17	22	.5 bag bent
3			chips
4			

FOR USE OF STATE ENGINEER ONLY

Date Received _____

Quad _____ FWL _____ FSL _____

File No. _____ Use _____ Location No. _____

STATE ENGINEER OFFICE WELL RECORD

Section 1. GENERAL INFORMATION

(A) Owner of well Texaco Exploration & Production Owner's Well No. MW-3
 Street or Post Office Address PO Box 3109
 City and State Midland, TX 79702

Well was drilled under Permit No. _____ and is located in the:
Cooper Ranch-William Weir Tank Battery

a. _____ $\frac{1}{4}$ _____ $\frac{1}{4}$ _____ $\frac{1}{4}$ _____ $\frac{1}{4}$ of Section _____ Township _____ Range _____ N.M.P.M.

b. Tract No. _____ of Map No. _____ of the _____

c. Lot No. _____ of Block No. _____ of the _____
 Subdivision, recorded in Lea County.

d. X= _____ feet, Y= _____ feet, N.M. Coordinate System _____ Zone in
 the _____ Grant.

(B) Drilling Contractor Scarborough Drilling, Inc. License No. WD 1188

Address 122 N. 24th, Lamesa, TX 79311

Drilling Began 9-22-97 Completed 9-23-97 Type tools air rotary Size of hole 5 in.

Elevation of land surface or _____ at well is _____ ft. Total depth of well 22 ft.

Completed well is ☒ shallow ☐ artesian. Depth to water upon completion of well 9.14 ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet		Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)
From	To			

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet		Length (feet)	Type of Casing	Perforations	
			Top	Bottom			From	To
2	sch 40 pvc		0	7		.020 screen	7	22

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet		Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement
From	To				
22	5	5	8-16 silica sand		poured
5	2	5	bentonite chips		poured;hydrated in place
2	0	5	cement		poured

Section 5. PLUGGING RECORD

Plugging Contractor Scarborough Drilling, Inc.
 Address 122 N. 24th, Lamesa, TX 79331
 Plugging Method cement/bentonite
 Date Well Plugged 4-30-99
 Plugging approved by: _____

State Engineer Representative

No.	Depth in Feet		Cubic Feet of Cement
	Top	Bottom	
1	0	17	1.5 bags
2	17	22	.5 bag bent.
3			chips
4			

FOR USE OF STATE ENGINEER ONLY

Date Received

Quad _____ FWL _____ FSL _____

File No. _____ Use _____ Location No. _____

APPENDIX B

**NMOCD Correspondence
April 10, 1999**





NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

April 10, 1999

CERTIFIED MAIL
RETURN RECEIPT NO. P 288 259 109

Mr. Rodney Bailey
Texaco E&P Inc.
205 E. Bender Blvd.
Hobbs, NM 88240

Re: Pit Closure, William Weir Tank Battery, SW/4,NW/4,NW/4, Sec 25-Ts19s-R36e, Lea County,
NM.

Dear Mr. Bailey:

The New Mexico Oil Conservation Division (NMOCD) is in receipt of Texaco E&P Inc.'s (TEPI) closure report submitted by Highlander dated March 3, 1999. NMOCD hereby approves of the closure plan subject of the following conditions:

1. TEPI shall submit documentation on plugging of the Monitor wells.
2. All monitor wells shall be filled with cement/bentonite (3-5%) grout mixture filled from bottom to top.

If the above information is submitted by June 15, 1999 then NMOCD will not require any further action and the site will be considered closed.

Please be advised that NMOCD approval of this plan does not relieve TEPI of liability should their operations failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD approval does not relieve TEPI of responsibility for compliance with any other federal, state, or local laws and/or regulations.

If you require any further information or assistance please do not hesitate to write or call me at (505-827-7155).

Sincerely Yours,

Wayne Price-Pet. Engr. Spec.
Environmental Bureau

cc: OCD Hobbs Office



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

April 10, 1999

CERTIFIED MAIL
RETURN RECEIPT NO. P 288 259 102

Mr. Rodney Bailey
Texaco E&P Inc.
205 E. Bender Blvd.
Hobbs, NM 88240

Re: Pit Closure, William Weir Tank Battery, SW/4,NW/4,NW/4, Sec 25-Ts19s-R36e, Lea County,
NM.

Dear Mr. Bailey:

The New Mexico Oil Conservation Division (NMOCD) is in receipt of Texaco E&P Inc.'s (TEPI) closure report submitted by Highlander dated March 3, 1999. NMOCD hereby approves of the closure plan subject of the following conditions:

1. TEPI shall submit documentation on plugging of the Monitor wells.
2. All monitor wells shall be filled with cement/bentonite (3-5%) grout mixture filled from bottom to top.

If the above information is submitted by June 15, 1999 then NMOCD will not require any further action and the site will be considered closed.

Please be advised that NMOCD approval of this plan does not relieve TEPI of liability should their operations failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD approval does not relieve TEPI of responsibility for compliance with any other federal, state, or local laws and/or regulations.

If you require any further information or assistance please do not hesitate to write or call me at (505-827-7155).

Sincerely Yours,

Wayne Price-Pet. Engr. Spec.
Environmental Bureau

cc: OCD Hobbs Office



Highlander Environmental Corp.

Midland, Texas

March 3, 1999

Mr. Wayne Price
New Mexico Oil Conservation Division
Environmental Bureau
2040 S. Pacheco
Santa Fe, New Mexico 87505

**Re: Pit Closure Report, William Weir Tank Battery (Closed), SW/4, NW/4, NW/4,
Section 25, Township 19 South, Range 36 East, Lea County, New Mexico, March 1,
1999**

Dear Mr. Price:

Please find enclosed one copy of the above-referenced report. The report details remediation activities conducted at the former Texaco Exploration and Production, Inc., William Weir Tank Battery (closed), located near Monument, New Mexico. The remediation activities included excavation and removal of hydrocarbon impacted soil from the pit and quarterly groundwater monitoring.

Please call Mr. Rodney Bailey with Texaco at (505) 397-0422 or myself at (915) 682-4559 if you have questions.

Sincerely,
Highlander Environmental Corp.

Mark J. Larson
Senior Project Manager

Encl.

cc: Mr. Rodney Bailey
Ms. Donna Williams, OCD-Hobbs District

CC: C WILLIAMS
B OLSON
SILB-TEXACO

NEW MEXICO OIL CONSERVATION COMMISSION
FIELD TRIP REPORT

INSPECTION	CLASSIFICATION	FACILITY	HOURS	QUARTER HOURS
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Name WAYNE PRICE Date 2/12/78 Miles _____ District I
 Time of Departure 7 AM Time of Return 4 PM Car No. G 04721

In the space below indicate the purpose of the trip and the duties performed, listing wells or leases visited and any action taken.

Signature W Price

TEXACO WILLIAM WEA - COOPER RANCH NW/4 25-19-36
 PIT & BATH REMEDIATION PROJECT -

INSPECTED SITE & TOOK PICTURES

OLD PIT EXCAVATED DOWN TO GROUND-WATER
 SLIGHT OIL SHEEN, PROBABLY FROM CONTAMINATED
 SOIL!

TEXACO/HIGHLANDER WILL DIG HOLE IN BOTTOM
 & SAMPLE FOR GROUND WATER CONTAMINATION!

IF GROUND WATER IMPACTED, NMOC-ENVR BUREAU
 WILL BE NOTIFIED!

<u>Mileage</u>	<u>Per Diem</u>	<u>Hours</u>
UIC _____	UIC _____	UIC _____
RFA _____	RFA _____	RFA _____
Other _____	Other _____	Other _____

- | TYPE INSPECTION PERFORMED | INSPECTION CLASSIFICATION | NATURE OF SPECIFIC WELL OR FACILITY INSPECTED |
|---------------------------|---|---|
| H = Housekeeping | U = Underground Injection Control - Any inspection of or related to injection project, facility, or well or resulting from injection into any well. (SWD, 2ndry injection and production wells, water flows or pressure tests, surface injection equipment, plugging, etc.) | D = Drilling |
| P = Plugging | R = Inspections relating to Reclamation Fund Activity | P = Production |
| C = Plugging Cleanup | O = Other - Inspections not related to injection or The Reclamation Fund | I = Injection |
| T = Well Test | E = Indicates some form of enforcement action taken in the field (show immediately below the letter U, R or O) | C = Combined prod. inj. operations |
| R = Repair/Workover | | S = SWD |
| F = Waterflow | | U = Underground Storage |
| M = Mishap or Spill | | G = General Operation |
| W = Water Contamination | | F = Facility or location |
| O = Other | | M = Meeting |
| | | O = Other |



<No. 13>023 45-02 NHHH-05BU 031

829284



LOOK SOUTH

829289

2/12/98 - BY 2 PRICE

TEXACO - WILLIAM WEAVER
COOPER RANCH (SPRING)
NW/4 25-19-36

CH 110020 45-02 NNNNNN 0790 031



**NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT**

OIL CONSERVATION DIVISION
DISTRICT I HOBBS
PO BOX 1980, Hobbs, NM 88241
(505) 393-6161
FAX (505) 393-0720

Jennifer A. Salisbury
CABINET SECRETARY

January 24, 1998

Mr. Rodney Bailey
Texaco E & P
205 E. Bender Blvd.
Hobbs, NM 88240

Re: Subsurface Environmental Assessment Report and Work Plan, William Weir Tank Battery
(Abandoned) ; Location sw/4,nw/4,nw/4 Sec 25, Ts19s-R36e, Lea Co. NM.

New Mexico Oil Conservation Division (NMOCD) is in receipt of the above referenced document.
The NMOCD hereby approves of the work plan with the following additional conditions:

1. "OCD APPROVAL CONDITIONS FOR RCRA EXEMPT UNLINED PIT CLOSURES"
(Attached hereto).
2. Texaco shall sample any groundwater encountered during excavated. The sample analysis requirements will be pursuant to WQCC rules & regulations and/or NMOCD rule 19. This requirement is due to the close proximity (less than 200 feet) to the Cooper Ranch Monument Spring and Seep.
3. Texaco shall reference and include the physical location on all future submittals.
4. The NMOCD would like to receive a closure report within one year of today's date if feasible.
5. Texaco shall notify the NMOCD 48 hours in advance so NMOCD may witness and/or split samples from the bottom of the excavation.

If you require any further information or assistance please do not hesitate to call (505-393-6161) or write this office.

Sincerely Yours,

Wayne Price-Environmental Engineer

cc: Chris Williams-NMOCD District I Supervisor
Roger Anderson-Environmental Bureau Chief, Santa Fe, NM
Bill Olson-Environmental Bureau, Santa Fe, NM

attachments- approval conditions.

Re: Subsurface Environmental
Assessment Report and Work Plan,
William Weir Tank Battery (Abandoned)
; Location SW/4, NW/4, NW/4
Sec 25, T19S-R36E, Lea Co. NM.

1/24/98
C. H. H.
J

OCD APPROVAL CONDITIONS
FOR
RCRA EXEMPT
UNLINED PIT CLOSURES

1. The following closure actions will be performed in accordance with OCD's February 1993 "SURFACE IMPOUNDMENT CLOSURE GUIDELINES":
 - a. Vertical and horizontal extent of contamination will be determined either prior to, during or upon completion of remedial actions.
 - b. Contaminated soils will be remediated to the OCD's recommended levels or a risk assessment will be provided which shows that an alternate cleanup level is protective of surface water, ground water, human health and the environment.
 - c. Final soil contaminant concentrations will be determined upon completion of remedial actions.
 - d. Soil samples for verification of completion of remedial actions will be sampled and analyzed for benzene, toluene, ethylbenzene, xylene and total petroleum hydrocarbons.
2. All wastes removed from a specific site will be disposed of at an OCD approved facility.
3. The OCD Santa Fe Office's Environmental Bureau Chief and the OCD Hobbs District Office will be notified within 24 hours of the discovery of ground water contamination related to a pit closure.
4. Upon completion of all closure activities, a completed OCD "Pit Remediation and Closure Report" form containing the results of all pit closure and soil remediation activities will be submitted to the OCD for approval. The report will include the concentrations and application rates of any materials or additives used to enhance bioremediation of the contaminants and the final concentrations of any soils landfarmed onsite or the final disposition of soils removed from the site. To simplify the approval process, the OCD requests that the final pit closure reports be submitted only upon completion of all closure activities including onsite remediation or landfarming of contaminated soils.
5. All original documents will be submitted to the OCD Hobbs Office for approval with copies provided to the OCD Santa Fe Office.
6. OCD approval does not relieve you of liability should closure activities determine that contamination exists which is beyond the scope of the work plan or if the closure activities fail to adequately remediate contamination related to your activities. In addition, OCD approval does not relieve you of responsibility for compliance with other federal, state or local laws and regulations.

NEW MEXICO OIL CONSERVATION COMMISSION
FIELD TRIP REPORT[illegible]

**TYPE INSPECTION
PERFORMED**

H = Housekeeping
P = Plugging
C = Plugging Cleanup
T = Well Test
R = Repair/Workover
F = Waterflow
M = Mishap or Spill
W = Water Contamination
O = Other

**INSPECTION
CLASSIFICATION**

U = Underground Injection Control - Any inspection of or related to injection project, facility, or well or resulting from injection into any well. (SWD, Indry injection and production wells, water flows or pressure tests, surface injection equipment, plugging, etc.)

R = Inspections relating to Reclamation Fund Activity

O = Other - Inspections not related to injection or The Reclamation Fund

X - indicates some form of enforcement action taken in the field (show immediately below the letter U, A or O)

**NATURE OF SPECIFIC WELL
OR FACILITY INSPECTED**

D = Drilling
P = Production
I = Injection
C = Combined prod. inj.
operations
S = SMD
U = Underground Storage
G = General Operation
F = Facility or location
M = Meeting
O = Other