

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well: ☐ OIL WELL ☒ GAS WELL ☐ OTHER

2. Name of Operator  
TEXACO EXPLORATION & PRODUCTION, INC.

3. Address and Telephone No. 3300 N. Butler Suite 100, Farmington NM 87401 325-4397

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Unit Letter B : 1050 Feet From The NORTH Line and 1840 Feet From The

EAST Line Section 13 Township 29N Range 11W

5. Lease Designation and Serial No.

NM-03717-A

6. If Indian, Alottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and Number

B M HOUCK

1

9. API Well No.

3004523116

10. Field and Pool, Exploaratory Area

BLANCO MESAVERDE (PRORATED GAS)

11. County or Parish, State

SAN JUAN , NM

12. Check Appropriate Box(s) To Indicate Nature of Notice, Report, or Other Data

TYPE OF SUBMISSION

- ☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ OTHER: Final Pit Closure Notice
- ☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log Form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work).\*

On October 25, 1994, Texaco E&P Inc. successfully closed an earthen separator pit located at the above well location. Closure was accomplished according to the approved closure guidelines that Texaco submitted to the to the BLM / NMOCD / Navajo Nation on June 27, 1994. Attached are copies of the Pit Remediation and Closure Report, Final Pit Closure Sampling Report, final lab analyses w/custody transfer, and a lease diagram.

If you need additional information please contact, Larry Schlotterback, EH&S Coordinator, 325-4397 ext. 17.

*Denny S. Faust*  
DEPUTY OIL & GAS INSPECTOR

JUL 07 1997

*Approved*

RECEIVED  
DEC 29 1994  
OIL CON. DIV.  
DIST. 3

14. I hereby certify that the foregoing is true and correct

SIGNATURE *Ted A. Tipton* TITLE Operations Unit Manager

DATE 11-29-94

TYPE OR PRINT NAME Ted A. Tipton

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_

DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**District I**

P.O. Box 1480, Hobbs, NM

**District II**

P.O. Drawer/DD, Artesia, NM 88211

**District III**

1000 Rio Brazos Rd., Aztec, NM 87410

**State of New Mexico**  
**Energy, Minerals and Natural Resources Department**

**OIL CONSERVATION DIVISION**

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

**SUBMIT 1 COPY TO**  
**APPROPRIATE**  
**DISTRICT OFFICE**  
**AND 1 COPY TO**  
**SANTA FE OFFICE**

(Rev. 3/9/94)TEPI

**PIT REMEDIATION AND CLOSURE REPORT**

Operator: Texaco E&P Inc. Telephone: (505) 325-4397Address: 3300 N. Butler, Farmington, New Mexico 87401Facility or Well Number: B M HOUCK Well #1 Lease Number: NM-03717-ALocation: Qtr/Qtr NW/NE Unit B Sec 13 T29N R11WLegal: 1050' FNL/1840' FEL County: SAN JUAN, New MexicoPit Type: Separator: X Dehydrator:            Other:           Land Type: BLM            State X Fee            Other           Pit Location: Pit dimensions: Length 24 feet, width 18 feet, depth 10 feet  
(Attach diagram)Reference: Wellhead X, other See attached diagramFootage from reference:           Direction from reference:            Degrees            East North             
of  
           West            South           **Depth To Ground Water:**(Vertical distance from  
contaminants to seasonal  
high water elevation of  
ground water)

Less than 50 feet	(20 points)	
50 feet to 99 feet	(10 points)	
Greater than 100 feet	(0 points)	<u>0</u>

**Wellhead Protection Area:**(Less than 200 feet from a private  
domestic water source, or; less than  
1000 feet from all other water sources)

Yes	(20 points)	
NO	(0 points)	<u>0</u>

**Distance to Surface Water:**(Horizontal distance to perennial  
lakes, ponds, rivers, streams, creeks,  
irrigation canals and ditches)

Less than 200 feet	(20 points)	
200 feet to 1000 feet	(10 points)	
Greater than 1000 feet	(0 points)	<u>0</u>

Ranking Score (Total Points):

0

**RECEIVED**  
 DEC 29 1994  
**OIL CON. DIV.**  
**DIST. 3**

Date Remediation Started: 10/25/94 Date Completed: 10/25/94

Remediation Method: Excavation XX Approx. cubic yards 160  
(Check all appropriate sections) Landfarmed \_\_\_\_\_ Insitu Bioremediation \_\_\_\_\_

Other \_\_\_\_\_

Remediation Location: Onsite XX Offsite \_\_\_\_\_  
(i.e. landfarmed onsite, name and location of offsite facility)

General Description of Remedial Action: \_\_\_\_\_

Contamination remediated by aeration and dilution.

Original pit dimensions (length 20'x width 15'x depth 4') was excavated to final dimensions of (24'x 18'x 10'). A soil dilution ratio of less than 1:1 (clean soil:pit soil) was left in-situ. A final BETX analysis was taken from the composite soil.

Ground Water Encountered: No XX Yes \_\_\_\_\_ Depth \_\_\_\_\_

Final Pit: Sample Location See attached "Final Pit Closure Sampling Report"

Closure Sampling: (If multiple samples, attach sample results and diagram of sample locations and depths)

Sample depth TPH samples taken @ 10 ft. & 8 ft.

Sample date TPH sampled 10/25/94 Sample time \_\_\_\_\_

Sample Results:

Benzene (ppm) less than 0.001 ppm Sampled: 11/16/94

Total BTEX (ppm) less than 0.001 ppm

Field headspace (ppm) \_\_\_\_\_

TPH 4850 ppm

Ground Water Sample: Yes \_\_\_\_\_ NO \_\_\_\_\_ (If yes, attach sample results)

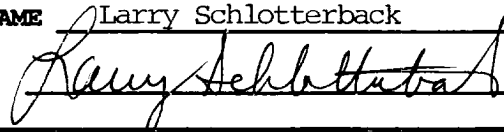
I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF

DATE \_\_\_\_\_

PRINTED NAME Larry Schlotterback

TITLE EH&S Coordinator

SIGNATURE



# Final Pit Closure Sampling Report

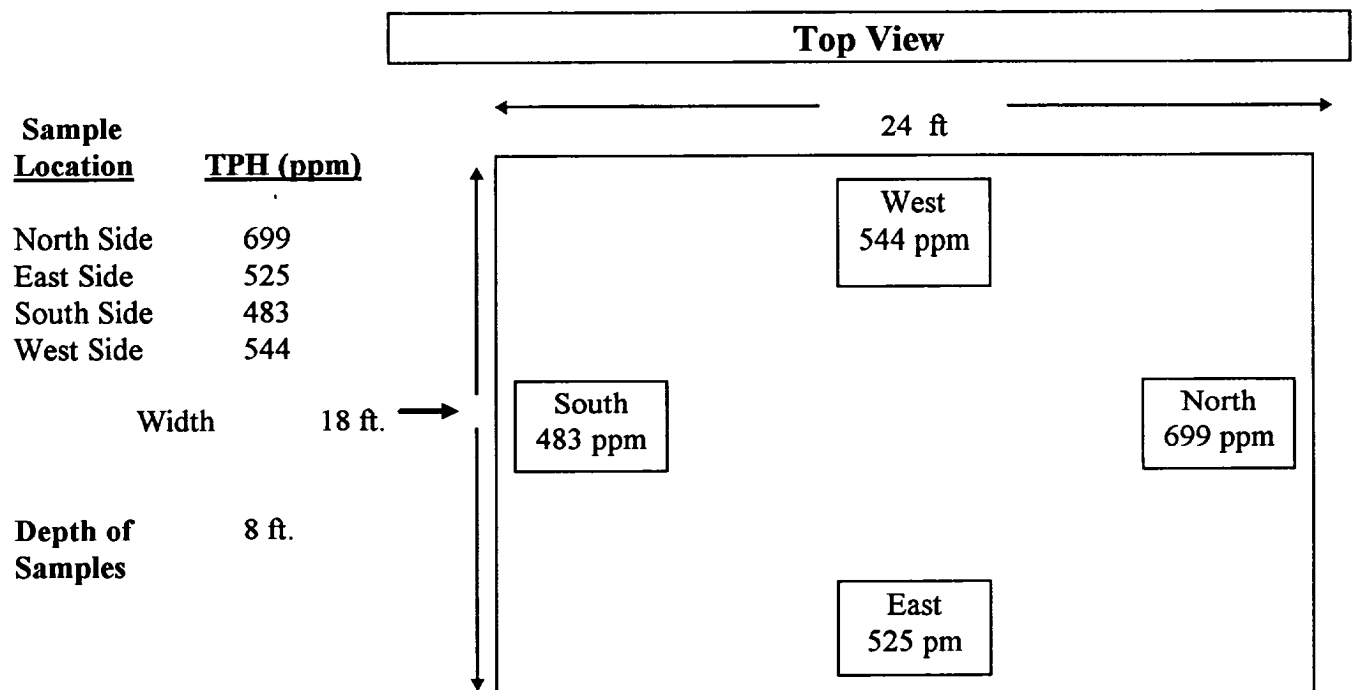
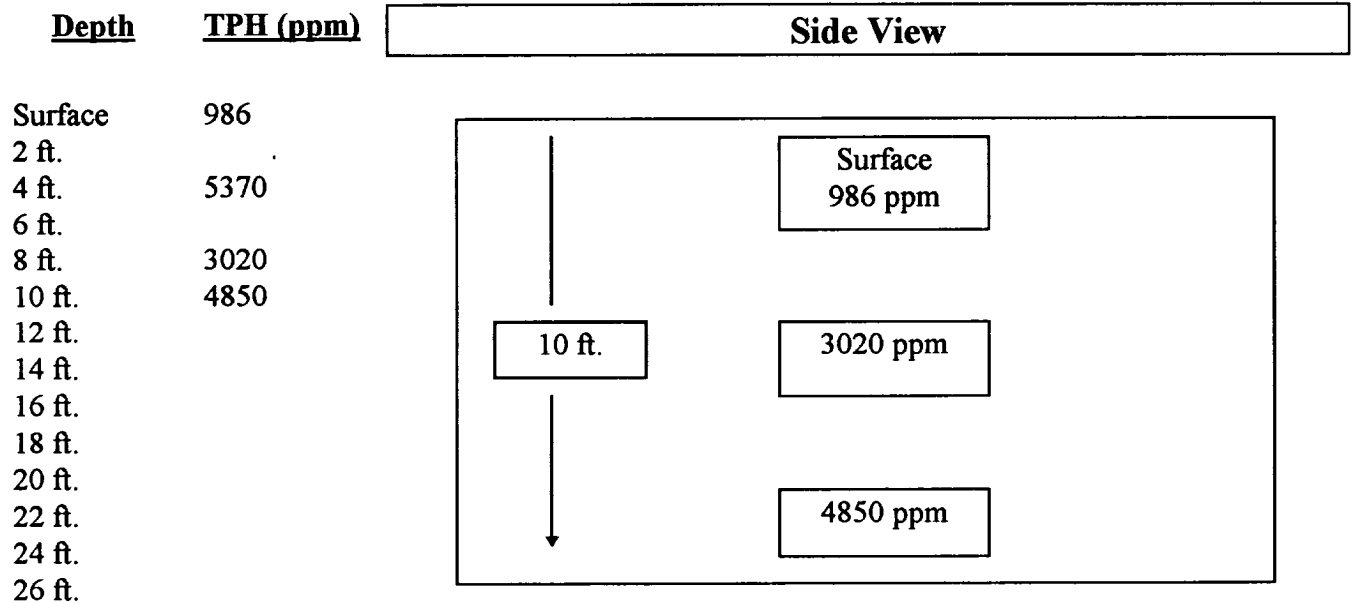
Operator: **TEXACO E&P Inc.**

Address: **3300 North Butler , Suite #100, Farmington, New Mexico 87401**

Facility or **B M HOUCK Well # 1** [ API# 3004523116]

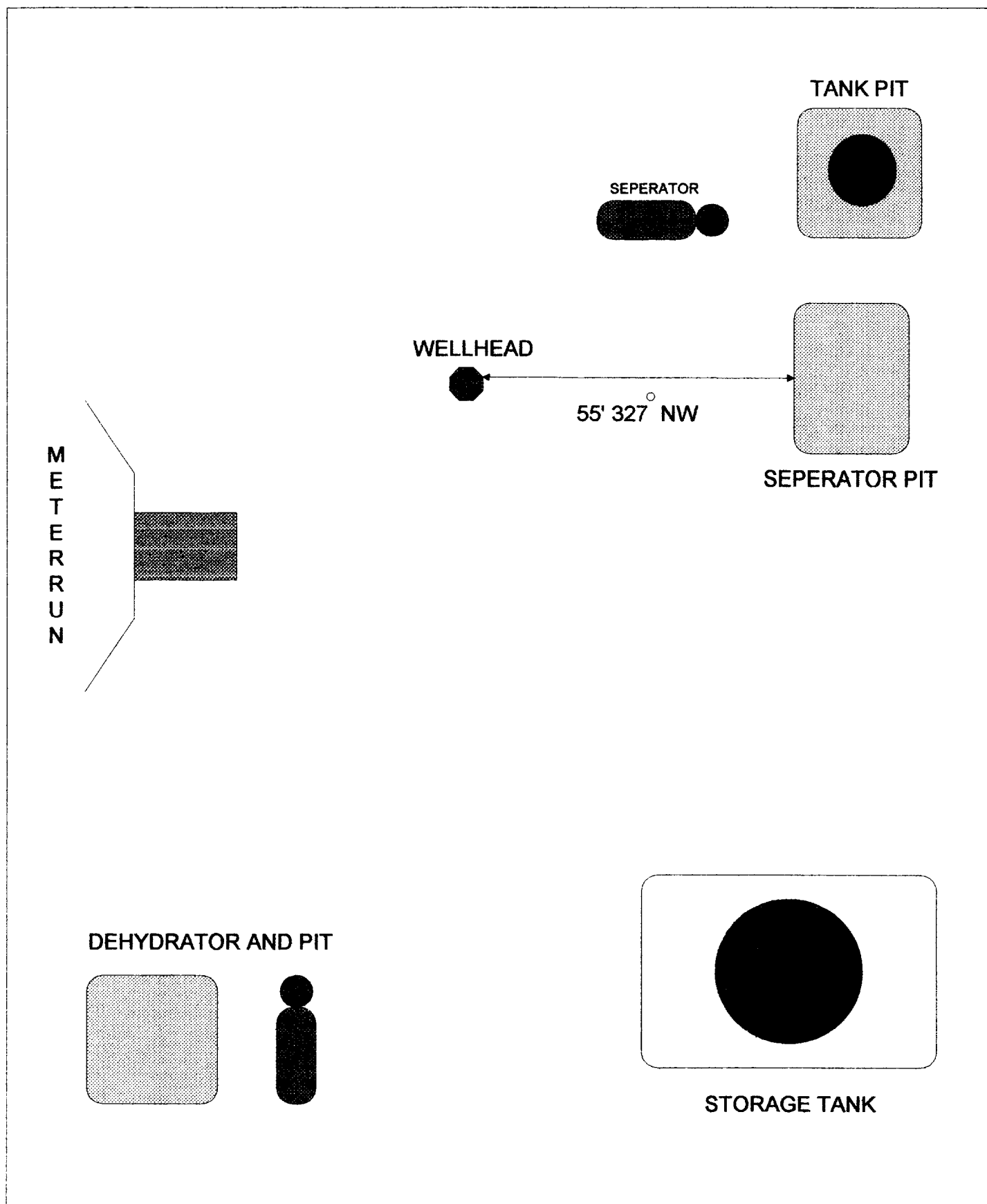
Well Name:

Location: **Spot B : (1050' FNL/1840' FEL)** **Section 13 T29N R11W**



TEXACO EXPLORATION & PRODUCTION INC.

B. M. HOUCK FEDERAL #1





# CARDINAL LABORATORIES

PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

PHONE (505) 326-4669 • 118 S. COMMERCIAL AVE. • FARMINGTON, NM 87401

## FINAL ANALYSIS REPORT

Company: Texaco E&P, Inc.  
Address: 3300 N. Butler  
City, State: Farmington, NM 87401

Date: 11/18/94  
Lab #: SJ1132-8

Project Name: not given  
Location: Bloomfield Area  
Sampled by: LS  
Analyzed by: SW  
Sample Type: Soil

Date: 11/16/94 Time: various  
Date: 11/17/94 Time: 0720  
Sample Condition: GIST Units: mg/kg

\*\*\*\*\*

Samp #	Field Code	BENZENE	TOLUENE	ETHYL BENZENE	PARA-XYLENE	META-XYLENE	ORTHO-XYLENE	MTBE
8	B.M. Houck Fed Well #1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001

QC Recovery	0.819	0.810	0.801	0.817	0.817	0.744	0.659
QC Spike	0.840	0.820	0.830	0.840	0.830	0.720	0.680
Accuracy	97.5%	98.8%	96.4%	97.2%	98.4%	103.3%	96.9%
Air Blank	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001

Methods - GAS CHROMATOGRAPHY  
EPA SW-846; 8020

*Sharon Williams*

Sharon Williams

11-18-94  
Date

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.

# Chain of Custody Record

Project Location\_\_\_\_\_

**FAX 505-393-2476**

Telephone (505) 325-4397 ext. 17

Sample Number	Date	Time	Composite	Grab	Sample Location	Number of Containers	Analysis Required	Remarks (Type sample, preservation, etc.)
#15	11/16	11:50	✓		Mexico Fed. K. Well #1	1	✓	Soils - 6st
#26	11/16	12:04	✓		Mexico Fed. K. Well #1E	1	✓	" "
#37	11/16	12:24	✓		Bunce A Federal Well #1	1	✓	" "
#49	11/16	12:37	✓		B.M. Hawk Federal Well #1	1	✓	" "
#59	11/16	12:59	✓		Federal State Corn Well #1	1	✓	" "
#60	11/16	14:02	✓		Government E. Well #1	1	✓	" "
#71	11/16	13:10	✓		FEDERAL STATE Corn A Well #1	1	✓	" "

Released by: (Signature) *[Signature]* Date *11/16* Time *1425* Received by: (Signature) *[Signature]*

Released by: (Signature) *[Signature]* Date *11/16* Time *1425* Received by: (Signature) *[Signature]*



**Whole Earth Environmental, Inc.  
New Mexico Pit Closure  
Field Analytical Testing Form**

**Client Name:** Texaco Exploration & Production Co., Inc.

**Date:** 30-Aug-96

**Well Name & Number:** B.M. Hauck Federal # 1

**Pit Description:** Separator

**Technician:** Brett Cummins

Test Location	TPH (ppm)	VOC (ppm)	Benzene (ppm)	Ttl. BTEX (ppm)	TPH Sample No.	VOC Sample No.	BTEX Sample No.
North Wall							
South Wall							
East Wall							
West Wall							
Bottom			<.1	1.4			B-08306-7

Remediation Pile	652		<.1	<.1	T-08306-16		B-08316-8
Remediation Pile	711				T-08306-17		
Remediation Pile	756				T-08306-18		
Remediation Pile	691				T-08306-19		
Remediation Pile							
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**Signature:** \_\_\_\_\_





Whole Earth Environmental, Inc.  
Hydrocarbon Contamination  
Field Analytical Form  
Instrument Calibration Log

Client Name: Texaco Exploration & Production Co., Inc.

Date: 30-Aug-96

Well Name & Number: B.M. Hauck Federal # 1

Pit Description: Separator

Technician: Brett Cummins

TPH Calibration Log					
G.A.C. Serial No.: 01135					
Standard Range	100 ppm Std.	500 ppm Std.	1,000 ppm Std.	5,000 ppm Std.	10,000 ppm Std.
Stds. Serial Nos. (Lot No.)	0820-96-23	0820-96-23	0820-96-23	0820-96-23	0820-96-23
Actual Std. Concentration (ppm)	103	506	987	5,120	N / A
Test Result	101	512	N / A	N / A	N / A
Std. Deviation (ppm)	-2	6	N / A	N / A	N / A
Std. Deviation (%)	-2%	1%	N / A	N / A	N / A
Sample No.	C-08306-F	C-08306-G			

VOC Calibration Log	
Calibration Gas Serial No.: 527-801	
Environmental Instruments Serial No.: 49556-283	
Actual Std. Concentration (ppm)	1,000
Test Result	N / A
Std. Deviation (ppm)	N / A
Std. Deviation (%)	N / A
Sample No.	N / A

BTEX Calibration Log				
Calibration Gas Serial No.: A2799				
Photovac Serial No.: SA920043				
Standard Component	Benzene	Ethyl Benzene	Toluene	M & O Xylene
Actual Std. Concentration (ppm)	4.58	20.1	20.1	40.9
Test Result	4.57	20.1	20	40.8
Std. Deviation (ppm)	-0.01	0	-0.1	-0.1
Std. Deviation (%)	0%	0%	0%	0%
Sample No.	B-08306-D	B-08306-D	B-08306-D	B-08306-D

Signature: \_\_\_\_\_