DEPUTY OIL & GAS INSPECTOR

AUG 0 8 1999

EL PASO FIELD SERVICES
PIT CLOSURE REPORT

JOHN CHARLES WELL NO. 5
Meter/Line - ID 71569

SITE DETAILS

Legals - Twn: 27N **Rng:** 9W **Sec:** 13 **Unit:** H
NMOCD Hazard Ranking: 20 **Land Type:** Eastern Navajo Agency
Operator: Texaco

PREVIOUS ACTIVITIES

Site Assessment: June-94 **Test Excavation:** Sept-94

A test excavation was conducted on the pit and a soil sample was collected at 2 feet beneath ground surface (bgs). The headspace soil reading from the excavation bottom was 3 ppm. Soil analytical results were as follows: TPH (418.1) 65.9 mg/kg .

CONCLUSIONS

The primary source, discharge to the pit, has been removed and the pit has been closed for over four years.

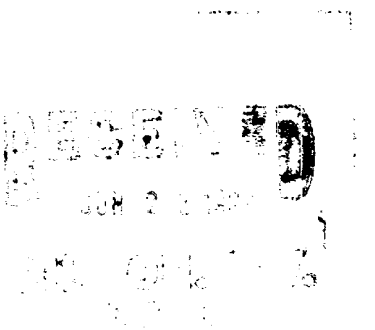
Groundwater was not encountered and an analytical soil sample, collected from below the pit, was below New Mexico Oil Conservation Division standards for a pit with a hazard ranking of 20. Impact to groundwater is unlikely and no excavation of soils from the pit was required to meet closure standards. The pit was filled with clean fill dirt during final pit closure activities.

RECOMMENDATIONS

- EPFS requests closure at this site.

ATTACHMENT

Field Pit Assessment Form
Field Pit Remediation/Closure Form
Laboratory Analytical Results
Chain of Custody



FIELD PIT SITE ASSESSMENT FORM

2

GENERAL

Meter: ~~#565~~ 71569 WOR 9/12/94 Location: John Charles Well No. 5

Operator #: 0263 Operator Name: Texaco P/L District: Ballard

Coordinates: Letter: H Section 13 Township: 27 Rcnge: 9W

Or Latitude _____ Longitude _____

Pit Type: Dehydrator X Location Drip: ___ Line Drip: ___ Other: _____

Site Assessment Date: 6-17-94 Area: 11 Run: 62

SITE ASSESSMENT

NMOCD Zone: (From NMOCD Maps)

Inside ☐ (1)

Outside ☒ (2)

Land Type:

BLM ☐ (1)

State ☐ (2)

Fee ☐ (3)

Indian Eastern Navajo Agency

Depth to Groundwater

Less Than 50 Feet (20 points) ☐ (1)

50 Ft to 99 Ft (10 points) ☒ (2)

Greater Than 100 Ft (0 points) ☐ (3)

Wellhead Protection Area :

Is it less than 1000 ft from wells, springs, or other sources of fresh water extraction? , or ; Is it less than 200 ft from a private domestic water source? ☐ (1) YES (20 points) ☒ (2) NO (0 points)

Horizontal Distance to Surface Water Body

Less Than 200 Ft (20 points) ☐ (1)

200 Ft to 1000 Ft (10 points) ☒ (2)

Greater Than 1000 Ft (0 points) ☐ (3)

Name of Surface Water Body Blanco Canyon

(Surface Water Body : Perennial Rivers,Major Wash,Streams,Creeks, Irrigation Canals,Ditches,Lakes,Ponds)

Distance to Nearest Ephemeral Stream ☐ (1) < 100'(Navajo Pits Only)

☒ (2) > 100'

TOTAL HAZARD RANKING SCORE: 20 **POINTS**

REMARKS

Remarks : Two pits on location. one with tank. Dehy Pit is dry

* Outside V.Z. on Topo

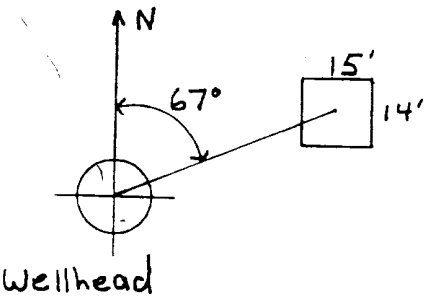
Inside V.Z. on Redline

ORIGINAL PIT LOCATION

ORIGINAL PIT LOCATION

Original Pit : a) Degrees from North 67 Footage from Wellhead 81

b) Length : 15 Width : 14 Depth : 3



REMARKS

Remarks : Photos - 1059 hrs

Completed By:

Signature

6-17-94

Date

FIELD PIT SITE ASSESSMENT FORM

2

GENERAL

71569 VW 10-11-94

Meter: ~~71565~~ Location: John Charles Well No. 5

Operator #: 0263 Operator Name: Texaco P/L District: Ballard

Coordinates: Letter: H Section 13 Township: 27 Range: 9W

Or Latitude _____ Longitude _____

Pit Type: Dehydrator X Location Drip: ___ Line Drip: ___ Other: _____

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NMOCD Zone: (From NMOCD Maps)

Inside ☐ (1)

Outside ☒ (2)

Land Type:

BLM ☐ (1)

State ☐ (2)

Fee ☐ (3)

Indian Eastern Navajo Agency

Depth to Groundwater

Less Than 50 Feet (20 points) ☐ (1)

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Name of Surface Water Body Blanco Canyon

(Surface Water Body : Perennial Rivers, Major Wash, Streams, Creeks, Irrigation Canals, Ditches, Lakes, Ponds)

Distance to Nearest Ephemeral Stream ☐ (1) < 100' (Navajo Pits Only)

☒ (2) > 100'

TOTAL HAZARD RANKING SCORE: 20 **POINTS**

REMARKS

Remarks : Two pits on location. one with tank. Dehy Pit is dry

* Outside V.Z. on Topo

Inside V.Z. on Redline

(SP3190) 04/08/94

FIELD PIT REMEDIATION/CLOSURE FORM

GENERAL

Meter: ~~71564~~ 71564 VW 10-11-94 Location: John Charles Well #5

Coordinates: Letter: H Section 13 Township: 27 Range: 9

Or Latitude _____ Longitude _____

Date Started : 9-30-94 Run: 11 62

FIELD OBSERVATIONS

Sample Number(s): VW366 _____ _____ _____

Sample Depth: 12 Feet

Final PID Reading 3 PID Reading Depth 12 Feet

	Yes	No
Groundwater Encountered	☐	☒

Approximate Depth _____ Feet

CLOSURE

Remediation Method :

Excavation ☐ Approx. Cubic Yards _____

Onsite Bioremediation ☐

Backfill Pit Without Excavation ☒

Soil Disposition:

Envirotech ☐ ☐ Tierra

Other Facility ☐ Name: _____

Pit Closure Date: 9-30-94 Pit Closed By BEI

REMARKS

Remarks : _____

Signature of Specialist: Vale Wilson

(SP3191) 03/16/94

El Paso Natural Gas Company

FIELD SERVICES LABORATORY
ANALYTICAL REPORT
PIT CLOSURE PROJECT - Soil Samples Inside the GWV Zone

SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	VW 366	946293
MTR CODE | SITE NAME:	~~71565~~ 71569 was 11/10/94	N/A
SAMPLE DATE | TIME (Hrs):	9-30-94	1230
SAMPLED BY:	N/A	
DATE OF TPH EXT. | ANAL.:	10-3-94	10-3-94
DATE OF BTEX EXT. | ANAL.:	was 10/10/94 10/10/94	was 10/10/94 10/11/94
TYPE | DESCRIPTION:	VG	Primary Sand & Clay

REMARKS: _____

RESULTS

PARAMETER	RESULT	UNITS	QUALIFIERS			
			DF	Q	M(g)	V(ml)
BENZENE	<0.025	MG/KG	1			
TOLUENE	<0.025	MG/KG	1			
ETHYL BENZENE	<0.025	MG/KG	1			
TOTAL XYLENES	<0.025	MG/KG	1			
TOTAL BTEX	<0.10	MG/KG				
TPH (418.1)	65.9	MG/KG			2.01	28
HEADSPACE PID	3	PPM				
PERCENT SOLIDS	94.3	%				

-- TPH is by EPA Method 418.1 and BTEX is by EPA Method 8020 --

The Surrogate Recovery was at 97 % for this sample All QA/QC was acceptable.

Narrative:

ATI Results attached

DF = Dilution Factor Used

Approved By: _____ Date: 11/3/94

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**********************************************************
*                    Test Method for                     *
*      Oil and Grease and Petroleum Hydrocarbons         *
*                    in Water and Soil                   *
*                                                        *
*             Perkin-Elmer Model 1600 FT-IR              *
*                    Analysis Report                     *
**********************************************************
*
 94/10/03   16:57
*
*  Sample identification
 946293
*
*  Initial mass of sample, g
 2.010
*
*  Volume of sample after extraction, ml
 28.000
*
*  Petroleum hydrocarbons, ppm
 65.931
*  Net absorbance of hydrocarbons (2930 cm-1)
 0.018
*
*
*
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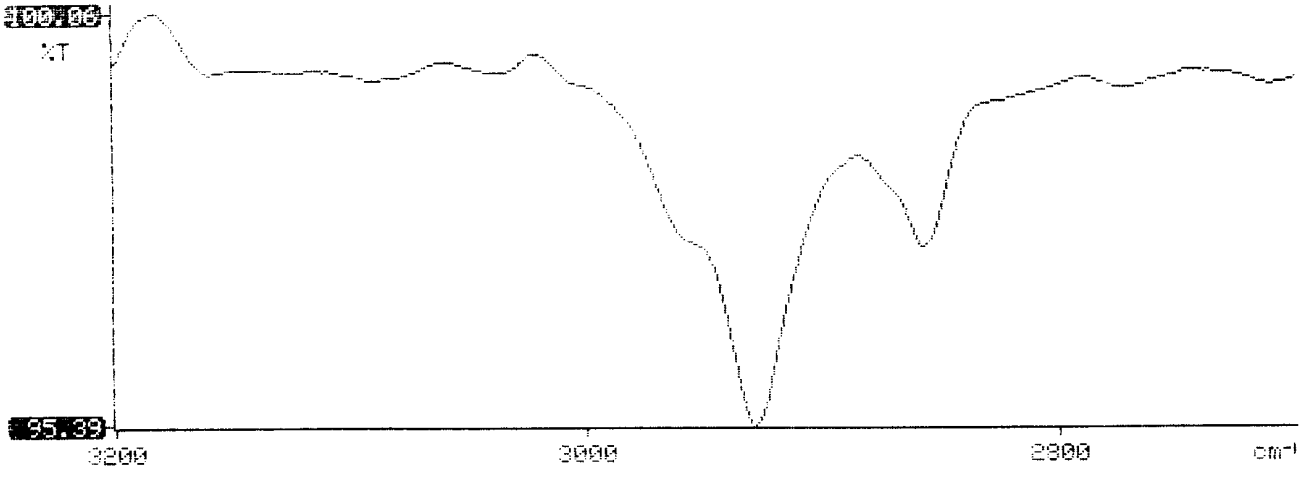
Y: Petroleum hydrocarbons spectrum 16:57



Analytical **Technologies,** Inc.

2709-D Pan American Freeway NE Albuquerque, NM 87107
Phone (505) 344-3777 FAX (505) 344-4413

ATI I.D. **410339**

October 19, 1994

El Paso Natural Gas Company
P.O. Box 4990
Farmington, NM 87499

Project Name/Number: PIT CLOSURE 24324

Attention: John Lambdin

On **10/07/94**, Analytical Technologies, Inc., (ADHS License No. AZ0015), received a request to analyze **non-aqueous** samples. The samples were analyzed with EPA methodology or equivalent methods. The results of these analyses and the quality control data, which follow each set of analyses, are enclosed.

For the EPA Method 8020 analysis, the matrix spike and matrix spike duplicate results were extracted and analyzed past the recommended EPA hold time.

If you have any questions or comments, please do not hesitate to contact us at (505) 344-3777.

Letitia Krakowski, Ph.D.
Project Manager

H. Mitchell Rubenstein, Ph.D.
Laboratory Manager

MR:jt

Enclosure

Analytical Technologies, Inc.

GAS CHROMATOGRAPHY RESULTS

TEST : BTEX (EPA 8020)

CLIENT : EL PASO NATURAL GAS ATI I.D.: 410339

PROJECT # : 24324

PROJECT NAME : PIT CLOSURE

SAMPLE ID. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
02	946293	NON-AQ	09/30/94	10/10/94	10/11/94	1

PARAMETER	UNITS	02
BENZENE	MG/KG	<0.025
TOLUENE	MG/KG	<0.025
ETHYLBENZENE	MG/KG	<0.025
TOTAL XYLENES	MG/KG	<0.025
SURROGATE:		
BROMOFLUOROBENZENE (%)		97