

Benny G. Trust
DEPUTY OIL & GAS INSPECTOR

EL PASO FIELD SERVICES

AUG 19 1999
Approved
PIT CLOSURE REPORT

VANDERWART A LS #4

Meter/Line ID - 70344

SITE DETAILS

Legals - Twn: 29N Rng: 8W
NMOCD Hazard Ranking: 20
Operator: Amoco Production Company

Sec: 13 Unit: B
Land Type: BLM

PREVIOUS ACTIVITIES

Site Assessment: May-94

Test Excavation: June-94

A test excavation was conducted on the pit and a soil sample was collected at 12 feet beneath ground surface (bgs). The headspace soil reading from the excavation bottom was 14 ppm. Soil analytical results were as follows: TPH (418.1) <10 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

RECEIVED
JUN 22 1999

OIL CON. DIV.
DIST. 3

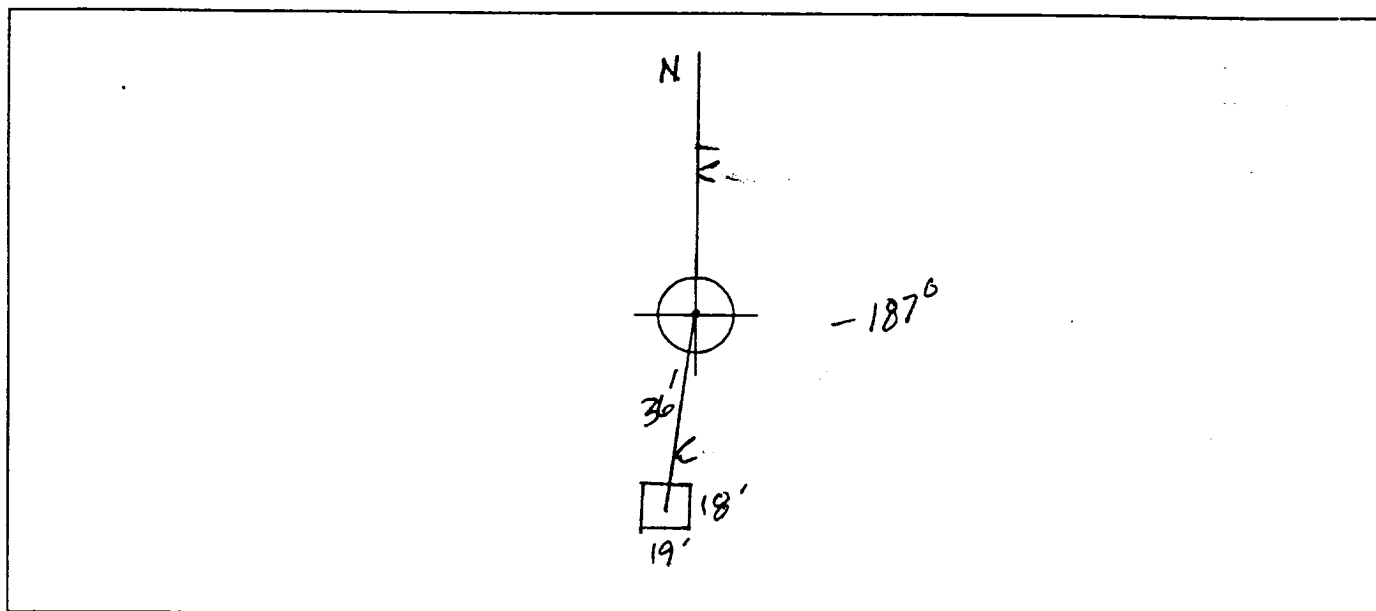
FIELD PIT SITE ASSESSMENT FORM

GENERAL	<p>Meter: <u>70344</u> Location: <u>VANDERWAERT A LS #4</u></p> <p>Operator #: <u>0203</u> Operator Name: <u>Amoco</u> P/L District: <u>BLOOMFIELD</u></p> <p>Coordinates: Letter: <u>B</u> Section <u>13</u> Township: <u>29</u> Range: <u>8</u></p> <p>Or Latitude _____ Longitude _____</p> <p>Pit Type: Dehydrator <input checked="" type="checkbox"/> Location Drip: _____ Line Drip: _____ Other: _____</p> <p>Site Assessment Date: <u>5.10.94</u> Area: <u>10</u> Run: <u>72</u></p>
SITE ASSESSMENT	<p>NMOCD Zone: (From NMOCD Maps)</p> <p>Inside <input type="checkbox"/> (1) Outside <input checked="" type="checkbox"/> (2)</p> <p>Land Type: BLM <input checked="" type="checkbox"/> (1) State <input type="checkbox"/> (2) Fee <input type="checkbox"/> (3) Indian _____</p> <p>Depth to Groundwater Less Than 50 Feet (20 points) <input type="checkbox"/> (1) 50 Ft to 99 Ft (10 points) <input checked="" type="checkbox"/> (2) Greater Than 100 Ft (0 points) <input type="checkbox"/> (3)</p> <p>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? <input type="checkbox"/> (1) YES (20 points) <input checked="" type="checkbox"/> (2) NO (0 points)</p> <p>Horizontal Distance to Surface Water Body Less Than 200 Ft (20 points) <input type="checkbox"/> (1) 200 Ft to 1000 Ft (10 points) <input checked="" type="checkbox"/> (2) Greater Than 1000 Ft (0 points) <input type="checkbox"/> (3)</p> <p>Name of Surface Water Body <u>MONTROYA CANYON</u> (Surface Water Body : Perennial Rivers, Major Wash, Streams, Creeks, Irrigation Canals, Ditches, Lakes, Ponds)</p> <p>Distance to Nearest Ephemeral Stream <input type="checkbox"/> (1) < 100' (Navajo Pits Only) <input type="checkbox"/> (2) > 100'</p> <p>TOTAL HAZARD RANKING SCORE: <u>20</u> POINTS</p>
REMARKS	<p>Remarks : <u>TWO PITS ON LOCATION. WILL CLOSE ONLY ONE. PIT IS DRY. LOCATION IS ON A HILL NEXT TO MONTROYA CANYON. REDLINE SHOWS LOCATION IS INSIDE THE U.Z. BUT TOPO SHOWS THAT IT IS OUTSIDE THE U.Z.</u></p> <p style="text-align: right;"><u>PUSH IN</u></p>

ORIGINAL PIT LOCATION

ORIGINAL PIT LOCATION

Original Pit : a) Degrees from North 187° Footage from Wellhead 36'
b) Length : 20 Width : 19 Depth : 2'



REMARKS

Remarks :

TOOK PICTURES AT 1:12 P.M.

DUMP TRUCK - BOBTAIL

Completed By:

Robert Thompson

Signature

5-10-94

Date

GENERAL

Meter: 20344 Location: VanderWark A LS #4Coordinates: Letter: B Section 13 Township: 29 Range: 8

Or Latitude _____ Longitude _____

Date Started : 6-1-94 Area: 10 Run: 72

FIELD OBSERVATIONS

Sample Number(s): VW¹⁵⁹~~158~~ VW^{6-1-94 160}~~158~~ VW^{6-1-94 161}~~158~~Sample Depth: 12' FeetFinal PID Reading 14 PID Reading Depth 12' Feet

Yes No

Groundwater Encountered ☐ (1) ☒ (2) Approximate Depth _____ Feet

CLOSURE

Remediation Method :

Excavation ☐ (1) Approx. Cubic Yards _____Onsite Bioremediation ☐ (2)Backfill Pit Without Excavation ☒ (3)

Soil Disposition:

Envirotech ☐ (1) ☐ (3) TierraOther Facility ☐ (2) Name: _____Pit Closure Date: 6-1-94Pit Closed By: BEI

REMARKS

Remarks : NO line markers Hit Bentonite layer at 6'Signature of Specialist: Vale Wilson



FIELD SERVICES LABORATORY

ANALYTICAL REPORT

PIT CLOSURE PROJECT - Soil

SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	VW 159	945316
MTR CODE SITE NAME:	70344	N/A
SAMPLE DATE TIME (Hrs):	6-1-94	1040
SAMPLED BY:	N/A	
DATE OF TPH EXT. ANAL.:	6/10/94	6/10/94
DATE OF BTEX EXT. ANAL.:	N/A	N/A
TYPE DESCRIPTION:	VG	Black sand + clay

REMARKS: ~~BERON TPH~~

RESULTS

PARAMETER	RESULT	UNITS	QUALIFIERS			
			DF	Q	M(g)	V(ml)
BENZENE		MG/KG				
TOLUENE		MG/KG				
ETHYL BENZENE		MG/KG				
TOTAL XYLENES		MG/KG				
TOTAL BTEX		MG/KG				
TPH (418.1)	410	MG/KG			2.01	28
HEADSPACE PID	14	PPM				
PERCENT SOLIDS	85.0	%				

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

The Surrogate Recovery was at N/A % for this sample All QA/QC was acceptable.
Narrative:

DF = Dilution Factor Used

Approved By: John Lard

Date: 6/16/94



FIELD SERVICES LABORATORY
ANALYTICAL REPORT
PIT CLOSURE PROJECT - Soil

SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	VW 159	945316
MTR CODE SITE NAME:	70344	N/A
SAMPLE DATE TIME (Hrs):	6-1-94	1040
SAMPLED BY:	N/A	
DATE OF TPH EXT. ANAL.:	6-3-94	6/3/94
DATE OF BTEX EXT. ANAL.:	N/A	N/A
TYPE DESCRIPTION:	VG	BLACK SAND & CLAY

REMARKS:

RESULTS

PARAMETER	RESULT	UNITS	QUALIFIERS			
			DF	Q	M(g)	V(ml)
BENZENE		MG/KG				
TOLUENE		MG/KG				
ETHYL BENZENE		MG/KG				
TOTAL XYLENES		MG/KG				
TOTAL BTEX		MG/KG				
TPH (418.1)	100	MG/KG			2.03	28
HEADSPACE PID	14	PPM				
PERCENT SOLIDS	85.0	%				

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

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

Narrative:

TPH QC outside limits - need rerun

DF = Dilution Factor Used

Approved By: _____

Date: _____

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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    *
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94/06/10 09:26
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* Sample identification
945316 RERUN
*
* Initial mass of sample, g
2.010
*
* Volume of sample after extraction, ml
28.000
*
* Petroleum hydrocarbons, ppm
-10.520
* Net absorbance of hydrocarbons (2930 cm-1)
0.001
*

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Y: Petroleum hydrocarbons spectrum

09:26

