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*Denny L. Foust*

DEPUTY OIL & GAS INSPECTOR SERVICES

**PIT CLOSURE REPORT**

AUG 09 1998

*Approved*

HAMMOND #40  
Meter/Line ID - 71791

**SITE DETAILS**

Legals - Twn: 27N Rng: 8W  
NMOCD Hazard Ranking: 10  
Operator: R&G Drilling

Sec: 26 Unit: I  
Land Type: BLM

**PREVIOUS ACTIVITIES**

Site Assessment: June-94

Test Excavation: Sept-94

Revised Site Assessment: Dec-97

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 3 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.

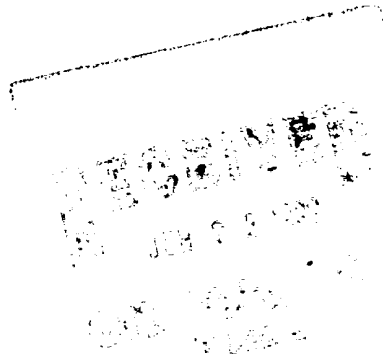
Groundwater was not encountered and an analytical soil sample, collected from below the pit, was below New Mexico Oil Conservation Division (NMOCD) standards for a pit with a hazard ranking of 10. Impact to groundwater is unlikely and no excavation of soils from the pit was required to meet closure standards. The pit was filled with clean fill dirt during final pit closure activities.

**RECOMMENDATIONS**

- EPFS requests closure at this site.

**ATTACHMENT**

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



# GENERAL

# SITE ASSESSMENT

REMARKS

(assess) 12/16/97

# FIELD PIT SITE ASSESSMENT FORM

GENERAL	
Meter:	<u>71791</u>
Location:	<u>Hammond 4D</u>
Operator #:	<u>7335</u>
Operator Name:	<u>R+G Drilling P/L</u>
District:	<u>Ballard</u>
Coordinates: Letter:	<u>I</u>
Section:	<u>26</u>
Township:	<u>27</u>
Range:	<u>8</u>
Or Latitude _____ Longitude _____	
Pit Type: Dehydrator _____ Location Drip: <input checked="" type="checkbox"/>	Line Drip: _____ Other: _____
Site Assessment Date:	<u>6/13/94</u>
Area:	<u>07</u>
Run:	<u>32</u>
SITE ASSESSMENT	
NMOCD Zone: (From NMOCD Maps)	Land Type: BLM <input checked="" type="checkbox"/> (1) State <input type="checkbox"/> (2) Fee <input type="checkbox"/> (3) Indian _____
Inside <input type="checkbox"/> (1) Outside <input checked="" type="checkbox"/> (2)	
Depth to Groundwater Less Than 50 Feet (20 points) <input checked="" type="checkbox"/> (1) 50 Ft to 99 Ft (10 points) <input type="checkbox"/> (2) Greater Than 100 Ft (0 points) <input type="checkbox"/> (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? <input type="checkbox"/> (1) YES (20 points) <input checked="" type="checkbox"/> (2) NO (0 points)	
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)	
Name of Surface Water Body <u>Largo Canyon</u> (Surface Water Body : Perennial Rivers,Major Wash,Streams,Creeks, Irrigation Canals,Ditches,Lakes,Ponds)	
Distance to Nearest Ephemeral Stream <input type="checkbox"/> (1) < 100'(Navajo Pits Only) <input type="checkbox"/> (2) > 100'	
TOTAL HAZARD RANKING SCORE:	<u>30</u> POINTS
REMARKS	
<u>Remarks : Redline Book-Inside Vulnerable Zone Topo-Outside</u> <u>Leit.Will close. Pit dry. Well is plugged &amp; abandoned. Meter house is permanent</u> <u>disconnect. No meter house on location.</u>	

ORIGINAL PIT LOCATION	<div data-bbox="624 304 1050 346" data-label="Section-Header"><p>ORIGINAL PIT LOCATION</p></div> <div data-bbox="200 360 1481 471" data-label="Text"><p>Original Pit : a) Degrees from North <u>306°</u> Footage from Wellhead <u>94'</u> b) Length : <u>17'</u> Width : <u>17'</u> Depth : <u>3'</u></p></div> <div data-bbox="211 498 1481 1094" data-label="Diagram"></div>
REMARKS	<div data-bbox="203 1150 658 1288" data-label="Text"><p>Remarks : <u>Pictures @ 1040 (12-15)</u> <u>Dump Truck</u></p></div>
	<div data-bbox="211 1760 470 1801" data-label="Text"><p>Completed By:</p></div> <div data-bbox="305 1815 807 1954" data-label="Text"><p><u>Cory Chase</u> Signature</p></div> <div data-bbox="1042 1829 1215 1954" data-label="Text"><p><u>6/13/94</u> Date</p></div>

# FIELD PIT REMEDIATION/CLOSURE FORM

<b>GENERAL</b>	Meter: <u>71791</u> Location: <u>Hammond 40</u> Coordinates: Letter: <u>I-</u> Section <u>26</u> Township: <u>27</u> Range: <u>8</u> Or Latitude _____ Longitude _____ Date Started : <u>9-26-94</u> Run: <u>07</u> <u>32</u>
<b>FIELD OBSERVATIONS</b>	Sample Number(s): <u>141330</u> Sample Depth: <u>12'</u> Feet Final PID Reading <u>3</u> PID Reading Depth <u>12'</u> Feet <div style="text-align: center;">Yes      No</div> Groundwater Encountered <input type="checkbox"/> <input checked="" type="checkbox"/> Approximate Depth _____ Feet
<b>CLOSURE</b>	Remediation Method : <div style="display: flex; justify-content: space-between;"> <div>           Excavation            Onsite Bioremediation            Backfill Pit Without Excavation         </div> <div style="text-align: right;"> <input type="checkbox"/> Approx. Cubic Yards _____  <input type="checkbox"/>  <input checked="" type="checkbox"/> </div> </div> Soil Disposition: <div style="display: flex; justify-content: space-between;"> <div>           Envirotech <input type="checkbox"/>            Other Facility <input type="checkbox"/> </div> <div style="text-align: right;"> <input type="checkbox"/> Tierra            Name: _____         </div> </div> Pit Closure Date: <u>9-26-94</u> Pit Closed By: <u>BEZ</u>
<b>REMARKS</b>	Remarks : _____ _____ _____
	Signature of Specialist: <u>Vale Wilson</u>



FIELD SERVICES LABORATORY  
ANALYTICAL REPORT

PIT CLOSURE PROJECT - Soil Samples Outside the GWV Zone

SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	VW 330	941215
MTR CODE   SITE NAME:	71-91	N/A
SAMPLE DATE   TIME (Hrs):	9/26/94	0935
SAMPLED BY:	N/A	
DATE OF TPH EXT.   ANAL.:	9/27/94	9/27/94
DATE OF BTEX EXT.   ANAL.:	N/A	N/A
TYPE   DESCRIPTION:	VG	3m from Closure Pond

REMARKS:

RESULTS

PARAMETER	RESULT	UNITS	QUALIFIERS			
			DF	Q	M(g)	V(ml)
TPH (418.1)	<10	MG/KG			2.25	28
HEADSPACE PID	3	PPM				
PERCENT SOLIDS	96.9	%				

-- TPH is by EPA Method 418.1 --

Narrative:

DF = Dilution Factor Used

Approved By:

Date:

10/6/94

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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                               *
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*      94/09/27  14:18
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*      Sample identification
*      946215
*
*      Initial mass of sample, g
*      2.250
*
*      Volume of sample after extraction, ml
*      28.000
*
*      Petroleum hydrocarbons, ppm
*      -16.322
*      Net absorbance of hydrocarbons (2930 cm-1)
*      0.008
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