

Denny E. Foust

DEPUTY OIL & GAS INSPECTOR
EL PASO FIELD SERVICES

PIT CLOSURE REPORT

AUG 09 1999

TURNER HUGHES NO. 2

Meter/Line ID - 71242

SITE DETAILS

Legals - Twn: 27N Rng: 9W
NMOCD Hazard Ranking: 20
Operator: Burlington Resources

Sec: 11 Unit: D
Land Type: Navajo Agency

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 12 feet beneath ground surface (bgs). The headspace soil reading from the excavation bottom was 16 ppm. Soil analytical results were as follows: TPH (418.1) 6.25 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 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

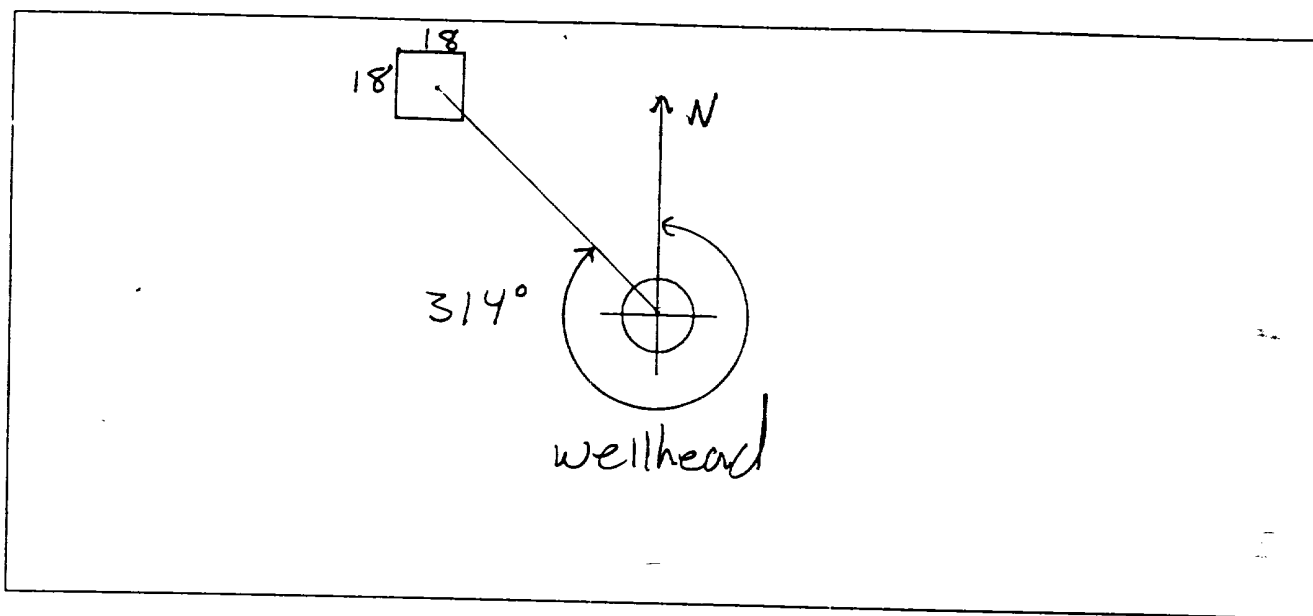
FIELD PIT SITE ASSESSMENT FORM

GENERAL	<p>Meter: <u>71242</u> Location: <u>Turner Hughes No. 2</u> Operator #: <u>2999</u> Operator Name: <u>Meridian P/L</u> District: <u>Ballard</u> Coordinates: Letter: <u>D</u> Section <u>11</u> Township: <u>27</u> Range: <u>9</u> Or Latitude _____ Longitude _____ Pit Type: Dehydrator _____ Location Drip: <u>X</u> Line Drip: _____ Other: _____ Site Assessment Date: <u>6-14-94</u> Area: <u>11</u> Run: <u>42</u></p>
SITE ASSESSMENT	<p>NMOCD Zone: (From NMOCD Maps) Inside <input type="checkbox"/> (1) Outside <input checked="" type="checkbox"/> (2)</p> <p>Land Type: BLM <input type="checkbox"/> (1) State <input type="checkbox"/> (2) Fee <input type="checkbox"/> (3) Indian <u>Navajo Agency</u></p> <p>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)</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 type="checkbox"/> (2) Greater Than 1000 Ft (0 points) <input checked="" type="checkbox"/> (3)</p> <p>Name of Surface Water Body _____ (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'</p> <p>TOTAL HAZARD RANKING SCORE: <u>20</u> POINTS</p>
REMARKS	<p>Remarks : <u>one pit - dry</u> <u>outside U.Z. Topo & Redline</u> <u>Push in</u></p>

ORIGINAL PIT LOCATION

ORIGINAL PIT LOCATION

Original Pit : a) Degrees from North 314 Footage from Wellhead 84
b) Length : 18 Width : 18 -Depth : 2



REMARKS

Remarks :

Photos - 1338

Completed By:

J. W. H. H.

Signature

6-14-94

Date

FIELD PIT REMEDIATION/CLOSURE FORM

GENERAL	<p>Meter: <u>71242</u> Location: <u>Turner Hughes # 2</u></p> <p>Coordinates: Letter: <u>D</u> Section <u>11</u> Township: <u>27</u> Range: <u>9</u></p> <p>Or Latitude _____ Longitude _____</p> <p>Date Started : <u>9-14-94</u> Run: <u>11</u> <u>42</u></p>
FIELD OBSERVATIONS	<p>Sample Number(s): <u>VW290</u></p> <p>Sample Depth: <u>12</u> Feet</p> <p>Final PID Reading <u>16</u> PID Reading Depth <u>12</u> Feet</p> <p style="text-align: center;">Yes No</p> <p>Groundwater Encountered <input type="checkbox"/> <input checked="" type="checkbox"/> Approximate Depth _____ Feet</p>
CLOSURE	<p>Remediation Method :</p> <div style="display: flex; justify-content: space-between;"> <div> <p>Excavation</p> <p>Onsite Bioremediation</p> <p>Backfill Pit Without Excavation <input checked="" type="checkbox"/></p> </div> <div> <p><input type="checkbox"/> Approx. Cubic Yards _____</p> <p><input type="checkbox"/></p> <p><input checked="" type="checkbox"/></p> </div> </div> <p>Soil Disposition:</p> <div style="display: flex; justify-content: space-between;"> <div> <p>Envirotech <input type="checkbox"/></p> <p>Other Facility <input type="checkbox"/></p> </div> <div> <p><input type="checkbox"/> Tierra</p> <p>Name: _____</p> </div> </div> <p>Pit Closure Date: <u>9-14-94</u> Pit Closed By: <u>BETI</u></p>
REMARKS	<p>Remarks : _____</p> <p>_____</p> <p>_____</p>
	<p>Signature of Specialist: <u>Vale Wilson</u></p>



FIELD SERVICES LABORATORY

ANALYTICAL REPORT

PIT CLOSURE PROJECT - Soil Samples Outside the GWV Zone

SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	VW 290	946148
MTR CODE SITE NAME:	79242	N/A
SAMPLE DATE TIME (Hrs):	9-14-94	1630
SAMPLED BY:	N/A	
DATE OF TPH EXT. ANAL.:	9-20-94	9-20-94
DATE OF BTEX EXT. ANAL.:	N/A	N/A
TYPE DESCRIPTION:	VG	Brown sand & clay

REMARKS:

RESULTS

PARAMETER	RESULT	UNITS	QUALIFIERS			
			DF	Q	M(g)	V(ml)
TPH (418.1)	6.25	MG/KG			2.06	28
HEADSPACE PID	16	PPM				
PERCENT SOLIDS	85.2	%				

-- TPH is by EPA Method 418.1 --

Narrative:

DF = Dilution Factor Used

Approved By: JP

Date: 9/20/94

```

*****.*****
*                                     *
*       Test Method for               *
*       Oil and Grease and Petroleum Hydrocarbons      *
*       in Water and Soil             *
*                                     *
*       Perkin-Elmer Model 1600 FT-IR      *
*       Analysis Report                   *
*****

```

```

94/09/20  11:57

```

```

* Sample identification
* 946148

```

```

* Initial mass of sample, g
* 2.060

```

```

* Volume of sample after extraction, ml
* 28.000

```

```

* Petroleum hydrocarbons, ppm
* 6.245

```

```

* Net absorbance of hydrocarbons (2930 cm-1)
* 0.011

```

