

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

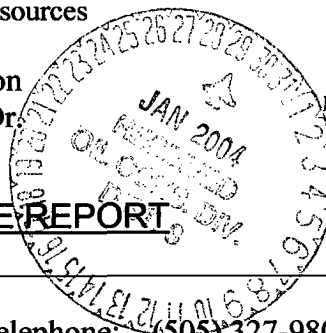
State of New Mexico  
Energy Minerals and Natural Resources

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Submit 1 copy to  
appropriate  
District Office  
and 1 copy to  
the Santa Fe Office

Revised June 10, 2003

PIT REMEDIATION AND CLOSURE REPORT



30-039-22821

Operator: Merrion Oil & Gas Telephone: (505) 327-9801

Address: 610 Reilly Ave., Farmington, NM 87401

Facility Or: Salazar G34 No. 1  
Well Name

Location: Unit or Qtr/Qtr Sec ne/sw Sec 34 T 25N R 6W County Rio Arriba

Pit Type: Separator ~~XXXX~~ Dehydrator        Other Tank

Land Type: BLM X, State       , Fee        Other       

Pit Location: Pit dimensions: length 25', width 25', depth 3'  
(Attach diagram)

Reference: wellhead X, other       

Footage from reference: 200'

Direction from reference: 15 Degrees X East North         
of  
       West South X

Depth To Ground Water (Vertical distance from contaminants to seasonal high water elevation of ground water.)	Less than 50 feet 50 feet to 99 feet Greater than 100 feet	(20 points) (10 points) ( 0 points) <u>20</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 No	(20 points) ( 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 200 feet to 1000 feet Greater than 1000 feet	(20 points) (10 points) ( 0 points) <u>0</u>
	RANKING SCORE (TOTAL POINTS):	<u>20</u>

Date Remediation Started: 8/3/94 Date completed: 8/3/94

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

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

General Description of Remedial Action: Took composite soil sample, read 2 ppm on OVM. Took final composite soil sample for TPH analysis. Installed new 40 bbl. fiberglass pit with liner in same location.

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

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

Sample location Composite surface

Sample depth surface

Sample Date 8/3/94 Sample time 11:00 a.m.

Sample Results

Benzene(ppm) \_\_\_\_\_

Total BTEX(ppm) \_\_\_\_\_

Field headspace(ppm) 2

TPH ND

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

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signature  Date January 28, 2004

Printed Name Connie Dinning Title Production Engineer

E-mail Address cdinning@merrion.bz

Date Remediation Started: 8-3-94 Dated Completed: 8-3-94Remediation Method: Excavation \_\_\_\_\_ Approx. cubic yards \_\_\_\_\_  
(Check all appropriate sections) Landfarmed \_\_\_\_\_ Insitu Bioremediation \_\_\_\_\_  
Other \_\_\_\_\_Remediation Location: Onsite \_\_\_\_\_ Offsite \_\_\_\_\_  
(ie. landfarmed onsite, name and location of offsite facility)General Description Of Remedial Action: Took composi  
sample of soil, read 2 ppm on OVM. Took final  
composit sample for TPH. Installed new 40 bbl  
Fiberglass pit w/ liner in same location.Ground Water Encountered: No X Yes \_\_\_\_\_ Depth \_\_\_\_\_Final Pit: Sample location Composit surface  
Closure Sampling: \_\_\_\_\_  
(if multiple samples, attach sample results and diagram of sample locations and depths)Sample depth surface  
Sample date 8-3-94 Sample time 11:00

## Sample Results

Benzene (ppm) \_\_\_\_\_

Total BTEX (ppm) \_\_\_\_\_

Field headspace (ppm) 2

TPH \_\_\_\_\_

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

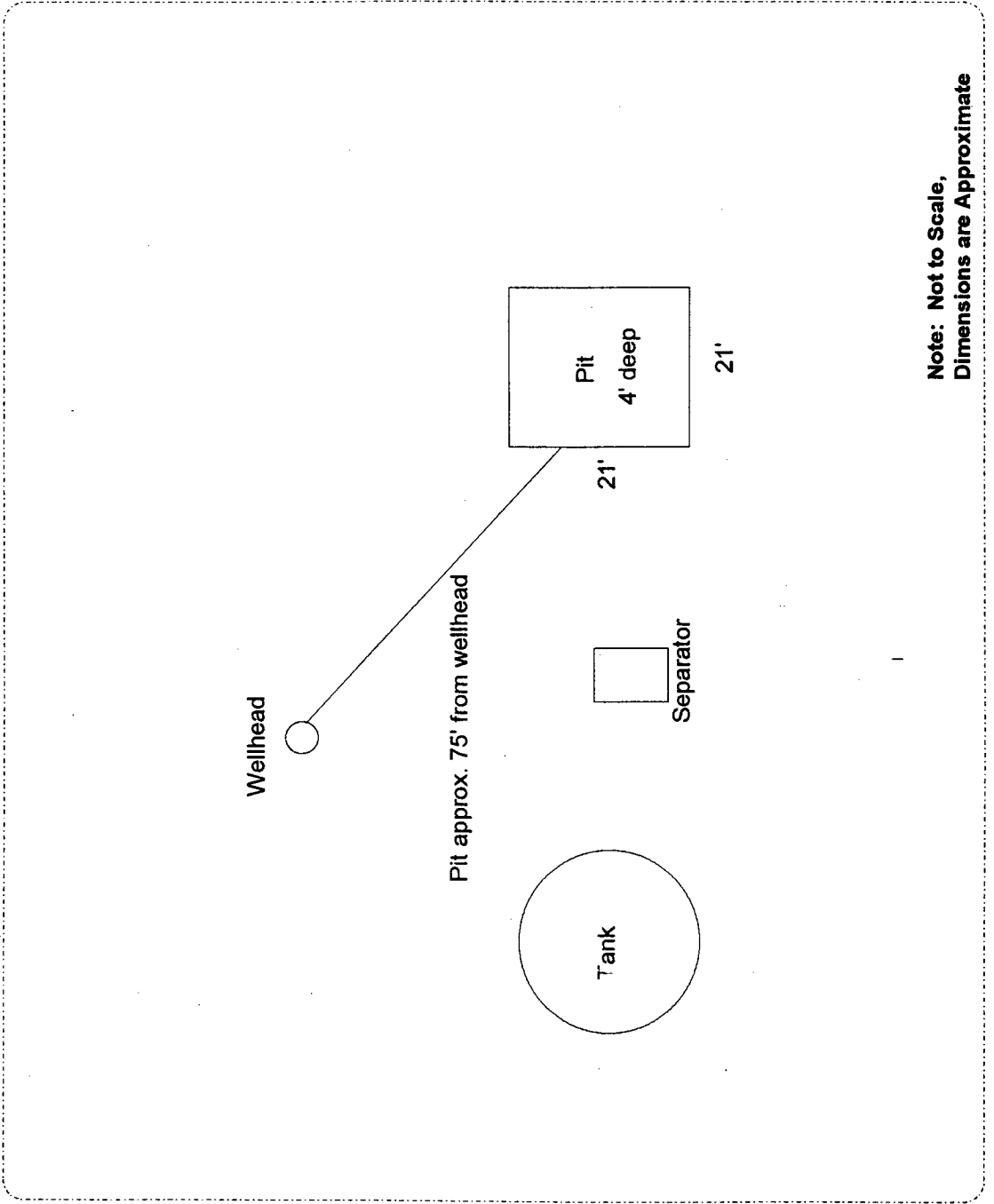
I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF

DATE

SIGNATURE

PRINTED NAME  
AND TITLE

# Merrion Oil & Gas Salazar G 34-1 Site Schematic



**TOTAL PETROLEUM HYDROCARBONS  
EPA METHOD 418.1****Merrion Oil and Gas**

Project: Salazar G34-1-34-3  
Matrix: Soil  
Condition: Intact/Cool

Date Reported: 08/09/94  
Date Sampled: 08/03/94  
Date Received: 08/04/94  
Date Extracted: 08/08/94  
Date Analyzed: 08/08/94

Sample ID	Lab ID	Result (mg/kg)	Detection Limit
Salazar G34-1 #1	G01156	ND	18
CLU 356 #1	G01157	ND	18
Salazar G34-3 #1	G01158	ND	19

ND - Analyte not detected at stated detection level.

**References:**

**Method 418.1:** Petroleum Hydrocarbons, Total Recoverable, USEPA Chemical Analysis of Water and Waste, 1978.

**Method 3550:** Ultrasonic Extraction of Non-Volatile and Semi-Volatile Organic Compounds from Solids, USEPA SW-846, Rev. 1, July 1992.

Analyst: Anna Schaefer

Reviewed: UR