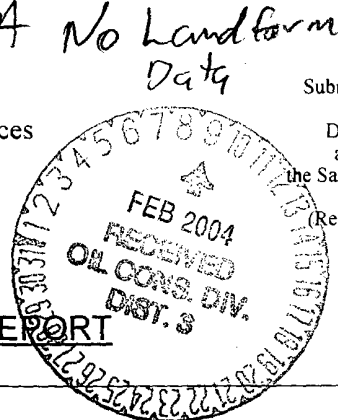


District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

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



PIT REMEDIATION AND CLOSURE REPORT

30-045-20167

Operator: ConocoPhillips Company Telephone: (505)599-3400

Address: 5525 Hwy. 64 Farmington, NM 87401

Facility Or: Nickson #12

Well Name

Location: Unit or Qtr/Qtr Sec F Sec 35 T 26N R 8W County San Juan

Pit Type: Separator X Dehydrator Other

Land Type: BLM X, State , Fee Other

Pit Location: Pit dimensions: length 25', width 25', depth 4'
(Attach diagram)

Reference: wellhead X, other

Footage from reference: 100'

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>0</u>
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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>
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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>
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RANKING SCORE (TOTAL POINTS): 0 pts.

Date Remediation Started: 6/10/03 Date completed: 8/25/03

Remediation Method: Excavation X Approx. cubic yards 185.19 yd.³
(Check all appropriate sections.) Landfarmed X Insitu Bioremediation _____
Other _____

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

General Description of Remedial Action: _____

A 4-pt. composite sample was extracted from the walls of the pit at 7-9-ft. below ground level. The sample was
Analyzed for GRO/DRO and BTEX analysis. All analyses were within BLM and NMOCD requirements.

A 5-pt. composite soil sample was extracted from the landfarm. The sample was analyzed for GRO/DRO analysis.
All analyses were within BLM & NMOCD requirements.

Ground Water Encountered: No X Yes _____ Depth _____

Final Pit: Sample location 4-pt. composite sample of walls at 7-9 ft
Closure Sampling: 5-pt. composite sample of landfarm
(if multiple samples, attach sample results and diagram of sample locations and depths) Sample depth 7-9 ft.

Pit Sample Date 6/11/03 Sample time 11:20

Landfarm Sample Date 8/25/03 Sample time 15:25


Sample Results	Pit	Landfarm
Benzene(ppm)	<u>Non Detect</u>	<u>N/A</u>
Total BTEX(ppm)	<u>Non Detect</u>	<u>N/A</u>
Field headspace(ppm)	<u>111</u>	<u>N/A</u>

Ground Water Sample: TPH Non Detect Non Detect

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 1/15/04

Signature 

Printed Name Larry Trujillo
and Title Environmental Specialist

Location: Nickson #12
Footages: 1680' FNL & 1650' FWL
Unit Letter: F **Sec.** 35 **Twn.** 26N **Rng** 8W
Latitude: 36.4458009° N **Longitude:** 107.6542720° W
Lease Num. SF-078431 **Land Type:** BLM

Pit Type: Separator

Pit Reference

Reference: wellhead **Footage:** 100'
Direction: N or (S) 15 **Degrees** (E) or W
Initial size: 25' x 25' x 4' = 2500 ft³
Final Size: 25' x 30' x 10' = 7500 ft³
Total Cubic Yards: 185.19 yd³

Distances from (ft):

Groundwater: > 100'

Wellhead Protection Area: No

Nearest Surface Water: > 1000'

Distance to ephemeral stream: N/A

(Navajo/Jicarilla only)

Ranking Score (points): 0

Sample ID	Description	OVM Reading
1	Middle of Pit	Bedrock at 10-ft
2	4pt. Comp. @ 79'	2022
3	4pt. Comp. @ 79'	111
4	5pt. CompLandfarm	N/A
5		
6		
7		
8		
9		
10		

Comments:

Soil is light brown silty sand.

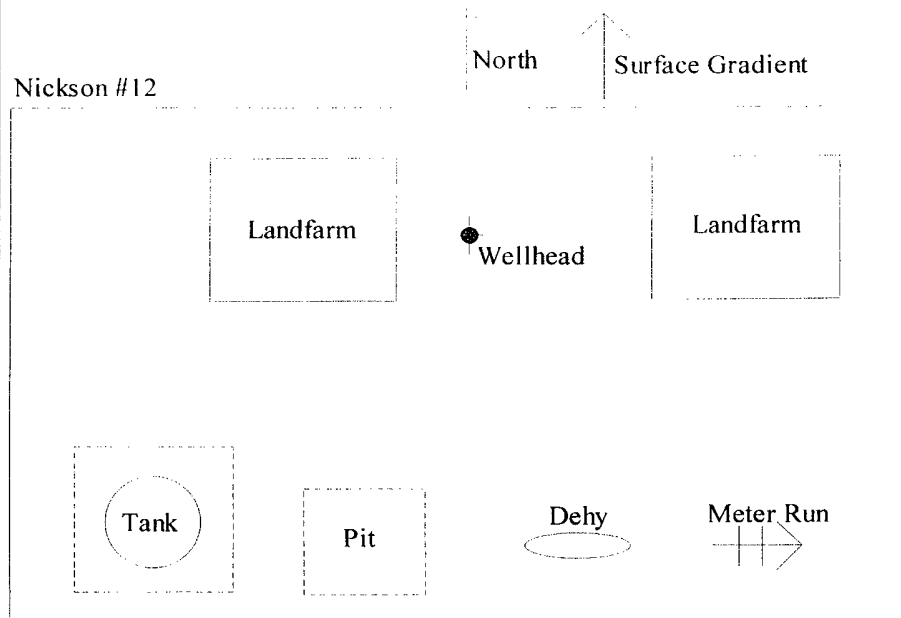
Gray staining and stron Hydro carbon odor occurs from 5-10 ft.

Final 18' from bottom in the NW corner there is gray staining and odor.

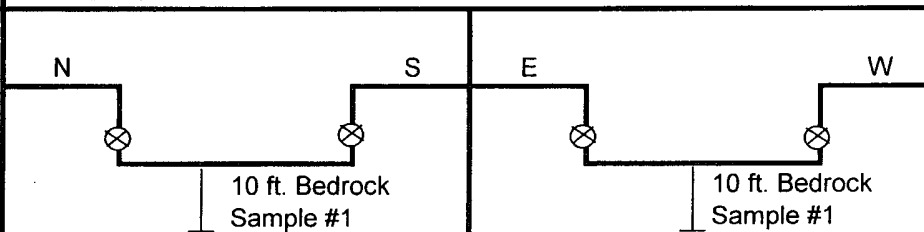
Tests: BTEX & GRO/DRO

Site Diagram:

Nickson #12



Not to Scale



ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

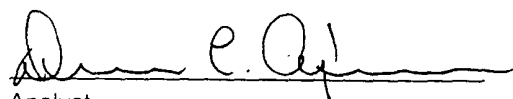
Client:	ConocoPhillips	Project #:	96052-026
Sample ID:	4-Pt. Comp of Walls @ 7-9 ft	Date Reported:	06-12-03
Laboratory Number:	25881	Date Sampled:	06-11-03
Chain of Custody No:	10995	Date Received:	06-11-03
Sample Matrix:	Soil	Date Extracted:	06-11-03
Preservative:	Cool	Date Analyzed:	06-12-03
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

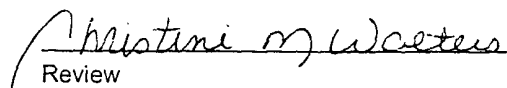
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: Nickson #12.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	ConocoPhillips	Project #:	96052-026
Sample ID:	4-Pt. Comp of Walls @ 7-9 ft	Date Reported:	06-12-03
Laboratory Number:	25881	Date Sampled:	06-11-03
Chain of Custody:	10995	Date Received:	06-11-03
Sample Matrix:	Soil	Date Analyzed:	06-12-03
Preservative:	Cool	Date Extracted:	06-11-03
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	1.8
Toluene	ND	1.7
Ethylbenzene	ND	1.5
p,m-Xylene	ND	2.2
o-Xylene	ND	1.0
Total BTEX	ND	

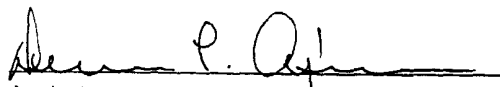
ND - Parameter not detected at the stated detection limit.

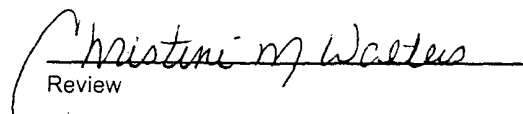
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	98 %
	1,4-difluorobenzene	98 %
	Bromochlorobenzene	98 %

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: Nickson #12.


Analyst


Review