

OK

Denny E. Foust
DEPUTY OIL & GAS INSPECTOR

FEB 11 1999

JICARILLA APACHE TRIBE
ENVIRONMENTAL PROTECTION OFFICE
P.O. BOX 507
DULCE, NEW MEXICO 87528

SUBMIT COPY TO
NATURAL RESOURCE DEPT
OIL & GAS ADMINISTRATION

Approved

RECEIVED
DEC 14 1998

PIT REMEDIATION AND CLOSURE REPORT

Operator: Marathon Oil Co. Telephone: 505-326-2783
Address: P.O. Box 1439 Farmington, N.M. 87499
Facility or Well Name: Jicarilla Apache #19
Location: Unit or Qtr: Qtr Sec B Sec 28 T 26N R 5W County Rio Arriba
Pit Type: Separator ☒ Dehydrator ☐ Other ☐
Land Type: Jicarilla Apache

Pit Location: Pit dimensions: length 24', width 24', depth 8'
Attached diagram: Referenced wellhead X other
Footage from reference: 54'
Direction from reference: _____ Degrees X East North _____
West South _____

Depth to Groundwater: (Vertical distance from contaminated oil surface to high water elevation of groundwater)	Less than 50 feet (20 points) 50 feet to 100 feet (10 points) Greater than 100 feet (0 points)	<u>0</u>
Distance to an Ephemeral Stream: (Downstream distance greater than ten feet at all times)	Less than 100 feet (10 points) Greater than 100 feet (0 points)	<u>10</u>
Distance to Nearest Lake, Playa, or Watering Pond: (Downstream lakes, playas and livestock or wildlife watering ponds)	Less than 100 feet (10 points) Greater than 100 feet (0 points)	<u>0</u>
Wellhead Protection Area: (Less than 200 feet from a private domestic water source, or less than 1,000 feet from all other water sources)	Yes (20 points) No (0 points)	<u>0</u>
Distance To Surface Water: (Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)	Less than 100 feet (20 points) 100 feet to 1000 feet (10 points) Greater than 1000 feet (0 points)	<u>0</u>

RANKING SCORE (TOTAL POINTS): 10

Date Remediation Started: 8-9-96 Date Completed: 8-28-96

Remediation Method: Excavation ☒ Approx. cubic yards 125

(Check all that apply) ☒ Sections, ☒ Minimum 20' ☐ Other Remediation

Other _____

Remediation Location: Onsite ☒ Offsite _____

(i.e. landfilled onsite)

Name and location of
offsite facility: _____

General Description of Remedial Action: Spread contaminated soil
on well pad approximately 6" thick. Will till periodically.

Groundwater Encountered: No ☒ Yes _____ Depth _____

Final Pit: Sample location each sidewall + bottom of pit

Closure Sampling:

(if multiple samples,

attach sample results

and location of sample

locations and depths

Sample depth: 8'

Sample date: 8-9-96 Sample time: 8:00 A.M.

Sample Results

Soil: Benzene (ppm) _____ Water: Benzene (ppb) _____

Total BTEX (ppm) _____ Toluene (ppb) _____

Field Measured (ppm) see attached Ethylbenzene (ppb) _____

TPH (ppm) ND Total Xylenes (ppb) _____

Groundwater Sample: Yes ☐ No ☒ (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 8-14-96 PRINTED NAME GARY W. DONAGHEY

SIGNATURE Gary W. Donaghey AND TITLE Production Supervisor

AFTER REVIEW OF THE PIT CLOSURE INFORMATION, PIT CLOSURE IS APPROVED IN ACCORDANCE TO THE JICARILLA APACHE TRIBE PIT CLOSURE ORDINANCE.

APPROVED: YES ☒ NO ☐ REASON: _____

SIGNED: [Signature] DATE: 8-28-96

NOTES
NOTES/NOTAS

SUBJECT Pit Closure Jicarilla #19

PERSON(S) WORKING Gary Donaghey - MARATHON

PERSON(S) GROUP(S) PHILIP BROWN

DAVE BROWN - Phillip Environmental

PHONE TELEPHONE TELEFONO

FAX TELECOPIEUR/FAX

DATE 8-9-96

LOCATION LIEU/LUGAR

8:00 A.M. Dig down approximately 8'

DAVE BROWN Pulled samples of each wall and bottom.

Change of custody - Dave Brown Dal Ben

Relinquished to - Gary Donaghey Gary Donaghey

PID - South WALL - 5.4 PPM

West WALL - 2.6 PPM

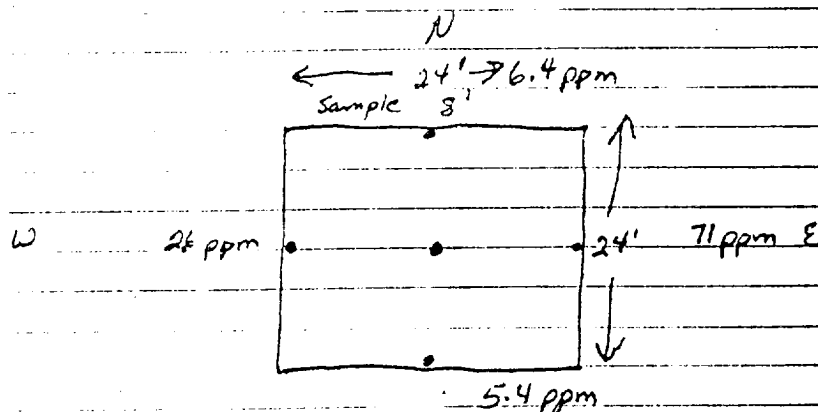
North WALL - 6.4 PPM

East WALL - 71 PPM

Bottom - 2 PPM

Composite Sample #1 TO ENVIROTECH. Excavated approximately 100 to 150 cubic yds.

8:30 A.M. moved to #11 E



Sample 5' - 330 ppm

ENVIROTECH LABS

~~ENVIRONMENTAL ANALYSIS~~

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

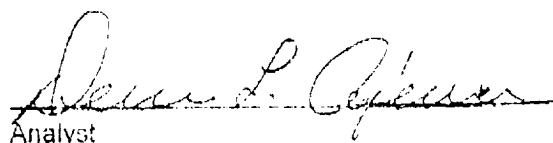
Client:	Marathon Oil Co.	Project #:	95047
Sample ID:	#1 Well #19	Date Reported:	08-12-96
Laboratory Number:	A456	Date Sampled:	08-09-96
Chain of Custody No:	4851	Date Received:	08-09-96
Sample Matrix:	Soil	Date Extracted:	08-12-96
Preservative:	Cool	Date Analyzed:	08-12-96
Condition:	Cool and Intact	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.

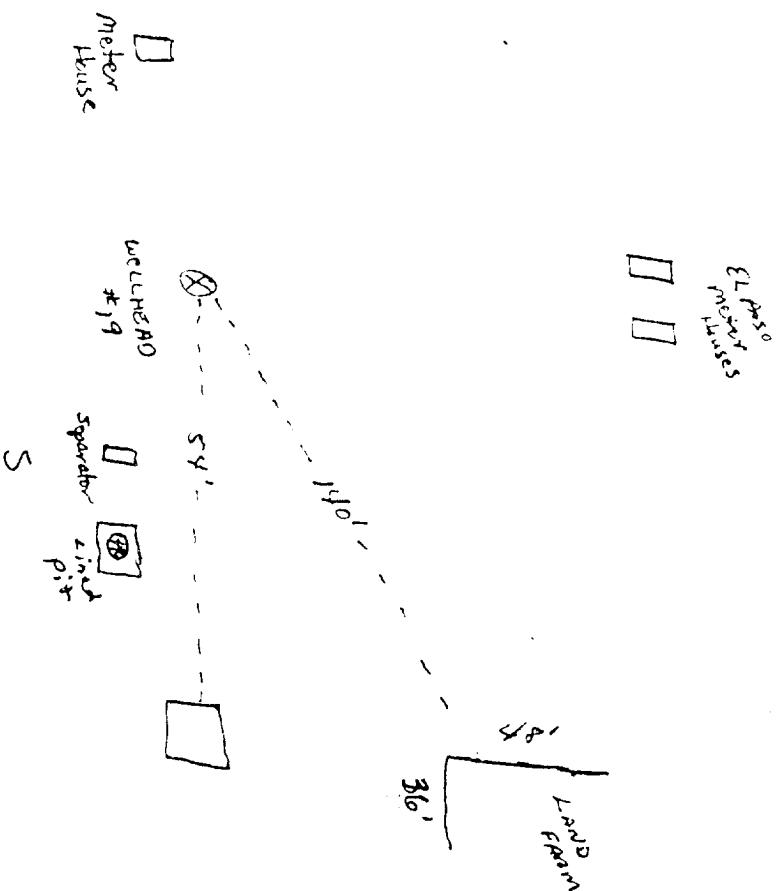
References: Method 8015, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Comments: Jicarilla Well #19.


Analyst

Review

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JICARILLA APACHE TRIBE
ENVIRONMENTAL PROTECTION OFFICE
P.O. BOX 507
DULCE, NEW MEXICO 87528

SCHMITZ REPORT
NATURAL RESOURCES
AND OIL & GAS ADMINISTRATION

ON-SITE SOIL REMEDIATION REPORT

Operator: Marathon Oil Co. Telephone: 505-326-2783
Address: P.O. Box 1439 Farmington, N.M. 87499
Facility or Well Name: Jicarilla Apache #19
Location: Unit or Qtr, Qtr Sec 8 Sec 28 T 26N R 5W County Rio Arriba
Land Type: Jicarilla Apache
Date Remediation Started: 8-9-96 Date Completed: 10-31-96
Remediation Method: Landfilled ☒ Approx. cubic yards 125
Composted ☐

		Final Closure Sampling:	
Depth To Groundwater:	ft. <u>0</u>	Sampling Date:	<u>10-9-96</u> Time: <u>8:50</u>
Distance to an Ephemeral Stream	ft. <u>10</u>	Sample Results:	
Distance to Nearest Lake, Playa, or Watering Pond	ft. <u>0</u>	Total hydrocarbon (ppm)	<u>.6</u>
Wellhead Protection Area:	ft. <u>0</u>	TPH (ppm)	<u>1.0</u> Method <u>8015</u>
Distance To Surface Water:	ft. <u>0</u>	Other	
RANKING SCORE (TOTAL POINTS): <u>10</u>			

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

DATE 10-96-96 PRINTED NAME GARY W. Donaghey
SIGNATURE Gary W. Donaghey AND TITLE Production Supervisor

AFTER REVIEW OF THE SOIL REMEDIATION INFORMATION, ON-SITE REMEDIATION IS APPROVED IN ACCORDANCE TO THE JICARILLA APACHE TRIBE PIT CLOSURE ORDINANCE.

APPROVED: YES ☒ NO ☐ (REASON) _____

SIGNED: Gabriel J. J. DATE: 10/16/96

ENVIROTECH LABS

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

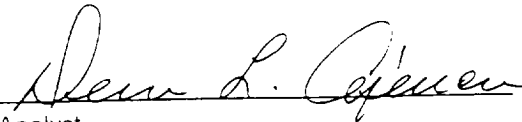
Client:	Marathon Oil	Project #:	95047
Sample ID:	#19 Landfarm	Date Reported:	10-10-96
Laboratory Number:	A651	Date Sampled:	10-09-96
Chain of Custody No:	4949	Date Received:	10-09-96
Sample Matrix:	Soil	Date Extracted:	10-10-96
Preservative:	Cool	Date Analyzed:	10-10-96
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

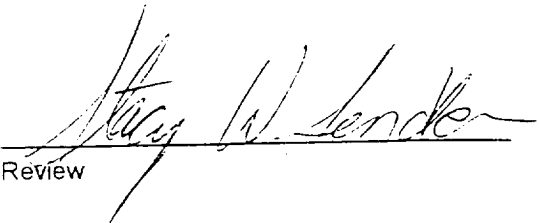
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	1.0	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	1.0	0.2

ND - Parameter not detected at the stated detection limit.

References: Method 8015. Nonhalogenated Volatile Organics. Test Methods for Evaluating Solid Waste.
SW-846. USEPA. July 1992.

Comments: **Jicarilla.**


Analyst


Review

#19
LAND
FARM

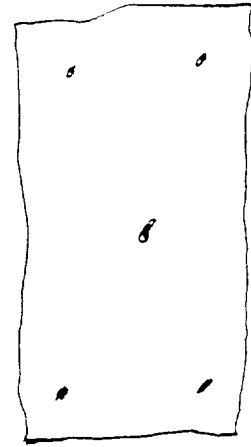
N

0.1

NW - 6" 0
NE - 12" .6
C - 8" 0
SW - surface 0
SE - 10" .4

W

E



36'

60'

EL PASO
Meter
Houses

108'

Meter
House

#19
WELLHEADS

Pressure
unit

Pit
with
Tubs

Capped
pit

S