

District I
P.O. Box 1980, Hobbs, NM
District II
P.O. Drawer 80, Artesia, NM 88211
District III
1000 Rio Brazos Rd, Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

SUBMIT 1 COPY TO
APPROPRIATE
DISTRICT OFFICE
AND 1 COPY TO
SANTA FE OFFICE

DEPUTY OIL & GAS INSPECTOR

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

(Revised 3/9/94)

OCT 01 1997

PIT REMEDIATION AND CLOSURE REPORT

Operator: Conoco, Inc. Telephone: 915-686-5453

Address: 10 Destra Drive, Suite 100W, Midland, TX 79705-4500

Facility Or: 28-7 # 173 Pit # 1

Well Name

Location: Unit or Qtr/Qtr I Sec 17 T27N R7W County San Juan

Pit Type: Separator X Dehydrator Other

Land Type: BLM X State Fee Other

RECEIVED
JUL 31 1997

OIL CON. DIV.
DIST. 3

Pit Location: Pit dimensions: length 10', width 7', depth 5'
(Attach diagram)

Reference: wellhead X, other

Footage from reference: 27'

Direction from reference: 75 Degrees East North
of
X West South X

Depth To Ground Water:

(Vertical distance from
contaminants to seasonal
high water elevation of
ground water)

Less than 50 feet	(20 points)
50 feet to 99 feet	(10 points)
Greater than 100 feet	(0 points)
<u>10</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	(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 200 feet	(20 points)
200 feet to 1000 feet	(10 points)
Greater than 1000 feet	(0 points)
<u>0</u>	

RANKING SCORE (TOTAL POINTS): 10

Date Remediation Started: 7- 16 - 1996 Date Completed: _____

Remediation Method: Excavation _____ Approx. cubic yards _____
(Check all appropriate sections) Landfarmed _____ Insitu Bioreediation _____
Other Natural attenuation _____

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

General Description Of Remedial Action: Pit sampled by Conoco on 7-16-9.
Conoco's sampler encountered bedrock at six inches below bottom of the pit.
Sample headspace reading using PID = 0.94 ppm, Lab results of sample for TPH
using EPA Method 418.1 were 146 ppm. Contamination is below NMOCD soil
action levels for Volatile Organics of 100 ppm and TPH of 1000 ppm. Pit
closed by backfilling during P&A and site rehabilitation.

Ground Water Encountered: No X Yes _____ Depth _____

Final Pit:

Sample location: Samples take at center and NWcorner of pit

Closure Sampling:

(if multiple samples,
attach sample results
and diagram of sample
locations and depths)

Sample depth Six inches below bottom of the pit at bedrock

Sample date 7-16-1996 Sample time 1530 hours

Sample Results

Benzene (ppm) _____

Total BTEX (ppm) _____

Field headspace (ppm) 0.94

TPH 146

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

Carl J. Coy

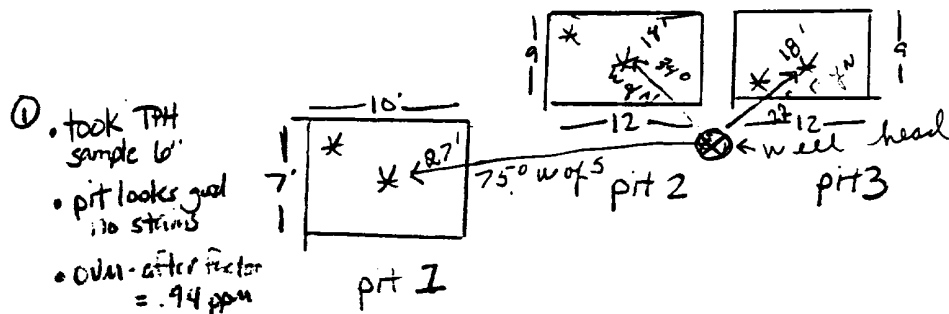
PRINTED NAME
AND TITLE

CARL J. COY
FIELD SHERIFF SPEC.

PIT LOCATION AND COMPOSITE SAMPLE PROFILE MAP

WELL LOCATION: 28-7 #173 S 17 T 27 R 7 UNIT ±

DATE STARTED: 7/16/96 DATE COMPLETED:



- ② • took TPH sample 6"
 • pit looks good - no strings
 • OUM - after factor - .94 ppm
- ③ • took TPH sample 6"
 • pit has strong odor
 - soil has some discolor
 • OUM - after factor - 172.96 ppm



* denoted sample pit.

0 SOIL SAMPLE LOCATION
 Δ BACKGROUND SAMPLE LOCATION

Pit 1
2
3
173TOTAL PETROLEUM HYDROCARBONS
EPA METHOD 418.1Project: Not Given
Matrix: Soil
Condition: Intact/CoolDate Reported: 07/26/96
Date Sampled: 07/17/96
Date Received: 07/17/96
Date Extracted: 07/19/96
Date Analyzed: 07/19/96

Sample ID	Lab ID	Result mg/kg	
28-7 #170 Pit 1	0396G01358	44.4	20.0
28-7 #170 Pit 2	0396G01359	952	39.8
28-7 #122 Pit 1	0396G01360	324	20.0
28-7 #173 Pit 1	0396G01361	146	19.9
28-7 #173 Pit 2	0396G01362	ND	20.0
28-7 #173 Pit 3	0396G01363	ND	20.0
28-7 #196 Pit 1	0396G01364	ND	20.0
28-7 #196 Pit 2	0396G01365	ND	19.7

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: dkReviewed: SP

NOTES:

Pit 1

28-7 #173

7/16/96

3:30pm - sampled 6" w/ hand auger - 2pt Composite

↳ hit bedrock/clay @ 6"

OVN: 2 ppm (before factor) .94 ppm (after factor) @ 78°