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

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
P.O. Box 2088

Santa Fe, New Mexico 87504-2088

OK
Olson
6/30/01

SUBMIT 1 COPY TO APPROPRIATE DISTRICT OFFICE AND 1 COPY TO

SANTA FE OFFICE

(Revised 3/9/94)

PIT REMEDIATION AND CLOSURE REPORT

Operator: Conoco Inc **Telephone:** (505) 325-5813

Address: 3315 Bloomfield Highway Farmington, New Mexico 87401

Facility Or: San Juan 28-7-219
Well Name

Location: Unit or Qtr/Qtr Sec N Sec 20 T28N R7W County San Juan

Pit Type: Separator____ Dehydrator____ Other **Blow down pit**

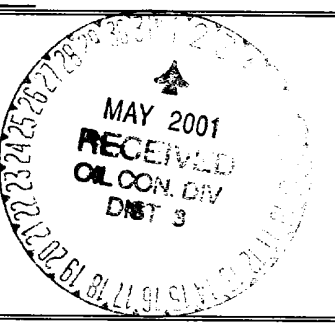
Land Type: BLM X, State____, Fee____, Other____

Pit Location: Pit dimensions: length **10'**, width **8'**, depth **3'**
(Attach diagram)

Reference: wellhead X, other

Footage from reference: **121'**

Direction from reference: **12 degrees North of West**



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) **20**
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) **10**
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) **20**
	RANKING SCORE (TOTAL POINTS): >19

San Juan 28-7-219
Conoco Inc.

Date Remediation Started: 6/8/95 **Date Completed:** 10/9/97

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

Other _____

_____

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

_____

General Description Of Remedial Action:
During June, 1995, the referenced location was assessed by Conoco and it was determined that the blow down pit was contaminated. Flow was stopped. The pit contained liquids so a boring was advanced approximately 4 feet from the southern corner of the pit. A single monitoring well was installed at this point. During the installation of the monitoring well soil samples were collected at 9, 18, 23, 33 and 38 feet below the ground surface (BGS) and by record field screened for volatile organic compounds. No evidence of laboratory results for soil samples were located in the Conoco local files. . Records indicate that groundwater monitoring was conducted from August, 1995 to October, 1997
Ground Water Encountered: No ____ Yes X Depth 55.5

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

Sample location ***Refer to attached***

Refer to attached report for Ground Water Sampling and laboratory results.
Sample depth

Sample Date` | Sample Time

Sample Results

Benzene (ppm) _____
Total BTEX (ppm) _____
Field headspace (ppm) _____

TPH _____

Ground Water Sample: Yes X 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: 27 April 2001
SIGNATURE John E Cofer
PRINTED NAME John E Cofer TITLE Environmental Coordinator

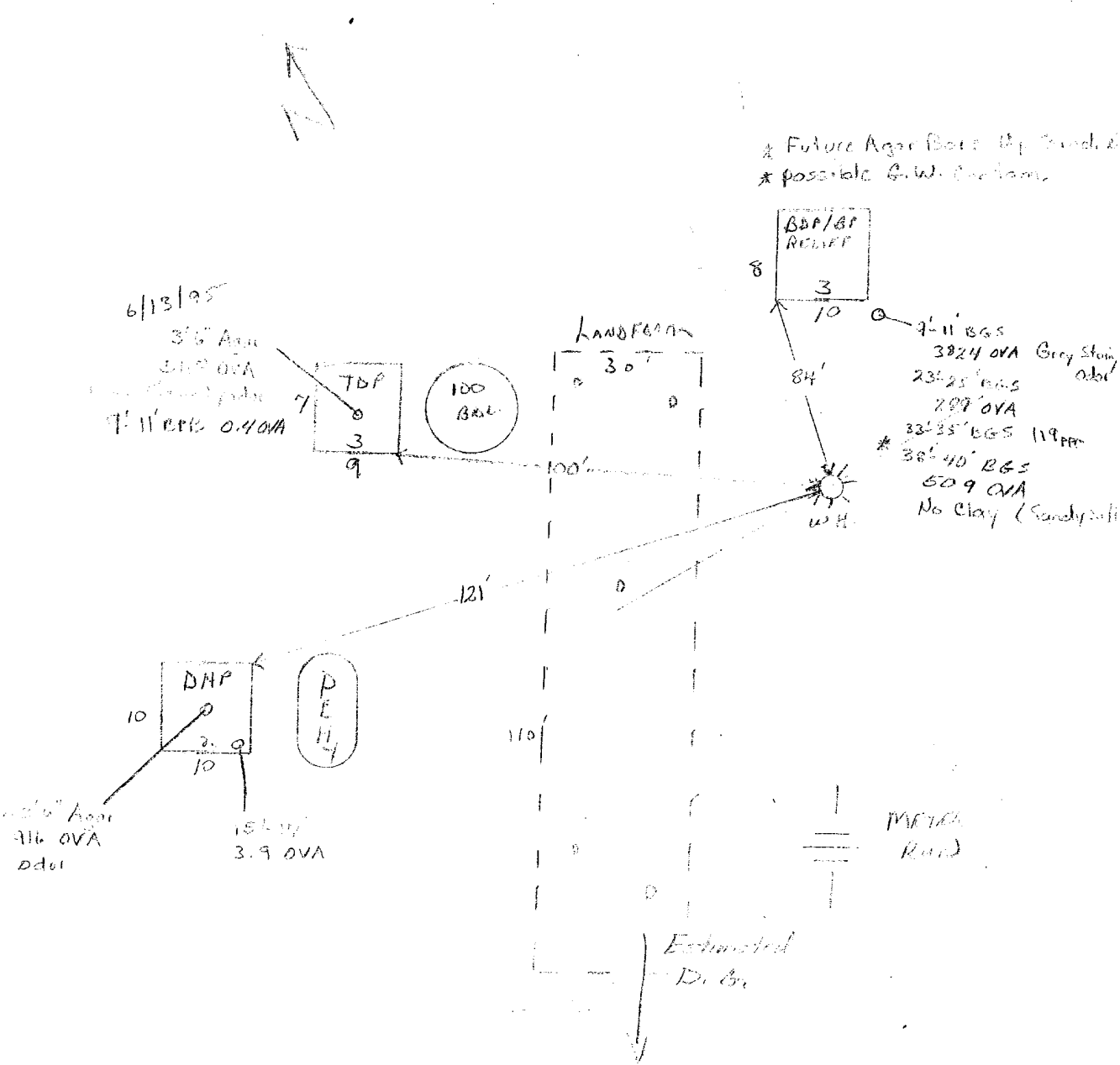
(OCD.)

PIT LOCATION AND COMPOSITE SAMPLE PROFILE MAP

WELL LOCATION: [illegible] S 20 T 28N R 12W UNIT D

DATE STARTED: 6/8/95 DATE COMPLETED: _____

Lease Name



o SOIL SAMPLE LOCATION

Δ BACKGROUND SAMPLE LOCATION

ON SITE
TECHNOLOGIES, LTD.

March 5, 2001

Conoco, Inc., San Juan/Lobo Business Unit
Attn.: Mr. Gary Ledbetter, Field SHEAR Specialist
3315 Bloomfield Hwy.
Farmington, NM 87401

RE: Request for Final Closure
Conoco Location: San Juan 28-7-219
Unit N, Sec. 20, T28N, R7W, NMPM, San Juan Co., NM

Project # 2-1361

The following report document is a summary of action at the Conoco location, San Juan 28-7-219 and request for closure of the location for ground water monitoring.

SUMMARY OF EVENTS:

During June, 1995, the referenced location was assessed by Conoco and it was determined that the blow down pit was contaminated. Flow was stopped. The pit contained liquids so a boring was advanced approximately 4 feet from the southern corner of the pit. A single monitoring well was installed at this point. During the installation of the monitoring well soil samples were collected at 9, 18, 23, 33 and 38 feet below the ground surface (BGS) and by record field screened for volatile organic compounds. No evidence of laboratory results for soil samples were located in the Conoco local files. . Records indicate that groundwater monitoring was conducted from August, 1995 to October, 1997.

Due to the time frame that the initial site assessment was conducted, laboratory results and QA/QC documents for soil and water sampling could not be located in local Conoco files and may have been previously submitted to the New Mexico Oil Conservation Division (NMCOD).

Laboratory results of the groundwater monitoring event from August, 1995 indicated that volatile organics, Benzene and Toluene above New Mexico Water Quality Control Commission (NMWQCC) standards present. Laboratory result from groundwater sampling event March, 1996 to October, 1997 showed results showed volatile organics of concern were below NMWQCC standards. The enclosed table summarizes groundwater monitoring laboratory results.

CONCLUSIONS:

The following conclusions are based on ground water monitoring results and trends, site observations, information gathered from available records, available laboratory results, and *ON SITE* 's past experience on similar sites.

1. The referenced site has had for four (4) constitutive quarters of BTEX contamination below NMWQCC standards.
2. The referenced location has continued to show hydrocarbon contamination at or below NMWQCC groundwater quality standards.
3. The site was met requirements of Conoco's Comprehensive Ground Water Remediation and Long-Term Monitoring for Conoco Locations in the San Juan Basin, New Mexico of four (4) consecutive quarters of water quality at or below NMWQCC standards

PO Box 2606
Farmington, NM 87499

505-325-5667

FAX: 505-327-1496

RECOMMENDATIONS:

On behalf of Conoco Inc., *ON SITE TECHNOLOGIES LIMITED PARTNERSHIP* requests that the referenced location be closed. Conoco's has met the requirements of the approved Comprehensive Ground Water Remediation and Long-Term Monitoring for Conoco Locations in the San Juan Basin, New Mexico, four (4) consecutive quarters of water quality at or below NMWQCC standards at the referenced site and permission be grated that groundwater monitoring wells be plugged and abandoned in accordance with current regulations and guidelines

If there are any questions regarding this status report, please contact either Myke Lane or Larry Trujillo at On Site Technologies, (505) 325-5667. Thank you for your consideration.

Respectfully submitted,

Lawrence "Larry" Trujillo, CHMM
Project Manager

Reviewed by:

Michael K. Lane, P.E.
Senior Engineer

ON SITE TECHNOLOGIES LIMITED PARTNERSHIP

Attachments:

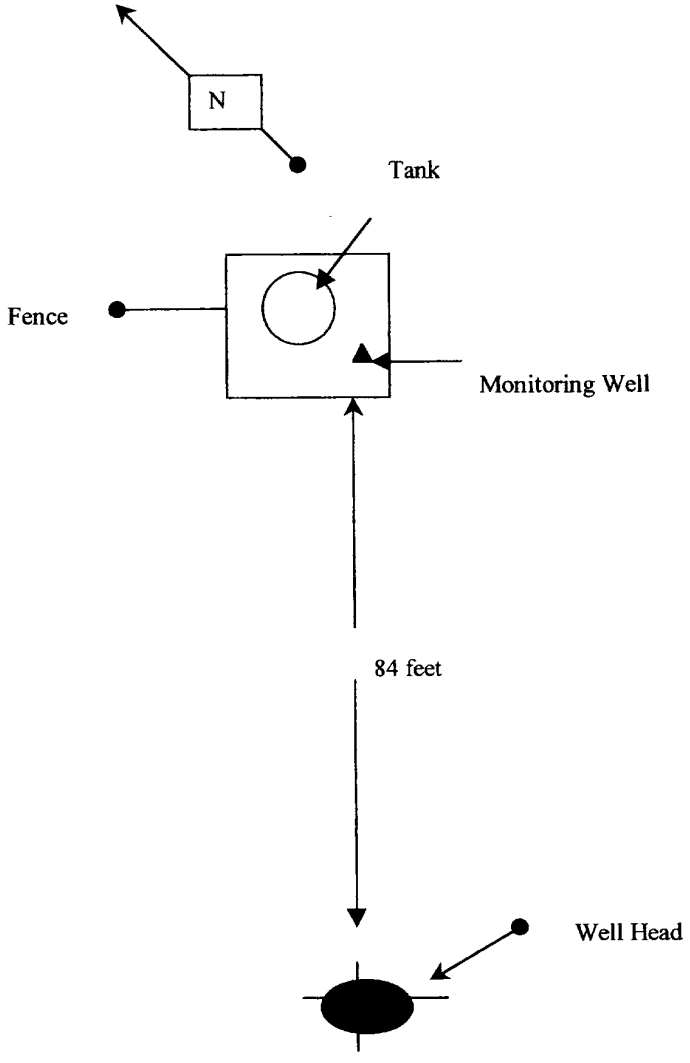
Ground Water BTEX Analytical Summary
Site Sketch

References:

New Mexico Oil Conservation Division, January 31, 1997 letter to Mr. Neal. Goates, Senior Environmental Specialist, Conoco, Inc. Midland Division, regarding: *Ground Water Contamination Assessment San Juan Unit Wells #219, #47, #19, #126., Conoco Location, San Juan 28-7-#219, Unit N, Sec. 20, T28N, R7W, NMPM, San Juan Co., NM.*

Comprehensive Ground Water Remediation and Long-Term Monitoring Plan for Conoco Locations in the San Juan Basin, New Mexico, submitted to the New Mexico Oil Conservation Division on October 15, 1997

On Site Technologies, February 1, 1998 letter to Ms. Shirley Ebert, Field SHEAR Specialist, Conoco, Inc. Midland Division, regarding: *1997 Annual Ground Water Report, Conoco Location, San Juan 28-7-#219, Unit N, Sec. 20, T28N, R7W, NMPM, San Juan Co., NM.*



On Site Technologies Limited Partnership

Conoco Location 28-7-219
Unit N, Section 20, T28N, R7W
Not to scale

On Site Technologies

BTEX Analytical Summary

San Juan 28-7-219

Unit N, Sec. 20, T28N, R7W

Sample Date	Sample ID#	Monitor Well	Remarks	BTEX per EPA 8020 (ppb)			
				Benzene	Toluene	Ethylbenzene	m,p-Xylene
08/11/95	0396G01375	MW#1	IML	170.0	993.0	165.0	54.1
03/12/96	0396G0350	MW#1	IML	0.10	0.27	BDL	BDL
07/15/96	0396G01343	MW#1	IML	5.0	10.1	BDL	3.5
03/26/97	14049	MW#1	On Site Lab.	8.4	19.2	0.6	6.0
06/10/97	14897	MW#1	On Site Lab.	0.3	0.5	BDL	0.3
10/09/97	16560	MW#1	On Site Lab.	0.3	BDL	BDL	BDL
WQCC	ACTION	LEVELS		10.0	750.0	750.0	620.0

BDL, Below Detection Levels

Inter-Mountain Laboratories, Inc.

2506 W. Main Street
Farmington, New Mexico 87401

TOTAL PETROLEUM HYDROCARBONS
EPA METHOD 418.1

Conoco Inc.

Project: Soil TPH
Matrix: Soil
Condition: Intact/Cool

Date Reported: 02/23/96
Date Sampled: 02/14-15/96
Date Received: 02/16/96
Date Extracted: 02/20/96
Date Analyzed: 02/21/96

Sample ID	Lab ID	Result (mg/kg)	Detection Limit (mg/kg)
SJ 28-7 58A LF	G00214	7,650	490
SJ 28-7 31 BRP	G00215	645	19
SJ 28-7 31 SEP	G00216	111	20
SJ 28-7 219 LF	G00217	43.0	19
SJ 28-7 73 DHP	G00218	24.6	19
SJ 28-7 73 TDP	G00219	796	19
SJ 28-7 224 LF	G00220	32.6	20
SJ 28-7 91 LF	G00221	81.4	19
SJ 28-7 225 LF DHP	G00222	31.3	19
SJ 28-7 72 A LF	G00223	1,070	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: _____ Reviewed: _____