

District I
P.O. Box 1980, Hobbs, NM
District II
P.O. Box 1980, Hobbs, NM
DEPUTY OIL & GAS INSPECTOR
88211
District III DEC 17 1998
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

OIL CONSERVATION DIVISION
P.O. Box 2088

SANTA FE OFFICE

Santa Fe, New Mexico 87504-2088

(Revised 3/9/94)

PIT REMEDIATION AND CLOSURE REPORT

Operator: Conoco Inc. Telephone: (915) 686-5453

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

Facility Or: Nickson # 10
Well Name

Location: Unit O Sec. 14 T26N R8W County San Juan

Pit Type: Separator X, Dehydrator , Other

Land Type: BLM X, State , Fee , Other

RECEIVED
JUL 20 1998
OIL CON. DIV.
DIST. 3

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

Reference: wellhead X, other

Footage from reference: 75'

Direction from reference: 35 Degrees X West North
of
 East 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) 0

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) 0

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) 0

RANKING SCORE (TOTAL POINTS): 0

Date Remediation Started: _____ Date Completed: _____

Remediation Method: Excavation _____ Approx. cubic yards _____

(Check all appropriate sections)

Landfarmed _____ Insitu Bioremediation X

Other _____

Remediation Location: Onsite X Offsite _____

(i.e. landfarmed onsite, name and location of offsite facility)

General Description Of Remedial Action: Pit was sampled on April 23, 1998. Samples were taken from each of the sidewalls and from the center of the pit. The center sample was taken at an approximate depth of three (3) feet below the bottom of the pit where Shale was encountered. Sample depth for each sidewall was approximately three (3) feet in to the sidewall. Shale was again encountered at this depth. Using an OVM with PID samples were field screened in accordance with NMOCD Heated Headspace Method. OVM reading results shown on the following table. Center sample OVM reading was 301.0 units it was split and placed in a clean jar with Teflon® closure, placed on ice and transported to lab. Sidewall samples were below 20.0 unit on OVM and were split, composited, placed in a clean jar with Teflon® closure, placed on ice and transported to lab. Center sample was analyzed per EPA Methods 8015m Total Petroleum Hydrocarbons and 8020 BTEX. Sidewall sample was analyzed per EPA Method 8015m Total Petroleum Hydrocarbons

Sample	Center	North wall	East wall	West wall	South wall
OVM Units	301	19.5	18.4	18.6	16.9

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: Three feet below center of pit and three feet into each side wall

Sample depth: Approximately three feet

Sample Date: 4/23/98

Sample Time: 10:16 and 10:23

Sample Results

CENTER SAMPLE

Benzene (ppm): 2.0

Total BTEX (ppm): 42.0

Field headspace (ppm):

Refer to Table

TPH (ppm): 7780.0

BDL Below Detection Limits

SIDEWALL SAMPLE

Field headspace (ppm)

Refer to Table

910

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

7/14/98

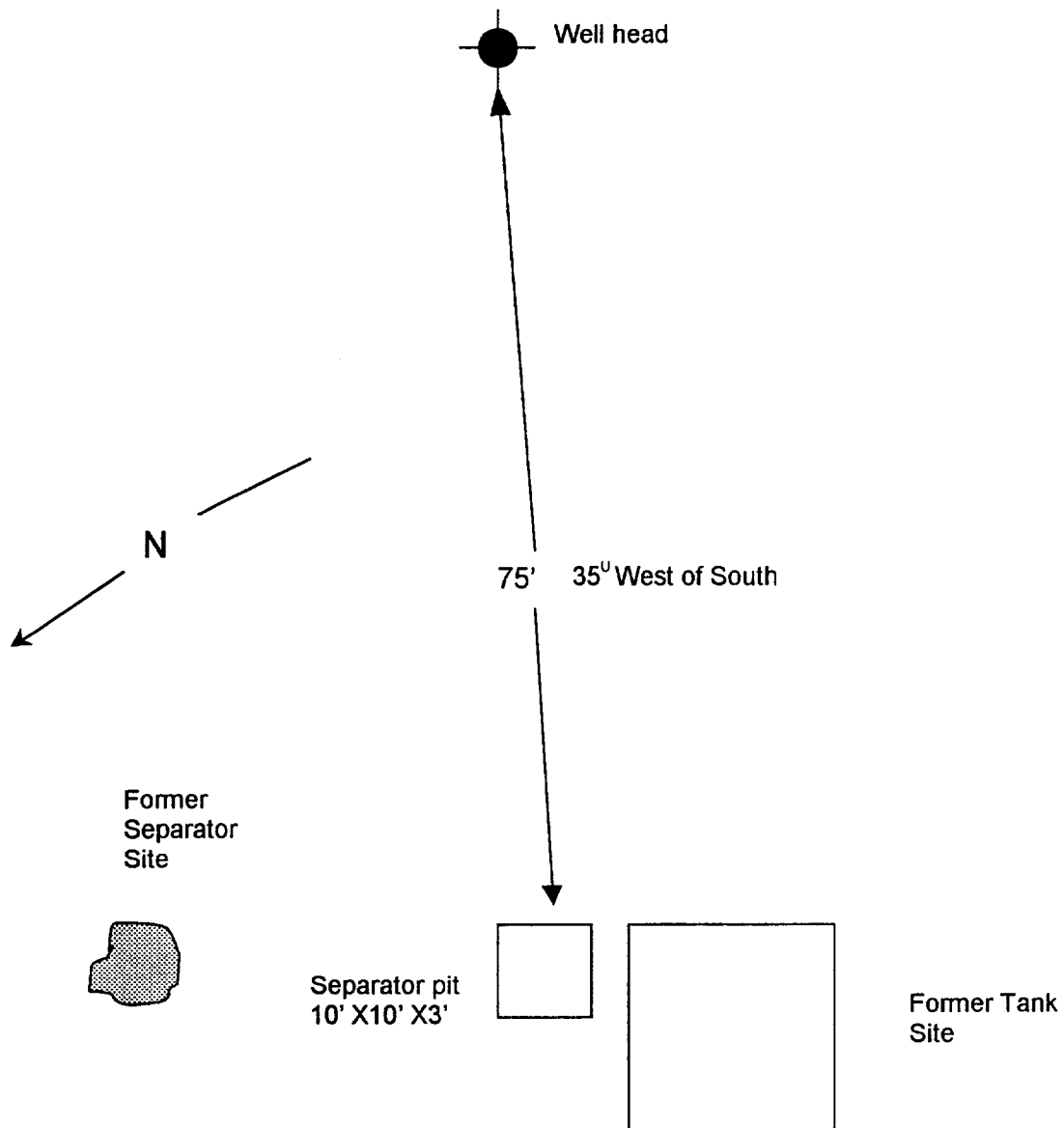
PRINTED NAME

Shirley Ebert

SIGNATURE and

TITLE

Shirley Ebert Shear & Associates



Nickson #10
NOT TO SCALE
Sample taken from center of each pit
and from each sidewall at approximately
3 feet. Shale encountered at a depth of
3 feet in all sampling points.

OFF: (505) 325-5667

ON SITE
TECHNOLOGIES, LTD.

LAB: (505) 325-1556

April 30, 1998

Larry Trujillo
On Site Technologies, Limited Partnership
612 E. Murray Drive
P.O. Box 2606
Farmington, NM 87499
TEL: (505) 325-5667
FAX (505) 327-1496

RE: 4-1451; Nickson #10

Order No.: 9804036

Dear Larry Trujillo,

On Site Technologies, LTD. received 2 samples on 4/23/98 for the analyses presented in the following report.

The Samples were analyzed for the following tests:

BTEX (SW8020A)

Diesel Range Organics (SW8015)

Gasoline Range Organics (SW8015)

There were no problems with the analyses and all data for associated QC met EPA or laboratory specifications except where noted in the Case Narrative.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,



David Cox

OFF: (505) 325-5667

ON SITE
TECHNOLOGIES, LTD.

LAB: (505) 325-1556

On Site Technologies, LTD.

Date: 30-Apr-98

CLIENT: On Site Technologies, Limited Partnership

Project: 4-1451; Nickson #10

Lab Order: 9804036

CASE NARRATIVE

Samples were analyzed using the methods outlined in the following references:

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, 3rd Edition

All method blanks, laboratory spikes, and/or matrix spikes met quality assurance objectives.
Analytical Comments for METHOD 8015GRO_S, SAMPLE 9804036-01A: Surrogate, a,a,a-Trifluorotoluene, recovery out of range due to matrix interference, high concentration soil.

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT**Date:** 30-Apr-98

Client:	On Site Technologies, Limited Partnership	Client Sample Info:	Nickson #10
Work Order:	9804036	Client Sample ID:	Sample #1 Center of Pit
Lab ID:	9804036-01A	Matrix:	SOIL
Project:	4-1451; Nickson #10	Collection Date:	4/23/98 10:16:00 AM
		COC Record:	6953

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015				Analyst: HR
T/R Hydrocarbons: C10-C28	7000	50		mg/Kg	2	4/28/98
GASOLINE RANGE ORGANICS		SW8015				Analyst: HR
T/R Hydrocarbons: C6-C10	780000	45000		µg/Kg	250	4/26/98
Surr: Trifluorotoluene	176.1	70-130	S	%REC	250	4/26/98
BTEX		SW8020A				Analyst: DC
Benzene	2000	250		µg/Kg	250	4/24/98
Toluene	1300	500		µg/Kg	250	4/24/98
Ethylbenzene	4600	250		µg/Kg	250	4/24/98
m,p-Xylene	28000	500		µg/Kg	250	4/24/98
o-Xylene	6100	250		µg/Kg	250	4/24/98
Surr: Fluorobenzene	108.8	70-130		%REC	250	4/24/98
Surr: 1,4-Difluorobenzene	91.2	70-130		%REC	250	4/24/98
Surr: 4-Bromochlorobenzene	87.4	70-130		%REC	250	4/24/98

Qualifiers:

PQL - Practical Quantitation Limit

ND - Not Detected at Practical Quantitation Limit

J - Analyte detected below Practical Quantitation Limit

B - Analyte detected in the associated Method Blank

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

Surr: - Surrogate

1 of 1

OFF: (505) 325-5667

ON SITE

TECHNOLOGIES, LTD.

LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 30-Apr-98

Client:	On Site Technologies, Limited Partnership	Client Sample Info:	Nickson #10
Work Order:	9804036	Client Sample ID:	Sample #2 Side Wall Composite
Lab ID:	9804036-02A	Matrix:	SOIL
Project:	4-1451; Nickson #10	Collection Date:	4/23/98 10:23:00 AM
		COC Record:	6953

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015				Analyst: HR
T/R Hydrocarbons: C10-C28	910	25		mg/Kg	1	4/28/98
GASOLINE RANGE ORGANICS		SW8015				Analyst: HR
T/R Hydrocarbons: C6-C10	ND	180		µg/Kg	1	4/26/98
Surr: Trifluorotoluene	96.0	70-130		%REC	1	4/26/98

Qualifiers:	PQL - Practical Quantitation Limit	S - Spike Recovery outside accepted recovery limits
	ND - Not Detected at Practical Quantitation Limit	R - RPD outside accepted recovery limits
	J - Analyte detected below Practical Quantitation Limit	E - Value above quantitation range
	B - Analyte detected in the associated Method Blank	Surr: - Surrogate

1 of 1

TECHNOLOGIES, LTD.
657 W. Maple • P. O. Box 2606 • Farmington NM 87499
LAB: (505) 325-5667 • FAX: (505) 325-6256

Purchase Order No.:

Job No. 4-1451

SEND
INVOICE
TO

Name Larry Tracy, 116

Company	Corvco
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Address

City, State, Zip

Sampling Location: Jackson # 10

Mickson # 10

Sampler:

SAMPLE IDENTIFICATION

SAMPLE	MATRIX	PRES.

DATE	TIME	
11/1	1:30	

Sample #1 Center of P₁ +

Sample #2 Side wall Composite

Relinquished by:

Date/Time 1200 / 4-23-98 Received by:

Relinquished by:

Date/Time

Relinquished by:

Received by:

Method of Shipment:

24-48 Hours

10 Working Days

Special Instructions:

Authorized by:

Date _____

(Client Signature Must Accompany Request)

Distribution	White	On Site	Yellow	LAB	Pink	Sampler	Goldentrod	Client
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657 W. Maple • P. O. Box 2606 • Farmington NM 87499
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