OK

District I P.O. Box 1980, Hobbs, NM District II P.O. Drawer, 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	SUBMIT 1 COPY TO APPROPRIATE DISTRICT OFFICE AND 1 COPY TO SANTA FE OFFICE (Revised 3/9/94)

RECEIVED
JUL - 9 1999
OIL CON. DIV.
DIST. 3

PIT REMEDIATION AND CLOSURE REPORT

Operator: Conoco Inc. Telephone: 505-324-5813

Address: 3315 Bloomfield Hwy - Farmington, NM 87401

Facility Or: Fogelson 10-1

Well Name

Location: Unit or Qtr/Qtr Sec E Sec 10 T 29N R 11 County San Juan

Pit Type: Separator X Dehydrator ____ Other ____

Land Type: BLM ____ State ____ Fee X Other ____

Pit Location: (Attach diagram)
Pit dimension: length 15' width 16' depth 4'
Reference: wellhead X other ____
Footage from reference: 100'
Direction from reference: 309 Degrees ____ East ____ X North of
X West ____ South

Depth To Ground Water: (Vertical distance from contaminants to seasonal high water elevation of ground water)	Less than 50 feet 50 feet to 9 feet Greater than 100 feet	(20 points) (10 points) (0 points)	
		Total	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)		
		Total	0
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)	(20 points) (10 points) (0 points)
		Total	0
		RANKING SCORE (TOTAL POINTS):	0

Date Remediation Started: _____ Date Completed: _____

Remediation Method: (Check all appropriate sections) Excavation: _____ Approx. cubic yards _____

Landfarm _____ Insitu Bioremediation _____

Other _____

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

General Description Of Remedial Action: One sample was taken at 3' below bottom of pit center. No PID reading was conducted on location. Sample was transported to laboratory for TPH analysis per EPA Method 8015 and for BTEX analysis per EPA Method 8020A.

Ground Water Encountered: No X Yes ___ Depth _____

Final Pit: Sample location Center of pit below bottom of pit

Closure Sampling: _____

(if multiple samples attach sample results and diagram of sample locations and depths) Sample depth 3'

Sample date 2/17/99 Sample time 8:42 AM

Sample Results

Benzene (ppm) 0.84

Total BTEX (ppm) 43.84

Field headspace (ppm) 480

TPH 430

Ground Water Sample: Yes ___ No X (If yes, attach sample results)

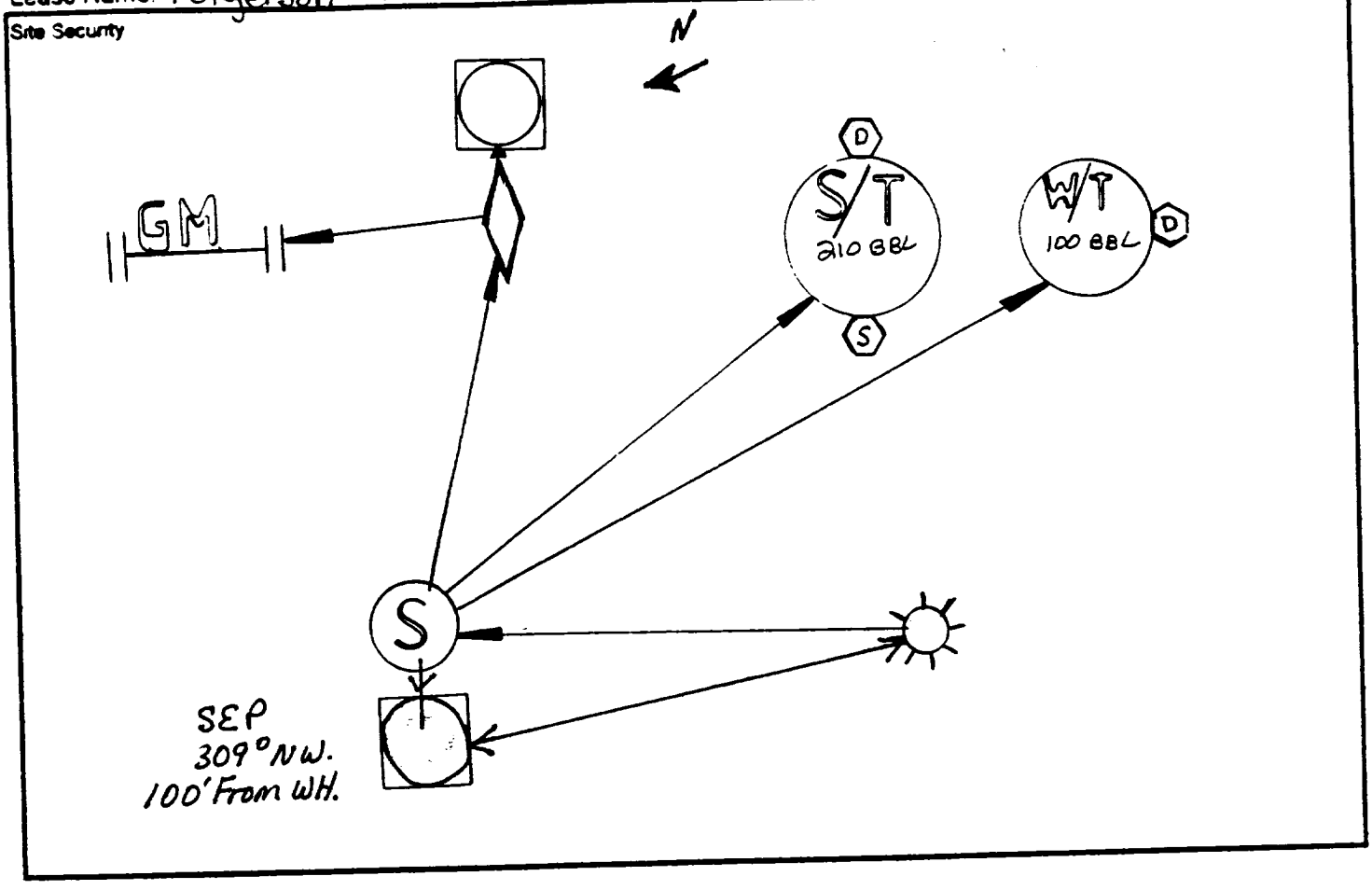
I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF

DATE 6-28-99 PRINTED NAME _____

SIGNATURE Jack Velez AND TITLE P.E.

Lease Name: Folgelson 10-1 Operator: R. Brooks Date: 2-17-99

Site Security



Lease Name: Folgelson 10-1

Federal/ Indian Lease No: FEE

CA No.: 8910072810

Unit : E

Legal Description: Sect. 10 TP 29N R 11W

County: San Juan

Load line valves :
Sealed during Production

Drain line valves :
Sealed during Production

Production Line valve:
Sealed during sales

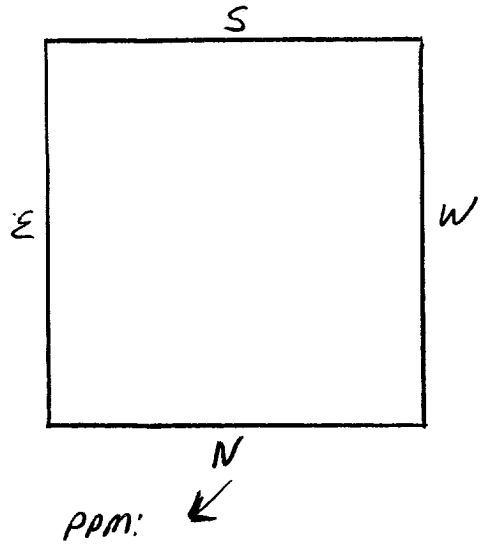
This lease is subject to the site security plan for San Juan Basin Operations. The plan is located at:
Conoco Inc.
3315 Bloomfield Hwy
Farmington, NM

Fogelson 10 1 Sep P.t.

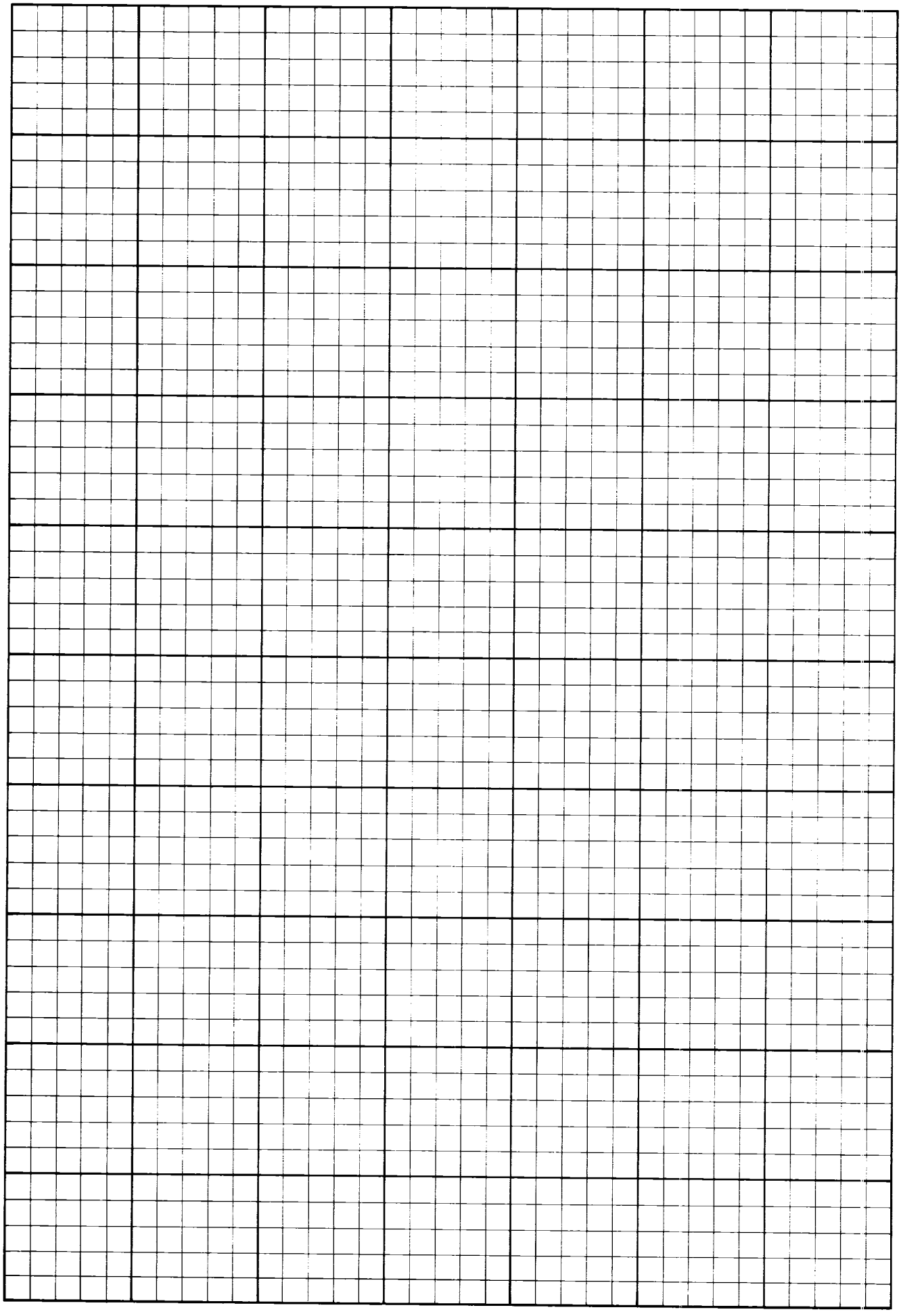
100' From well head 309° N.W.

15' x 16' x 4'

Instaled 20 Bbl P.t TNK.



		Time:	PPM:
CENTER	OF PIT		
North	WALL	842	480
EAST	WALL	~~844~~	703
West	WALL	845	65
South	WALL	847	584
		848	32



CHAIN OF CUSTODY RECORD

5705

ON SITE TECHNOLOGIES, LTD.

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

Date: 2-17-99

Page 1 of 1

Purchase Order No.:		Job No.	
SEND INVOICE TO — Name	Shirley Ebert		
Company	Conoco Inc.	Dept.	
Address	3315 Bloomfield Hwy.		
City, State, Zip	Farmington NM 87401		
Sampling Location:	Fogelson 10-1 SEP		
Sampler:	J. Valdez		

REPORT RESULTS TO — Name / Title; Company; Mailing Address; City, State, Zip; Telephone No. / Telefax No.

SAMPLE IDENTIFICATION	SAMPLE DATE	SAMPLE TIME	MATRIX	PRES.	Number of Containers	BTEX	TPH 8010	8015	LAB ID
Center of P.I.	2-17-99	0842	Soil	None	1	✓	✓	480	9902072-01A
North Wall	2-17-99	0844	Soil	None				703	
East Wall	2-17-99	0845	Soil	None				85	
West Wall	2-17-99	0847	Soil	None				584	
South Wall	2-17-99	0848	Soil	None				32	
4 PT Composite	2-17-99	0858	Soil	None	1	✓	✓		9902072-02A

OVM READING

Relinquished by:	Jesse Valdez	Date/Time 2-17-99 1151	Received by:
Relinquished by:		Date/Time	Received by:
Relinquished by:		Date/Time	Received by:

Date/Time 2/17/99 1151

Date/Time

Date/Time

Method of Shipment:

Authorized by: _____ Date _____
(Client Signature Must Accompany Request)

Rush	24-48 Hours	10 Working Days	Special Instructions:

Distribution: White – On Site Yellow – LAB Pink – Sampler Goldenrod – Client

CHAIN OF CUSTODY RECORD

5705

ON SITE TECHNOLOGIES, LTD.

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

Date: 2-17-99

Page 1 of 1

Purchase Order No.: | Job No.

SEND INVOICE TO
Name: Shirley Ebert
Company: Conoco Inc. | Dept.
Address: 3315 Bloomfield Hwy.
City, State, Zip: Farmington NM 87401

REPORT RESULTS TO
Name | Title
Company
Mailing Address
City, State, Zip
Telephone No. | Telefax No.

Sampling Location: Fogelson 10-1 SEP

Sampler: J. Valdez

SAMPLE IDENTIFICATION	SAMPLE DATE	SAMPLE TIME	MATRIX	PRES.	Number of Containers	BTEX 8020	TPH 8015	LAB ID
Center of P.I.	2-17-99	0842	Soil	None	1	✓	✓	480
North Wall	2-17-99	0844	Soil	None				903
East Wall	2-17-99	0845	Soil	None				85
West Wall	2-17-99	0847	Soil	None				584
South Wall	2-17-99	0848	Soil	None				32
4 PT Composite	2-17-99	0858	Soil	None	1	✓	✓	

OVM READING

ANALYSIS REQUESTED

Relinquished by: Jose Valdez	Date/Time 2-17-99 1151	Received by:	Date/Time
Relinquished by:	Date/Time	Received by:	Date/Time
Relinquished by:	Date/Time	Received by:	Date/Time

Method of Shipment:

Authorized by: _____ Date _____
(Client Signature Must Accompany Request)

Rush	24-48 Hours	10 Working Days	Special Instructions:

Distribution: White – On Site Yellow – LAB Pink – Sampler Goldenrod – Client

OFF: (505) 325-5667

ON SITE
TECHNOLOGIES, LTD.

LAB: (505) 325-1556

March 10, 1999

Shirley Ebert
Conoco, Inc.
3315 Bloomfield Hwy
Farmington, NM 87401
TEL: (505) 324-5813
FAX (505) 324-5825

RE: Fogelson 10-1 SEP Order No.: 9902072

Dear Shirley Ebert,

On Site Technologies, LTD. received 2 samples on 2/17/99 for the analyses presented in the following report.

The Samples were analyzed for the following tests:
BTEX (SW8021B)
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: *10-Mar-99*

CLIENT: Conoco, Inc.
Project: Fogelson 10-1 SEP
Lab Order: 9902072

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.

P.O. BOX 2606 • FARMINGTON, NM 87499

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

ANALYTICAL REPORT

Date: *10-Mar-99*

Client:	Conoco, Inc.	**Client Sample Info:**	Fogelson 10-1 SEP
Work Order:	9902072	**Client Sample ID:**	Center of Pit
Lab ID:	9902072-01A **Matrix:** SOIL	**Collection Date:**	2/17/99 8:42:00 AM
Project:	Fogelson 10-1 SEP	**COC Record:**	5705

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		**SW8015**				Analyst: **HR**
T/R Hydrocarbons: C10-C28	180	25		mg/Kg	1	3/3/99
GASOLINE RANGE ORGANICS		**SW8015**				Analyst: **HR**
T/R Hydrocarbons: C6-C10	250	36		mg/Kg	200	2/25/99
BTEX		**SW8021B**				Analyst: **HR**
Benzene	840	500		µg/Kg	500	2/22/99
Toluene	ND	1000		µg/Kg	500	2/22/99
Ethylbenzene	4800	500		µg/Kg	500	2/22/99
m,p-Xylene	32000	1000		µg/Kg	500	2/22/99
o-Xylene	6200	500		µg/Kg	500	2/22/99

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

P.O. BOX 2606 • FARMINGTON, NM 87499

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

ANALYTICAL REPORT

Date: *10-Mar-99*

Client:	Conoco, Inc.	**Client Sample Info:**	Fogelson 10-1 SEP
Work Order:	9902072	**Client Sample ID:**	4pt. Composite
Lab ID:	9902072-02A **Matrix:** SOIL	**Collection Date:**	2/17/99 8:58:00 AM
Project:	Fogelson 10-1 SEP	**COC Record:**	5705

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		**SW8015**				Analyst: **HR**
T/R Hydrocarbons: C10-C28	3400	50		mg/Kg	2	3/3/99
GASOLINE RANGE ORGANICS		**SW8015**				Analyst: **HR**
T/R Hydrocarbons: C6-C10	2600	90		mg/Kg	500	2/25/99
BTEX		**SW8021B**				Analyst: **HR**
Benzene	4500	1000		µg/Kg	1000	2/24/99
Toluene	27000	2000		µg/Kg	1000	2/24/99
Ethylbenzene	9400	1000		µg/Kg	1000	2/24/99
m,p-Xylene	120000	2000		µg/Kg	1000	2/24/99
o-Xylene	29000	1000		µg/Kg	1000	2/24/99

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

P.O. BOX 2606 • FARMINGTON, NM 87499