District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-144
June 1, 2004

For drilling and production facilities, submit to appropriate NMOCD District Office.
For downstream facilities, submit to Santa Fe office

Pit or Below-Grade Tank Registration or Closure

Is pit or below-grade tank covered by a "general plan"? Yes ☐ No ☒
Type of action: Registration of a pit or below-grade tank ☐ Closure of a pit or below-grade tank ☒

Operator: Resource Development Technology LLC Telephone: (303) 716-3200 e-mail address: ras.rdt@mindspring.com
Address: P.O. Box 1020, Morrison, CO 80465
Facility or well name: **Canyon Largo Unit Federal #314 API #: 30-039-22903 U/L or Qtr/Qtr: 1650' FSL & 1850' FEL, Unit 'J' of Sec 21 T 25N R6W**
County: Rio Arriba Latitude _____ Longitude _____ NAD: 1927 ☐ 1983 ☐
Surface Owner: Federal ☐ State ☐ Private ☒ Indian ☐

Pit	**Below-grade tank**		
Type: Drilling ☐ Production ☒ Disposal ☐ Workover ☐ Emergency ☐ Lined ☐ Unlined ☒ Liner type: Synthetic ☐ Thickness ____mil Clay ☐ Pit Volume 250 bbl – THIS PIT IS PIT 1	Volume: 55 bbl Type of fluid: Separator fluids Construction material: Fiberglass Double-walled, with leak detection? Yes ☐ If not, explain why not. One (1) fiberglass tank was removed; soil was remediated as Pit 2.		
Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.)	Less than 50 feet 50 feet or more, but less than 100 feet 100 feet or more	(20 points) (10 points) (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 No	(20 points) (0 points)	0
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	Less than 200 feet 200 feet or more, but less than 1000 feet 1000 feet or more	(20 points) (10 points) (0 points)	10
	Ranking Score (Total Points)		30

If this is a pit closure: (1) Attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location: (check the onsite box if your are burying in place) onsite ☒ offsite ☐ If offsite, name of facility_____. (3) Attach a general description of remedial action taken including remediation start date and end date. (4) Groundwater encountered: No ☒ Yes ☐ If yes, show depth below ground surface_____ft. and attach sample results. (5) Attach soil sample results and a diagram of sample locations and excavations.

Additional Comments: Two unlined production pits were remediated by excavating contaminated soil and landfarming the soil on-site. Pit 1 was the original production pit west of the separator; approximately 160 cubic yards of soil were excavated from this pit. Pit 2, which was estimated at 250 barrels in size, was located adjacent to the separator. Pit 2 had an improperly installed fiberglass tank in it, which was removed. Approximately 80 cubic yards of soil were excavated from this pit. On 6/28/04, a composite wall sample and a composite bottom sample were taken from each pit and sent to the laboratory for TPH and BTEX analysis. Pit 2 sides were re-tested on 8/28/04; additional soil had been removed from the sides because of staining. The land farm was sampled on 10/25/04. The site diagram and sample results are attached. All sample results are less than the 100 ppm TPH standard for the site.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. **I further certify that the above-described pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☒, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.**

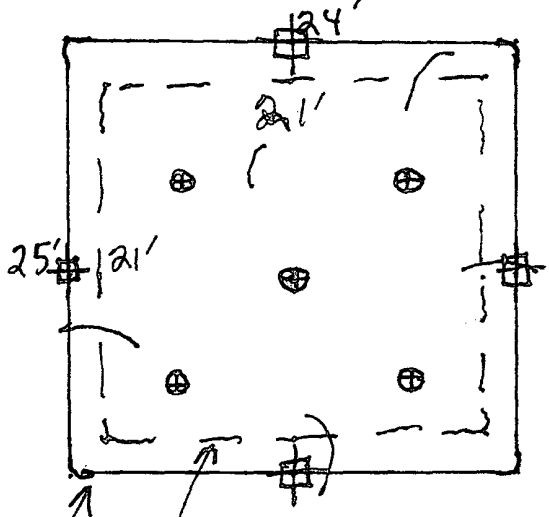
Date: 9/5/2006
Printed Name/Title Robert A. Schwering, Operations Manager Signature R. A. Schwering

Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations.

Approval:
Printed Name/Title DEPUTY OIL & GAS INSPECTOR, DIST. Signature Brandon Powell Date: SEP 05 2006

C.L.V. #314 Figure 2: Pit 1 Earthen Pit Schematic

Plan View

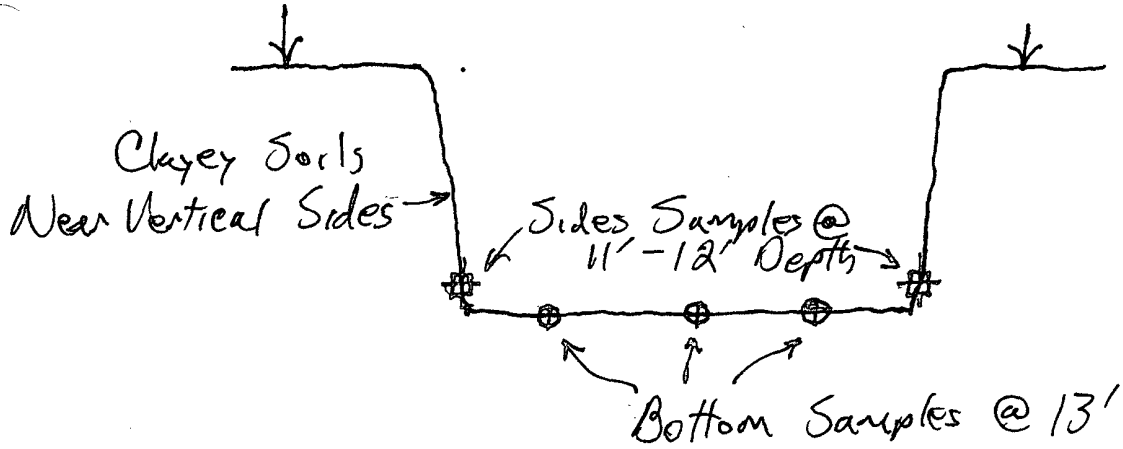


Scale
1" = 10'

Original Pit Excavation by Merrion:
21' x 21' x 10'

Re-Excavation By ROT: 25' x 24' x 13'

Section View

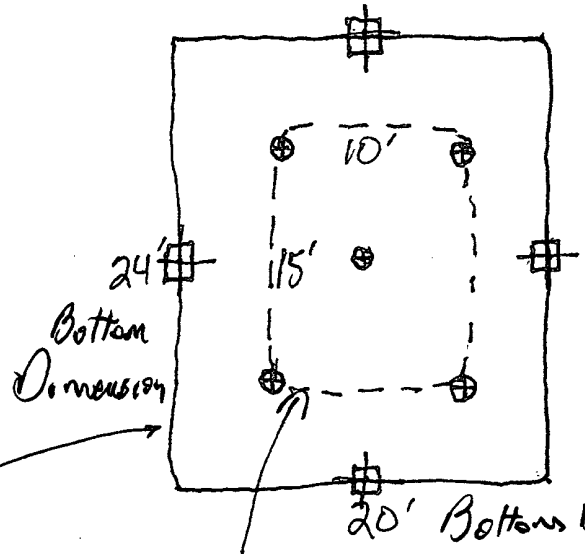


⊕: Approx. Sampling Points for Bottom Composite Sample (5 spot)

#: Approx. Sampling Points for Side Composite Sample (4 spot)

C.L.U. #314 | Figure 2: Pit #2 | Earthen Pit Schematic

Plan View

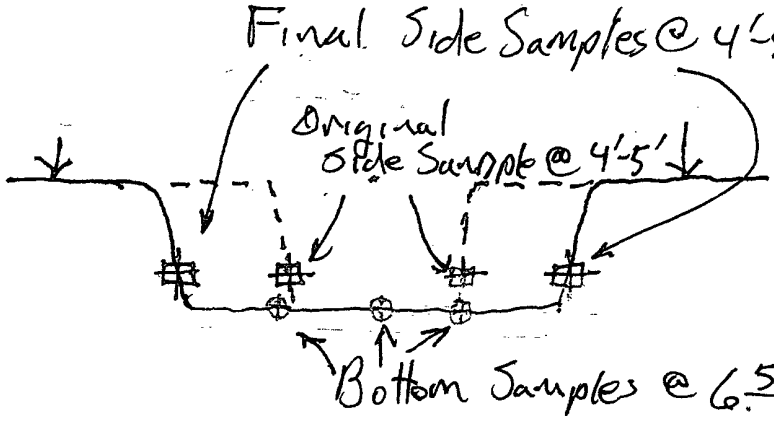


Scale
1" = 50'

Original Excavation: 15' x 10' x 6.5': Still Above Standard @ Sides

FINAL EXCAVATION: 24' x 20' x 6.5': Sides & Bottom Met Standard

Section View



⊕: Approx. Sampling Points for Bottom Composite Sample (5 spot)

⊞: Approx. Sampling Points for Side Composite Sample (4 spot)

Green Analytical Laboratories, Inc.
75 Suttle Street
Durango, CO 81303

GAL I.D.: **406-141-22**
Date Received: 06/29/04
Date Reported: 07/02/04
QC Batches:

Resource Development Technology LLC
PO Box 1020
Morrison, CO 80465
Attention: Bob Schwering

PROJECT NAME: RDT Pits
PROJECT NUMBER:
SAMPLE I.D.: CLU 314 Pit 1 Bottom

Sample Date: 06/28/04
Sample Matrix: Soil

Petroleum Hydrocarbons

RESULTS

PARAMETER	METHOD	REPORT LIMIT	RESULT	DIL	UNITS	DATE ANALYZED	ANALYST
Benzene	8021	0.005	<0.005	1	mg/kg	07/01/04	LM
Ethylbenzene	8021	0.005	<0.005	1	mg/kg	07/01/04	LM
Toluene	8021	0.005	<0.005	1	mg/kg	07/01/04	LM
Xylene, total	8021	0.005	<0.005	1	mg/kg	07/01/04	LM
TPHGRO	8015	0.1	<0.1	1	mg/kg	07/01/04	LM
TPHDRO	8015	10	<10	1	mg/kg	07/01/04	LM
Total TPH	8015/8021		<10	1	mg/kg	07/01/04	LM

John Green, Laboratory Manager

Green Analytical Laboratories, Inc.
75 Suttle Street
Durango, CO 81303

GAL I.D.: **406-141-23**
Date Received: 06/29/04
Date Reported: 07/12/04
QC Batches:

Resource Development Technology LLC
PO Box 1020
Morrison, CO 80465
Attention: Bob Schwering

PROJECT NAME: RDT Pits
PROJECT NUMBER:
SAMPLE I.D.: CLU 314 Pit 1 Sides

Sample Date: 06/28/04
Sample Matrix: Soil

Petroleum Hydrocarbons

RESULTS

PARAMETER	METHOD	REPORT LIMIT	RESULT	DIL	UNITS	DATE ANALYZED	ANALYST
Benzene	8021	0.005	<0.005	1	mg/kg	07/07/04	LM
Ethylbenzene	8021	0.005	<0.005	1	mg/kg	07/07/04	LM
Toluene	8021	0.005	<0.005	1	mg/kg	07/07/04	LM
Xylene, total	8021	0.005	<0.005	1	mg/kg	07/07/04	LM
TPHGRO	8015	0.1	<0.1	1	mg/kg	07/07/04	LM
TPHDRO	8015	10	<10	1	mg/kg	07/11/04	LM
Total TPH	8015/8021		<10	1	mg/kg	07/11/04	LM

John Green, Laboratory Manager

Green Analytical Laboratories, Inc.
75 Suttle Street
Durango, CO 81303

GAL I.D.: **406-141-20**

Resource Development Technology LLC
PO Box 1020
Morrison, CO 80465
Attention: Bob Schwering

Date Received: 06/29/04
Date Reported: 07/02/04
QC Batches:

PROJECT NAME: RDT Pits
PROJECT NUMBER:
SAMPLE I.D.: CLU 314 Pit 2 Bottom

Sample Date: 06/28/04
Sample Matrix: Soil

Petroleum Hydrocarbons

RESULTS

PARAMETER	METHOD	REPORT LIMIT	RESULT	DIL	UNITS	DATE ANALYZED	ANALYST
Benzene	8021	0.005	<0.005	1	mg/kg	07/01/04	LM
Ethylbenzene	8021	0.005	<0.005	1	mg/kg	07/01/04	LM
Toluene	8021	0.005	<0.005	1	mg/kg	07/01/04	LM
Xylene, total	8021	0.005	<0.005	1	mg/kg	07/01/04	LM
TPHGRO	8015	0.1	<0.1	1	mg/kg	07/01/04	LM
TPHDRO	8015	10	34.9	1	mg/kg	07/01/04	LM
Total TPH	8015/8021		34.9	1	mg/kg	07/01/04	LM

John Green, Laboratory Manager

Green Analytical Laboratories, Inc.
75 Suttle Street
Durango, CO 81303

GAL I.D.:	**406-141-21**
Date Received:	06/29/04
Date Reported:	07/12/04
QC Batches:	

Resource Development Technology LLC
PO Box 1020
Morrison, CO 80465
Attention: Bob Schwering

PROJECT NAME: RDT Pits
PROJECT NUMBER:
SAMPLE I.D.: CLU 314 Pit 2 Sides

Sample Date: 06/28/04
Sample Matrix: Soil

Petroleum Hydrocarbons

RESULTS

PARAMETER	METHOD	REPORT LIMIT	RESULT	DIL	UNITS	DATE ANALYZED	ANALYST
Benzene	8021	0.005	<0.005	1	mg/kg	07/07/04	LM
Ethylbenzene	8021	0.005	<0.005	1	mg/kg	07/07/04	LM
Toluene	8021	0.005	<0.005	1	mg/kg	07/07/04	LM
Xylene, total	8021	0.005	<0.005	1	mg/kg	07/07/04	LM
TPHGRO	8015	0.1	<0.1	1	mg/kg	07/07/04	LM
TPHDRO	8015	10	474	1	mg/kg	07/11/04	LM
Total TPH	8015/8021		474	1	mg/kg	07/11/04	LM

John Green, Laboratory Manager

Green Analytical Laboratories, Inc.
75 Suttle Street
Durango, CO 81303

GAL I.D.: **408-119-04**
Date Received: 08/24/04
Date Reported: 08/27/04
QC Batches:

Resource Development Technology
PO Box 1020
Morrison, CO 80465
Attention: Bob Schwering

PROJECT NAME: RDT Pits
PROJECT NUMBER:
SAMPLE I.D.: CLU 314 Pit 2 Sides

Sample Date: 08/24/04
Sample Matrix: Soil

Petroleum Hydrocarbons

RESULTS

PARAMETER	METHOD	REPORT LIMIT	RESULT	DIL	UNITS	DATE ANALYZED	ANALYST
Benzene	8021	0.005	<0.005	1	mg/kg	08/25/04	LM
Ethylbenzene	8021	0.005	<0.005	1	mg/kg	08/25/04	LM
Toluene	8021	0.005	<0.005	1	mg/kg	08/25/04	LM
Xylene, total	8021	0.005	<0.005	1	mg/kg	08/25/04	LM
TPHGRO	8015	0.10	<0.10	1	mg/kg	08/25/04	LM
TPHDRO	8015	10	<10	1	mg/kg	08/25/04	LM

John Green, Laboratory Manager

Green Analytical Laboratories, Inc.
75 Suttle Street
Durango, CO 81303

GAL I.D.: **406-141-24**

Resource Development Technology LLC
PO Box 1020
Morrison, CO 80465
Attention: Bob Schwering

Date Received: 06/29/04
Date Reported: 07/12/04
QC Batches:

PROJECT NAME: RDT Pits
PROJECT NUMBER:
SAMPLE I.D.: CLU 314 Pile

Sample Date: 06/28/04
Sample Matrix: Soil

Petroleum Hydrocarbons

RESULTS

PARAMETER	METHOD	REPORT LIMIT	RESULT	DIL	UNITS	DATE ANALYZED	ANALYST
Benzene	8021	0.005	<0.005	1	mg/kg	07/07/04	LM
Ethylbenzene	8021	0.005	<0.005	1	mg/kg	07/07/04	LM
Toluene	8021	0.005	<0.005	1	mg/kg	07/07/04	LM
Xylene, total	8021	0.005	<0.005	1	mg/kg	07/07/04	LM
TPHGRO	8015	0.1	<0.1	1	mg/kg	07/07/04	LM
TPHDRO	8015	10	20.7	1	mg/kg	07/11/04	LM
Total TPH	8015/8021		20.7	1	mg/kg	07/11/04	LM

John Green, Laboratory Manager

Green Analytical Laboratories, Inc.
75 Suttle Street
Durango, CO 81303

GAL I.D.: **410-106-01**

Resource Development Technology
PO Box 1020
Morrison, CO 80465
Attention: Bob Schwering

Date Received: 10/26/04
Date Reported: 11/03/04
QC Batches:

PROJECT NAME: RDT Pits
PROJECT NUMBER: CLU 314: RAS001
SAMPLE I.D.: Pit 1 & 2 : Pile Re-sample

Sample Date: 10/25/04
Sample Matrix: Soil

Petroleum Hydrocarbons

RESULTS

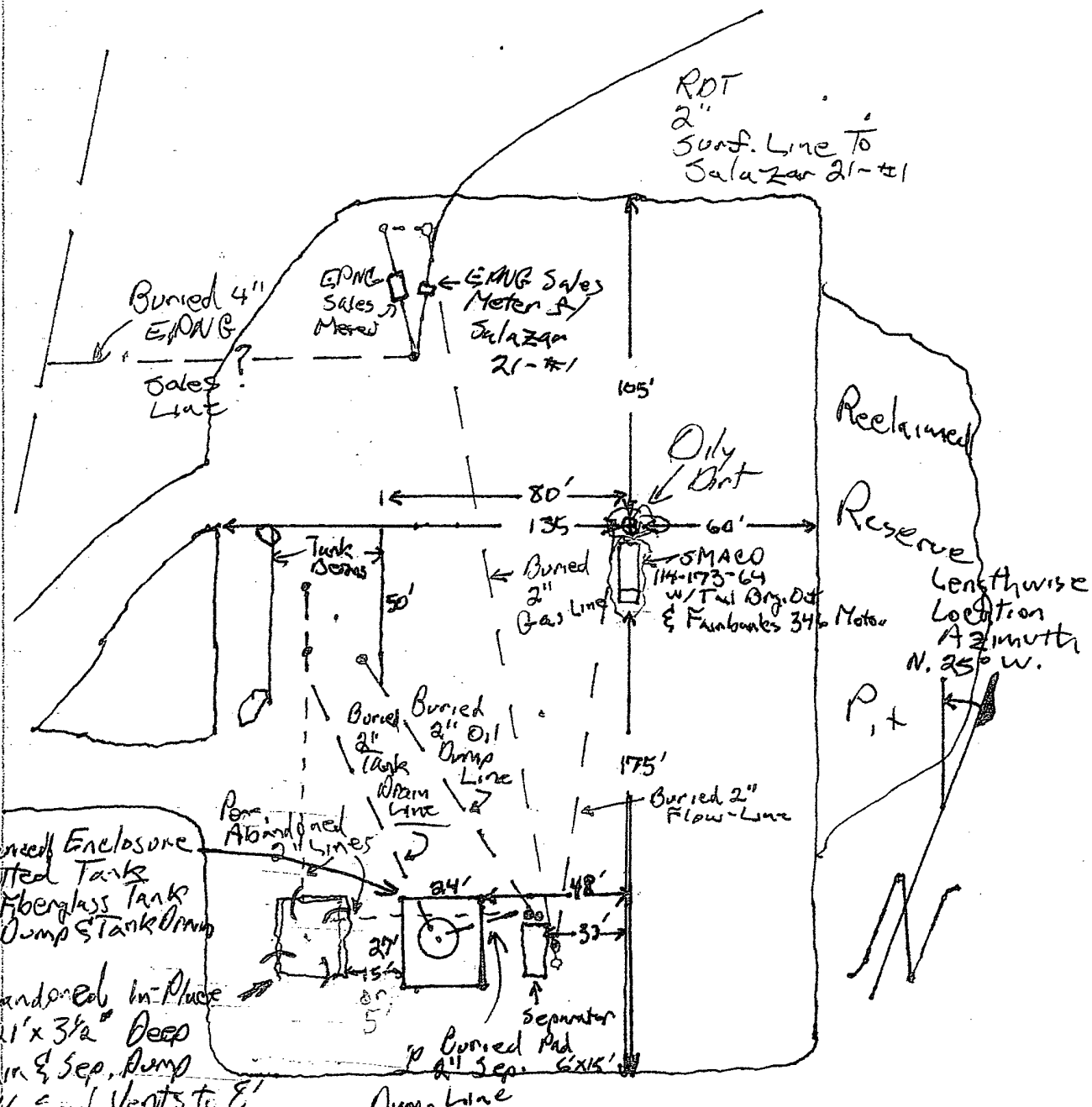
PARAMETER	METHOD	REPORT LIMIT	RESULT	DIL	UNITS	DATE ANALYZED	ANALYST
Benzene	8021	5.0	<5.0	1	µg/kg	11/03/04	LM
Ethylbenzene	8021	5.0	<5.0	1	µg/kg	11/03/04	LM
Toluene	8021	5.0	<5.0	1	µg/kg	11/03/04	LM
Xylene, total	8021	5.0	<5.0	1	µg/kg	11/03/04	LM
TPHGRO	8015	100	<100	1	µg/kg	11/03/04	LM
TPHDRO	8015	10	14.7	1	mg/kg	11/02/04	LM

FOR: *John Green, Laboratory Manager*

NMOCD

WELL API # Location	Comments Mitigation Methodology NMOCD Comments	Date Of Sample	Location	Depth or Lateral	Benzene PPM	BTEX PPM	TPH GRO PPM	TPH DRO PPM	TPH DRO+GRO PPM	Allowable TPH MAX	Page 1 Risk Mitigation
CLU Fed. #314	ORDER Pit 1 CLOSED w/ Excavated Fill: 11/3/2004.	6/28/2004	Pit 1 Bottom	13'	ND	ND	ND	ND	ND	100.00	Excavated
API: 30-039-22903	Pit 1 was re-excavation of orig. pit.	6/28/2004	Pit 1 Sides	@11-12'	ND	ND	ND	ND	ND	100.00	Until Clean
1650' FSL & 1850' FEL	Pit 1: Final Pit: 25' x 24' x 13'.										
Unit 'J' of Section 21	Pit 1 EXCAVATION COMPLETE & CLOSED.										
T25N - R6W	ORDER Pit 2 CLOSED w/ Excavated Fill: 11/3/2004.	6/28/2004	Pit 2 Bottom	6.5'	ND	ND	ND	34.90	34.90	100.00	Excavated
Rio Arriba Co., NM	Pit 2 was excavation of pit w/ f-glass tank.	6/28/2004	Pit 2 Sides	@ 4-5'	ND	ND	ND	474.00	474.00	100.00	Until Clean
	Excavate additional width due to staining.	8/24/2004	Pit 2 Sides	@ 4-5'	ND	ND	ND	ND	ND	100.00	
	Re-Test Pit 2 @ Final Width.										
	Pit 2: Final Pit: 24' x 20' x 7'.										
	Pit 2 EXCAVATION COMPLETE & CLOSED.	6/28/2004	Pile f/ Pit 1 + Pit 2		ND	ND	ND	20.70	20.70	100.00	Land Farmed
	Order re-test of Flattened Pile per D. Faust: Still OK.	10/25/2004	Final Test: Pile f/ Pit 1 + Pit 2		ND	ND	ND	14.70	14.70	100.00	Until Met
											Standards
	REMEDIATION COMPLETE	PIT WORK: Pit 1 excavated until clean. Pit 1 Back-Filled w/ Fertilized Dirt f/ Excavations.									
	Fertilize EACH Pit Bottom w/ 50#.	PIT WORK: Pit 2 excavated until Below Limit. Pit 2 Back-Filled w/ Fertilized Dirt f/ Excavations.									
	Fertilize Each Pit Pile w/ 150#.	Land Farm: NONE: Used dirt in back-filling pits.									

C.L.U. # 314 | Original Site Schematic | FIGURE 4



Abandoned In-Place
21'x21'x3½' Deep
Tank-Drain & Sep. Dump
Pit w/ Soil Vents to E'
& Fertilizer

1. Excavate & Test Fib. Tank Enclosure
   Empty First.
   Repair Netting on Tank if Re-Set
2. Land-Farm oily dirt on location.
3. NO SIGN

Center of Old Earthen Pit
165' South & 50' West of Well

Center of Current Prod Tank Pit
146' South & 3' West of Well

Center of Old Tank Battery
69' South & 73' West of Well

NOTE: Casing Has Blow on 2" Nipple 2"x½" BPW/ ½" NV
Tubing Has Low Press on Pump Tee w/ 0.1
Tubing Hd. is leaking @ 2" on ??-Side
??