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

Original To NMOCD

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: **Glenmorangie Com. #1** **API #: 30-039-22893** **U/L or Qtr/Qtr: 790' FSL & 990' FWL, Unit 'M' of Sec. 9 T23N R6W**
County: Rio Arriba Latitude _____ Longitude _____ NAD: 1927 ☐ 1983 ☐
Surface Owner: Federal ☐ State ☐ Private ☒ Indian ☐

RCVD FEB20'07
OIL CONS. DIV.
DIST. 3

Pit	**Below-grade tank**		
Type: Drilling ☐ Production ☒ Disposal ☐ Workover ☐ Emergency ☐ Lined ☐ Unlined ☒ Liner type: Synthetic ☐ Thickness _____mil Clay ☐ Pit Volume 315 Bbl	Volume: 40 Bbl Type of fluid: Produced Fluids Construction material: Fiberglass Tank Double-walled, with leak detection? Yes ☐ If not, explain why not. NO: The Fiberglass Tank was Improperly-Installed Below-Grade & was Removed.		
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: One unlined production pit was remediated by excavating contaminated soil and mixing with an existing land-farm & land-farming the soil on-site in 2 separate land-farms. The pit was the original production pit east of the separator. The pit had an improperly installed 40-bbl fiberglass tank in it, which was removed. Approximately 1,068 cubic yards of soil were excavated from this pit. Initial pit samples were taken on 7/7/2004 from the pit sides & bottom, the excavated pit pile, and the existing land-farm and sent to the laboratory for TPH and BTEX analysis. The pit was deepened & widened & re-sampled on 8/24/2004. The pit was again deepened & widened & re-sampled on 9/28/2004 @ which time the excavation met Site Remediation TPH & BTEX Standards. The old land-farm was fertilized & mixed with the pit pile & became the Large Land Farm prior to 8/24/2004. The Small Land-Farm was created in the final pit excavation work in Sept. 2004. The pit bottom was fertilized & filled with clean fill out of a stock pond built NW of location with concurrence of the BLM. The final land-farm samples were taken on 11/10/2004 at the Small Land Farm & on *5/06/2005 at the Large Land Farm. The site diagram and sample results are attached. All FINAL sample results are less than the 100 ppm TPH & BTEX 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: 2/13/2007
Printed Name/Title **Robert A. Schwering, PE., CES; Operations Manager** Signature R. A. Schwering

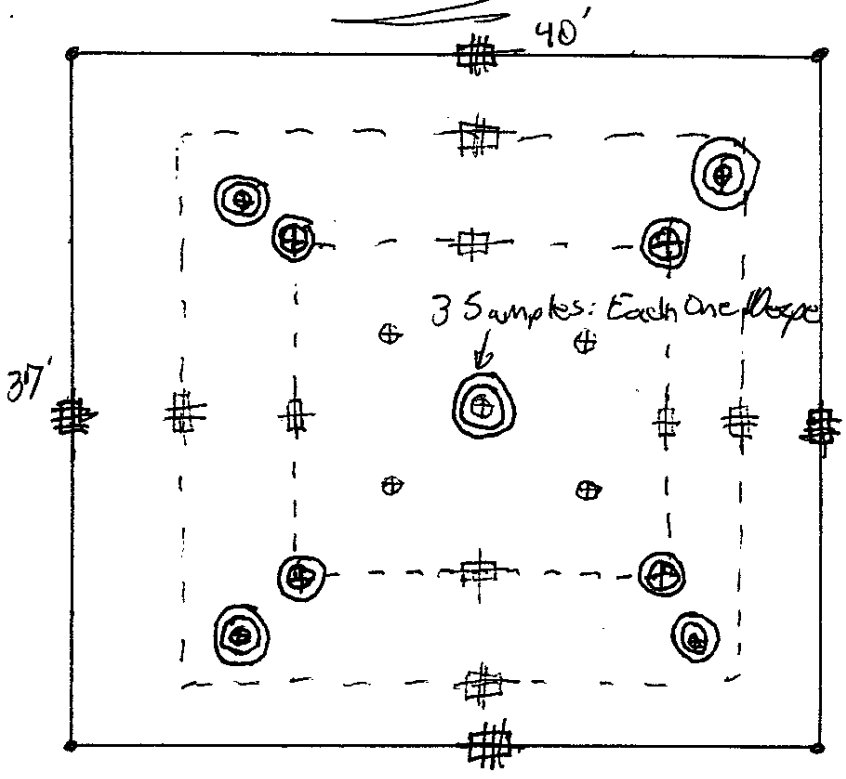
Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with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

Approval:
Printed Name/Title DEPUTY OIL & GAS INSPECTOR, DIST. #3 Signature Brandon Powell Date: FEB 20 2007

WELL API # Location	Comments Mitigation Methodology NMOCD Comments	Pit #	Date Of Sample	Location	Depth or Lateral	Benzene PPM	BTEX PPM	TPH GRO PPM	TPH DRO PPM	TPH DRO+GRO PPM	Allowable TPH MAX
Date: 07-08-2005											
Glenmorangie Com. #1	*ORDER CLOSED w/ Clean Fill: 10/7/2004.*	*12*	*7/7/2004*	*Pit Bottom*	*12'*	*ND*	*0.18*	*43.30*	*1300.00*	*1343.48*	*100.00*
API: 30-039-22893	Old Separator Drip Pit: Never Closed Properly.		7/7/2004	Pit Sides	@ 10-11'	ND	ND	ND	11.50	11.50	100.00
790' FSL & 990' FWL	Final Pit: 40' x 37' x 17'.		8/24/2004	Pit Bottom	15'	ND	ND	ND	733.00	733.00	100.00
Unit 'M' of Section 9	EXCAVATION COMPLETE & CLOSED.		8/24/2004	Pit Sides	@ 13-14'	ND	ND	ND	304.00	304.00	100.00
T23N- R6W			*9/28/2004*	*Pit Bottom*	*17'*	*ND*	*ND*	*ND*	*ND*	*ND*	*100.00*
Rio Arriba Co., NM			9/28/2004	Pit Sides	@ 15-16'	ND	ND	ND	ND	ND	100.00
	Mixed Excavated Material w/ Land-Farm		7/7/2004	Initial Pit Pile		ND	0.46	129.00	3390.00	3519.46	100.00
	Start New Land Farm		7/7/2004	Old Land Farm		ND	ND	49.40	15000.00	15049.40	100.00
	SMALL LAND FARM REMEDIATION COMPLETE		*11/10/2004*	*Final Test: Small Land Farm*		*ND*	*ND*	*ND*	*41.60*	*41.60*	*100.00*
	Plan to Use Small Land Farm for Battery Berms.		11/10/2004	Large Land Farm		ND	ND	ND	900.00	900.00	100.00
	SITE REMEDIATION COMPLETE		5/6/2005	Final Test: Large Land Farm		ND	ND	ND	95.00	95.00	100.00
	Fertilize Pit Bottom w/ 100#.		PIT WORK: Excavate Until Clean @ 17' Depth. Back-Filled w/ Hi-N2 Fertilizer & Clean Fill f/ BLM approved Pond.								
	Fertilize Large Land Farm w/ 200#.		Land Farms: Mixed all oily dirt on location & excavated separator pit & mixed with old land farm in 2 Land Farms.								
	Fertilize Small Land Farm w/ 100#.		Small Land Farm below TPH/BTEX Limit on 1st Test. Large Land Farm below TPH/BTEX Limit on 2nd Test.								
			Used Land Farms AFTER REMEDIATED as fill off-site (for TPH < 100 PPM Application) after Oil Spill @								
			Theodore Zink Fed. Com. #1 witk BLM & NMOCD Verbal Approval to fill off-site excavations.								

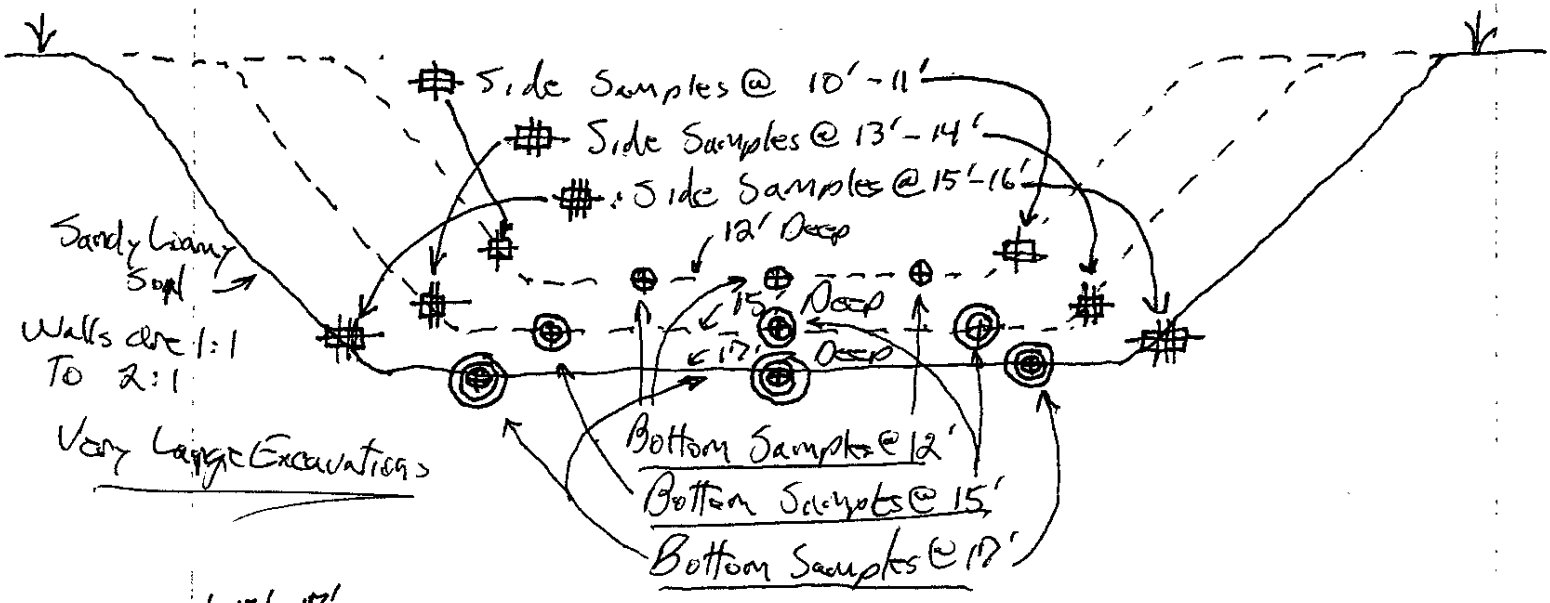
Glenmorangie Com #1 Figure 1 Earthen Pit Excavation

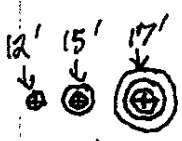
PLAN VIEW:



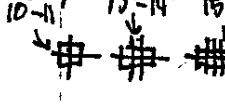
Scale:
1" = 10'

SECTION VIEW:





: Approx. Sampling Points: Bottom Composite Samples: 5 Spots



: Approx. Sampling Points: Side Composite Samples: 4 Spots

Figure 2: Location Schematic: Remediation

Glenmorangie Com #1

API #: 30-039-22893

Longitudinal Location Azimuth N. 75°W

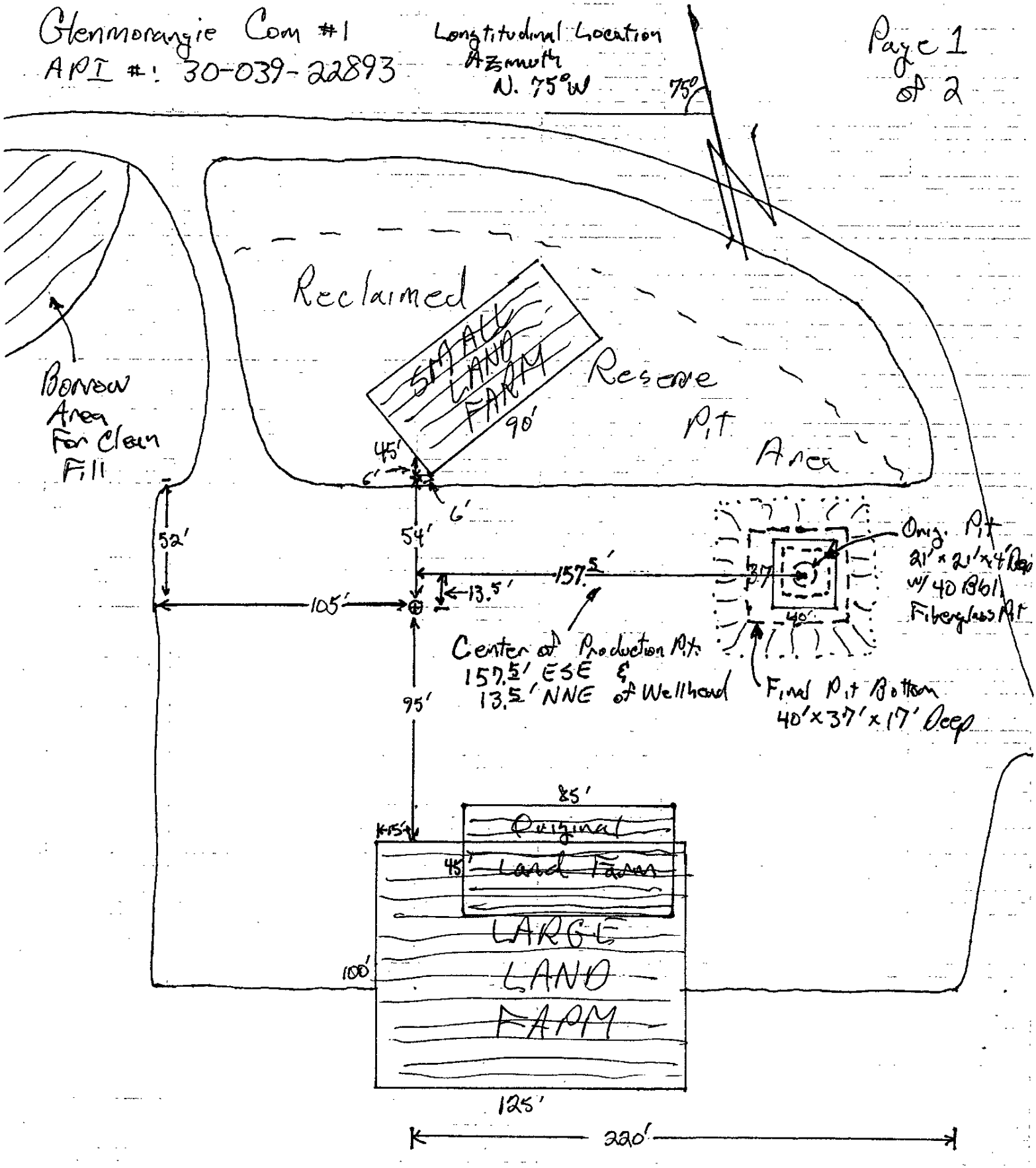


Figure 2: Location Schematic: Remediation:
Glenmorangie Com. #1
API #: 30-039-22893

Remediate Site As Follows:

1. Remove Improperly-Installed Below-Grade Fiberglass Tank.
2. Excavate Pit & Sides to 25' x 25' x 12' Deep: Sampled 7/7/2004
   to 35' x 30' x 15' Deep: Sampled 8/24/2004
   to 40' x 37' x 17' Deep: Sampled 9/28/2004
   At which Depth there remained No Visible Staining & No Noticeable Odor. Final Sample of Pit Bottom & Sides OK.
3. Spread 100# Hi-N_2 Fertilizer in Pit Bottom & Back-Fill Pit w/ Clean Fill from Borrow Area NW of Location approved by BLM.
4. Sampled Initial Pit Pile on 7/7/2004 & mixed with Original Land Farm + Second Pit Excavation Effort to Form Large Land Farm (100' x 125' x 18" Deep in 3 Lifts) Re-tested on 11/10/2004. Failed. Fertilized w/ 200# of Hi-N_2 Fertilizer. Final Test OK on 5/6/2005.
5. Sampled Small Land Farm after built from Final Excavation Effort. Fertilized w/ 100# High N_2 Fertilizer. First & Final Test OK on 11/10/2004.

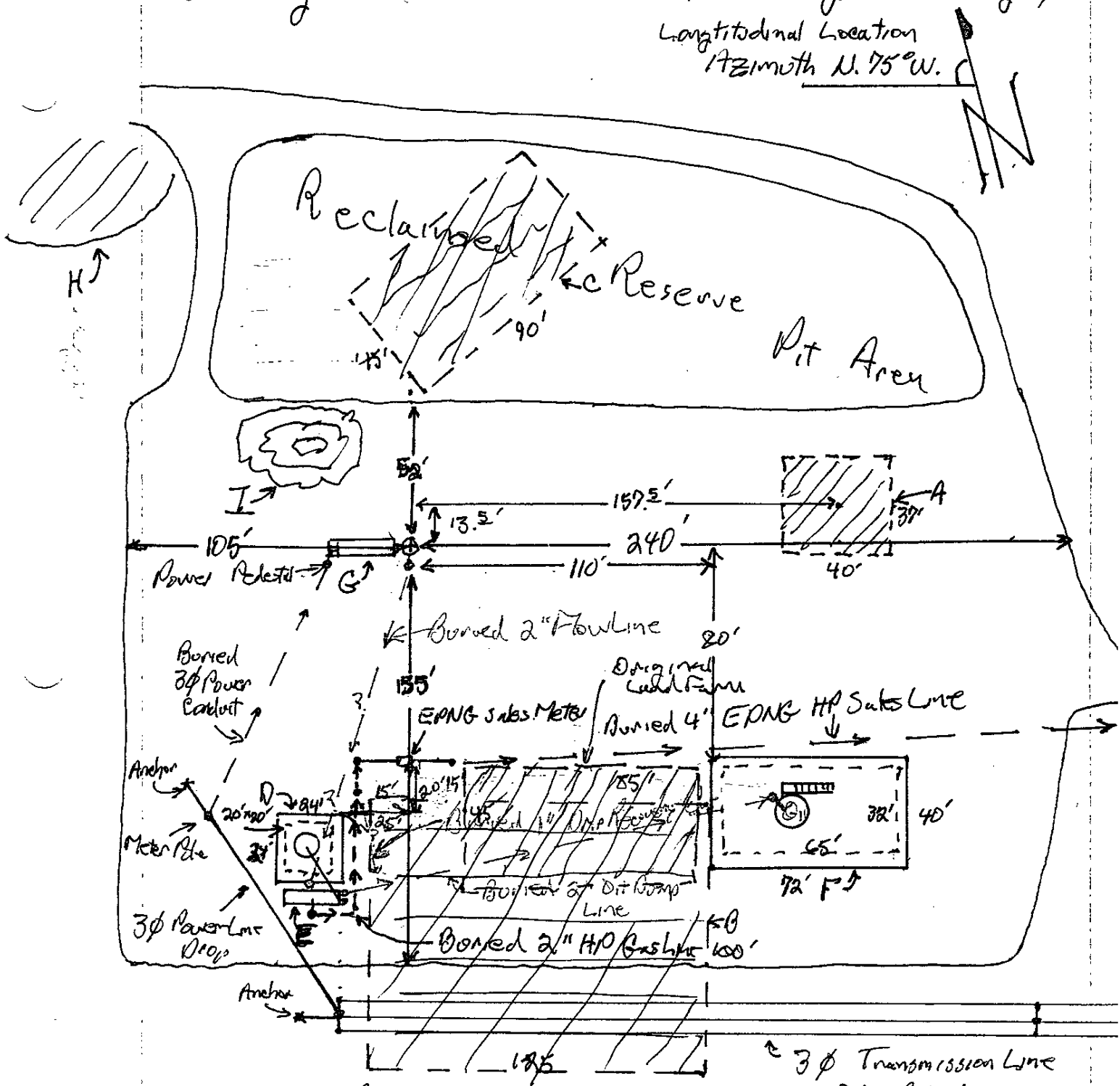
Land Farm Material Used to Fill Excavation @ Theodore Zink Fed Com. #1 Off-Site Excavation:

1. Mixed 200# Additional High-N_2 Fertilizer in Large Land Farm.
2. Mixed 100# Additional High-N_2 Fertilizer in Small Land Farm.

Used Left-Over Material & Berms on Glenmorangie Com #1 Location.

2/12/2007

Hermosangie Com #1 Current Site Schematic Figure 3 : Page 1/2



A: 40'x37'x17' Deep Excavated Until No Stain Visible or Odor Detectable. Back-Filled w/ Clean Fill from Borrow Area 'H' after 100# Hi-N2 Fertilizer placed on Bottom. Borrow Area 'H' was approved by BLM.

B: Large Land Farm (100'x125'x18" Deep). Tilled & Fertilized until met Site Remediation Standards w/ Approx. 200# Hi-N2 Fertilizer. Subsequently mixed in additional 200# Hi-N2 Fertilizer & used non-stained material to fill off-site excavation for Oil Spill @ Theodore Zink Fed. Com. #1 w/ BLM Approval.

Cont. on Page 2

Glenmangie Com. #1 Current Site Schematic Figure 3 : Page 2/2

C: Small Land Farm (45'x90'x18" Deep). Tilled & Fertilized w/ 100# Hi-N_2 Fertilizer until met Site Remediation Standards. Subsequently mixed an additional 100# Hi-N_2 Fertilizer & used non-stained material to fill off-site excavation for Oil Spill @ Theodore Zink Fed. Com. #1 w/ BLM Approval.

D: Fenced (27'x27') & Bermed (20'x20'x 2' Berm) Enclosure f/ 45 Bbl. Steel Above-Ground Storage Tank f/ Produced Water.

E: Ohlman-Heath 3P-L20-150 3Ø 10'x 36" 250# WP Separator w/ 250 BTU Heater: Serial # 32836.

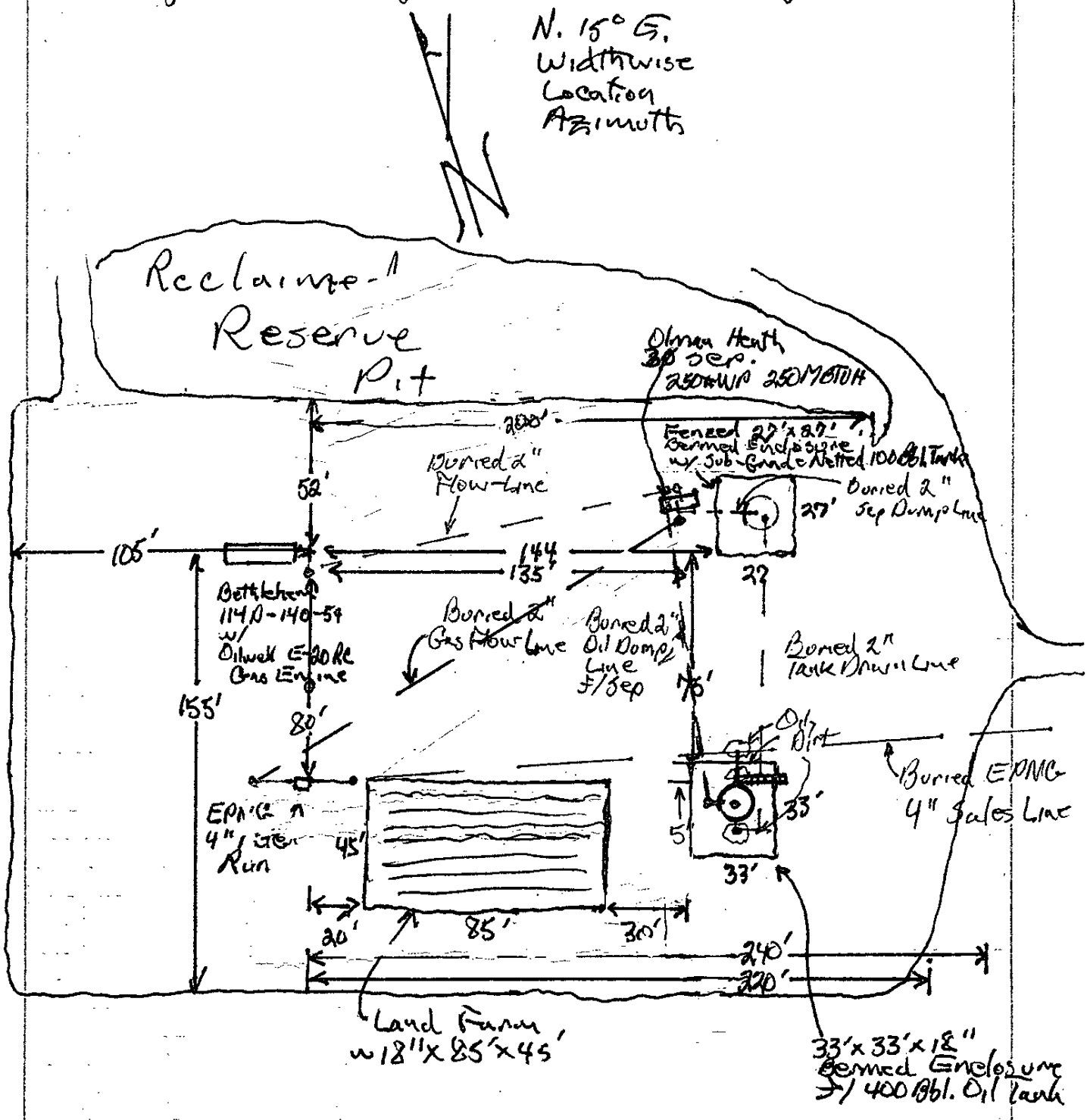
F: Fenced (40'x72') & Bermed (32'x65'x2' Berm) Enclosure f/ 400 Bbl. Steel Above-Ground Storage Tank f/ Produced Oil.

G: Bethlehem 114D-140-54 Pumping Unit w/ Baldor 20 Hp. Electric Motor.

H: Borrow Area used to build stock pond approved by BLM. Clean Fill used to fill Production Pit Excavation.

I: Soil Stockpile: Left-Over Soil f/ Battery Construction & Filling off-site excavation @ Theodore Zink Fed. Com. #1. To be used f/ Site Berm Construction.

Glenmorangie Fed. #1 | Original Site Schematic | Figure 4



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

GAL I.D.: **407-029-14**
Date Received: 07/08/04
Date Reported: 07/13/04
QC Batches:

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

PROJECT NAME: RTD Pits
PROJECT NUMBER:
SAMPLE I.D.: GLEN 1 Pit Bott @ 12' : Fails.

Sample Date: 07/07/04
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	07/13/04	LM
Ethylbenzene	8021	0.005	<0.005	1	mg/kg	07/13/04	LM
Toluene	8021	0.005	<0.005	1	mg/kg	07/13/04	LM
Xylene, total	8021	0.005	0.176	1	mg/kg	07/13/04	LM
TPHGRO	8015	0.1	43.3	1	mg/kg	07/13/04	LM
TPHDRO	8015	10	1300	1	mg/kg	07/11/04	LM
Total TPH	8015/8021	10	~~1340~~	1	mg/kg	07/11/04	LM

Total TPH = 1343.476 Rnd

TPH @ 1343 PPM > 100 PPM: Fails.
BTEX @ 176 PPB > 50 PPB: Fails.

John Green, Laboratory Manager

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

GAL I.D.: 407-029-15
Date Received: 07/08/04
Date Reported: 07/15/04
QC Batches:

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

PROJECT NAME: RTD Pits
PROJECT NUMBER:
SAMPLE I.D.: GLEN 1 Pit Sides @ 10'-11' : Ok
Stain Visible: Order Widened Toward Separator

Sample Date: 07/07/04
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	07/15/04	LM
Ethylbenzene	8021	0.005	<0.005	1	mg/kg	07/15/04	LM
Toluene	8021	0.005	<0.005	1	mg/kg	07/15/04	LM
Xylene, total	8021	0.005	<0.005	1	mg/kg	07/15/04	LM
TPHGRO	8015	0.1	<0.1	1	mg/kg	07/15/04	LM
TPHDRO	8015	10	11.5	1	mg/kg	07/14/04	LM
Total TPH	8015/8021	10	11.5	1	mg/kg	07/14/04	LM

TPH @ 11.5 PPM < 100 PPM : Pass.
BTEX @ N.D. OK.

John Green, Laboratory Manager

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

GAL I.D.: 407-029-16
Date Received: 07/08/04
Date Reported: 07/15/04
QC Batches:

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

PROJECT NAME: RTD Pits
PROJECT NUMBER:
SAMPLE I.D.: GLEN 1 Pile : Excavation @ 12'. Mix w/ Old Land Farm. Fails.

Sample Date: 07/07/04
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	07/15/04	LM
Ethylbenzene	8021	0.005	0.179	1	mg/kg	07/15/04	LM
Toluene	8021	0.005	0.075	1	mg/kg	07/15/04	LM
Xylene, total	8021	0.005	0.202	1	mg/kg	07/15/04	LM
TPHGRO	8015	0.1	129	1	mg/kg	07/15/04	LM
TPHDRO	8015	10	3390	1	mg/kg	07/14/04	LM
Total TPH	8015/8021	10	~~3520~~	1	mg/kg	07/14/04	LM

Total TPH = 3519.454 Red

Standard

TPH @ 3,519 PPM > 100 PPM: Fails
BTEX @ 456 PPB > 50 PPB: Fails.

John Green, Laboratory Manager

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

GAL I.D.: 407-029-17
Date Received: 07/08/04
Date Reported: 07/15/04
QC Batches:

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

PROJECT NAME: RTD Pits
PROJECT NUMBER:
SAMPLE I.D.: GLEN 1 Land

Sample Date: 07/07/04
Sample Matrix: Soil

Old Land Farm: Fails.

Petroleum Hydrocarbons

RESULTS

PARAMETER	METHOD	REPORT LIMIT	RESULT	DIL	UNITS	DATE ANALYZED	ANALYST
Benzene	8021	0.005	<0.005	1	mg/kg	07/15/04	LM
Ethylbenzene	8021	0.005	<0.005	1	mg/kg	07/15/04	LM
Toluene	8021	0.005	<0.005	1	mg/kg	07/15/04	LM
Xylene, total	8021	0.005	<0.005	1	mg/kg	07/15/04	LM
TPHGRO	8015	0.1	49.4	1	mg/kg	07/15/04	LM
TPHDRO	8015	10	15000	1	mg/kg	07/14/04	LM
Total TPH	8015/8021	10	~~15000~~	1	mg/kg	07/14/04	LM

Total TPH = 15,049.4

TPH @ 15,049 PPM > 100 PPM Standard: Fails.
BTEX @ N.D. : OK.

John Green, Laboratory Manager

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

GAL I.D.: **408-119-05**
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.: GLEN 1 Pit Bottom @ 15': Fails.

Sample Date: 08/24/04
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	08/25/04	LM
Ethylbenzene	8021	5.0	<5.0	1	µg/kg	08/25/04	LM
Toluene	8021	5.0	<5.0	1	µg/kg	08/25/04	LM
Xylene, total	8021	5.0	<5.0	1	µg/kg	08/25/04	LM
TPHGRO	8015	100	<100	1	µg/kg	08/25/04	LM
TPHDRO	8015	10	733	5	mg/kg	08/25/04	LM

TPH @ 733 PPM > 100 PPM Standard: Fails.
BTEX @ N.D.: Ok.

For: John Green, Laboratory Manager

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

GAL I.D.: **408-119-01**
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.: GLEN 1 Pit Sides : @ 13'-14': Fails

Sample Date: 08/24/04
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	08/25/04	LM
Ethylbenzene	8021	5.0	<5.0	1	µg/kg	08/25/04	LM
Toluene	8021	5.0	<5.0	1	µg/kg	08/25/04	LM
Xylene, total	8021	5.0	<5.0	1	µg/kg	08/25/04	LM
TPHGRO	8015	100	<100	1	µg/kg	08/25/04	LM
TPHDRO	8015	10	304	1	mg/kg	08/25/04	LM

TPH @ 304 PPM > 100 PPM Standard: Fails.
BTEX @ N.D. : OK.

John Geeck, Laboratory Manager

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

GAL I.D.: **409-146-02**
Date Received: 09/28/04
Date Reported: 09/30/04
QC Batches:

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

PROJECT NAME: RDT Pits
PROJECT NUMBER:
SAMPLE I.D.: GLEN 1 Pit Bottom : @ 17': Pass.

Sample Date: 09/28/04
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	09/30/04	LM
Ethylbenzene	8021	5.0	<5.0	1	µg/kg	09/30/04	LM
Toluene	8021	5.0	<5.0	1	µg/kg	09/30/04	LM
Xylene, total	8021	5.0	<5.0	1	µg/kg	09/30/04	LM
TPHGRO	8015	100	<100	1	µg/kg	09/30/04	LM
TPHDRO	8015	10	<10	1	mg/kg	09/30/04	LM

TPH @ N.D. < 100 PPM Standard : OK.
BTEX @ N.D. : OK.

For: John Green, Laboratory Manager

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

GAL I.D.: 409-146-03
Date Received: 09/28/04
Date Reported: 09/30/04
QC Batches:

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

PROJECT NAME: RDT Pits
PROJECT NUMBER:
SAMPLE I.D.: GLEN 1 Pit Sides: @ 15'-16': Pass.

Sample Date: 09/28/04
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	09/30/04	LM
Ethylbenzene	8021	5.0	<5.0	1	µg/kg	09/30/04	LM
Toluene	8021	5.0	<5.0	1	µg/kg	09/30/04	LM
Xylene, total	8021	5.0	<5.0	1	µg/kg	09/30/04	LM
TPHGRO	8015	100	<100	1	µg/kg	09/30/04	LM
TPHDRO	8015	10	<10	1	mg/kg	09/30/04	LM

TPH @ N.D. < 100 PPM Standard: OK.
BTEX @ N.D.: OK.

for: John Green, Laboratory Manager

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

GAL I.D.: **411-061-16**

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

Date Received: 11/11/04
Date Reported: 11/22/04
QC Batches:

PROJECT NAME: RDT Pits
PROJECT NUMBER: RAS 0020
SAMPLE I.D.: Glenmorangie #1 Small Land Farm : Pass

Sample Date: 11/10/04
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	11/15/04	LM
Ethylbenzene	8021	5.0	<5.0	1	µg/kg	11/15/04	LM
Toluene	8021	5.0	<5.0	1	µg/kg	11/15/04	LM
Xylene, total	8021	5.0	<5.0	1	µg/kg	11/15/04	LM
TPHGRO	8015	100	<100	1	µg/kg	11/17/04	LM
TPHDRO	8015	10	41.6	1	mg/kg	11/22/04	LM

TPH @ 41.6 PPM < 100 PPM Standard: OK.
BTEX @ N.D. : OK.

FOR: John Green, Laboratory Manager

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

GAL I.D.: **411-061-15**
Date Received: 11/11/04
Date Reported: 11/22/04
QC Batches:

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

PROJECT NAME: RDT Pits
PROJECT NUMBER: RAS 0019
SAMPLE I.D.: Glenmorangie #1 Large Land Farm : Fails

Sample Date: 11/10/04
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	11/15/04	LM
Ethylbenzene	8021	5.0	<5.0	1	µg/kg	11/15/04	LM
Toluene	8021	5.0	<5.0	1	µg/kg	11/15/04	LM
Xylene, total	8021	5.0	<5.0	1	µg/kg	11/15/04	LM
TPHGRO	8015	100	<100	1	µg/kg	11/17/04	LM
TPHDRO	8015	10	900	1	mg/kg	11/22/04	LM

TPH @ 900 PPM > 100 PPM Standard: Fails.
BTEX @ N.D.: OK.

D. Zufelt
FOR: John Green, Laboratory Manager

Sampled on 5/6/2005

Green Analytical	Project: Resource Development	
75 Suttle Street	Project Number: GA05-092	**Reported:**
Durango CO, 81303	Project Manager: Debbie Zufelt	05/16/05 11:22

Glen 1 Land - Large
T500565-06 (Soil)

Find Test: Large Land Farm.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	ND	500	ug/kg	1	5051014	05/10/05	05/13/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*85.6 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	**95**	10	mg/kg	1	5051006	05/10/05	05/11/05	EPA 8015m	D-09
Volatile Organic Compounds by EPA Method 8021B									
Benzene	ND	5.0	ug/kg	1	5051014	05/10/05	05/13/05	EPA 8021B	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
m,p-Xylene	ND	10	"	"	"	"	"	"	
o-Xylene	ND	5.0	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*83.2 %*	*65-135*		"	"	"	"	

Final Test: Large Land-Farm:
TPH @ 95 PPM < 100 PPM Standard: Pass.
BTEX @ N.D.: Pass.

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Dennis Dorning, Project Manager