

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
March 12, 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: Maralex Resources, Inc. Telephone: 970/563-4000 e-mail address: maralex@westernet.net
Address: P.O. Box 338, Ignacio, CO 81137
Facility or well name: Blancett FC #1 API #: 3004531909 U/L or Qtr/Qtr H Sec 24 T 30NR12W
County: San Juan Latitude 36.48N Longitude 108.03W NAD: 1927 ☐ 1983 ☐ Surface Owner Federal ☐ State ☐ Private ☒ Indian ☐

Pit Type: Drilling ☒ Production ☐ Disposal ☐ Workover ☐ Emergency ☐ Lined ☒ Unlined ☐ Liner type: Synthetic ☐ Thickness <u>12</u> mil Clay ☐ Volume _____ bbl	Below-grade tank Volume: _____ bbl Type of fluid: _____ Construction material: _____ Double-walled, with leak detection? Yes ☐ If not, explain why not. _____	
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)
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) ☒
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)
Ranking Score (Total Points)		40

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: onsite ☐ offsite ☒ If offsite, name of facility Enviro Tech. (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.

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: 7/13/04

Printed Name/Title Dennis R. Reimers, Eng. Mngr.

Signature D. R. Reimers

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:

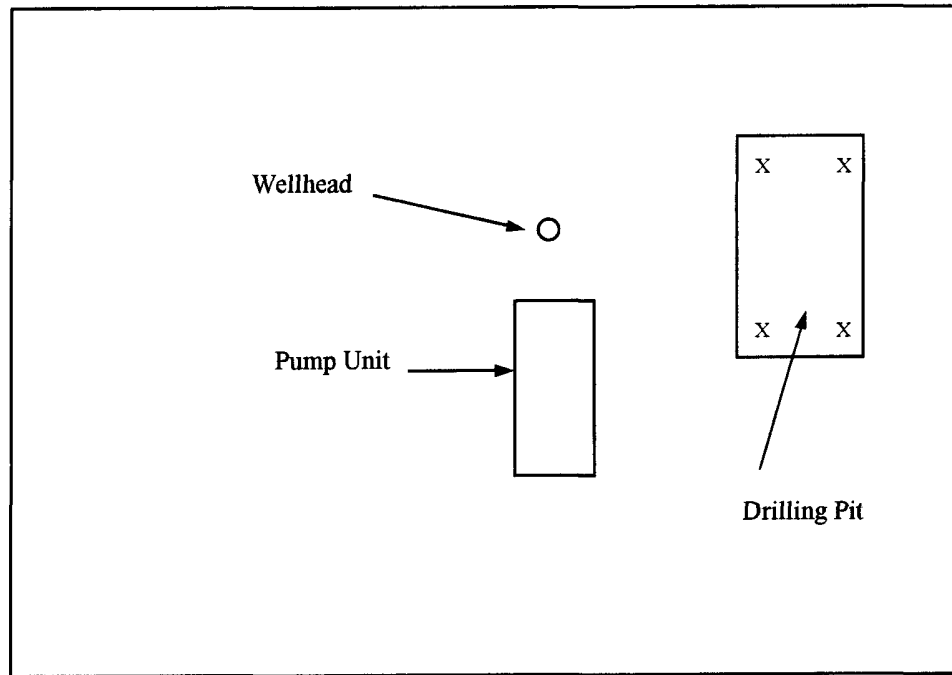
Date: JUL 23 2004

Printed Name/Title Dennis Reimers

Signature Dennis Reimers

DEPUTY OIL & GAS INSPECTOR, DIST. #

Blancett FC #1
Well Location
1815' FNL, 960' FWL
S 24-730N-R11W



X Drilling Pit Sample Locations

CR 3000 (SouthSide River Road)
2.9Miles to Hiway 550 Aztec



**EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons**

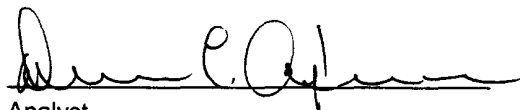
Client:	Maralex Resources	Project #:	02053-001
Sample ID:	Blancett FC #1	Date Reported:	07-08-04
Laboratory Number:	29465	Date Sampled:	07-05-04
Chain of Custody No:	12509	Date Received:	07-06-04
Sample Matrix:	Soil	Date Extracted:	07-07-04
Preservative:	Cool	Date Analyzed:	07-08-04
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

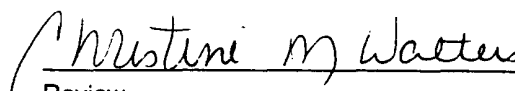
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	2.3	0.2
Diesel Range (C10 - C28)	191	0.1
Total Petroleum Hydrocarbons	193	0.2

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments:


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Maralex Resources	Project #:	02053-001
Sample ID:	Blancett FC #1	Date Reported:	07-08-04
Laboratory Number:	29465	Date Sampled:	07-05-04
Chain of Custody:	12509	Date Received:	07-06-04
Sample Matrix:	Soil	Date Analyzed:	07-08-04
Preservative:	Cool	Date Extracted:	07-07-04
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	13.3	1.8
Toluene	49.7	1.7
Ethylbenzene	36.5	1.5
p,m-Xylene	80.7	2.2
o-Xylene	22.4	1.0
Total BTEX	203	

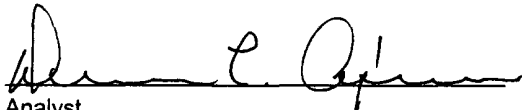
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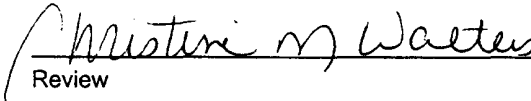
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	100 %
	1,4-difluorobenzene	100 %
	Bromochlorobenzene	100 %

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments:


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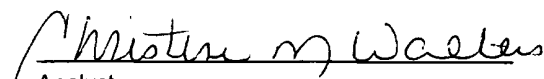
EC, SAR, ESP, CI Analysis

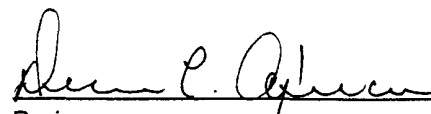
Client:	Maralex Resources	Project #:	02053-001
Sample ID:	Blancett FC #1	Date Reported:	07-08-04
Laboratory Number:	29465	Date Sampled:	07-05-04
Chain of Custody:	12509	Date Received:	07-06-04
Sample Matrix:	Soil	Date Extracted:	07-06-04
Preservative:	Cool	Date Analyzed:	07-07-04
Condition:	Cool & Intact		

Parameter	Analytical Result	Units
Conductivity @ 25° C	14.040	mmhos/cm
Calcium	8.0	mg/Kg
Magnesium	<0.01	mg/Kg
Sodium	2,630	mg/Kg
Sodium Absorption Ratio (SAR)	256	ratio
Exchangeable Sodium Percent (ESP)	78.7	percent
Chloride	5,520	mg/Kg

Reference: U.S.E.P.A., 600/4-79-020, "Methods for Chemical Analysis of Water and Wastes", 1983.

Comments:


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PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS

Client:	Maralex Resources	Project #:	02053-001
Sample ID:	Blancett FC #1	Date Reported:	07-08-04
Laboratory Number:	29465	Date Sampled:	07-05-04
Chain of Custody:	12509	Date Received:	07-06-04
Sample Matrix:	Soil	Date Analyzed:	07-08-04
Preservative:	Cool	Date Digested:	07-06-04
Condition:	Cool & Intact	Analysis Needed:	RCRA Metals

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)	TCLP Regulatory Level (mg/Kg)
Arsenic	0.002	0.001	5.0
Barium	0.244	0.001	100
Cadmium	ND	0.001	1.0
Chromium	ND	0.001	5.0
Lead	0.001	0.001	5.0
Mercury	ND	0.001	0.2
Selenium	ND	0.001	1.0
Silver	ND	0.001	5.0

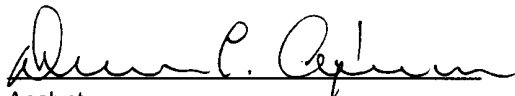
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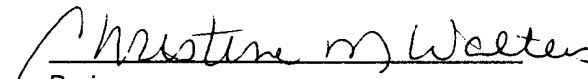
References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils.
SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emission
Spectroscopy, SW-846, USEPA, December 1996.

Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, August 24, 1998.

Comments:


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