<u>District I</u> 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

March 12, 2004 Oil Conservation Division

Tor drilling and production facilities, submit to appropriate NMOCD District Office.

1220 South St. Francis Dr. For downstream facilities, submit to Santa Fe Santa Fe, NM \$7505

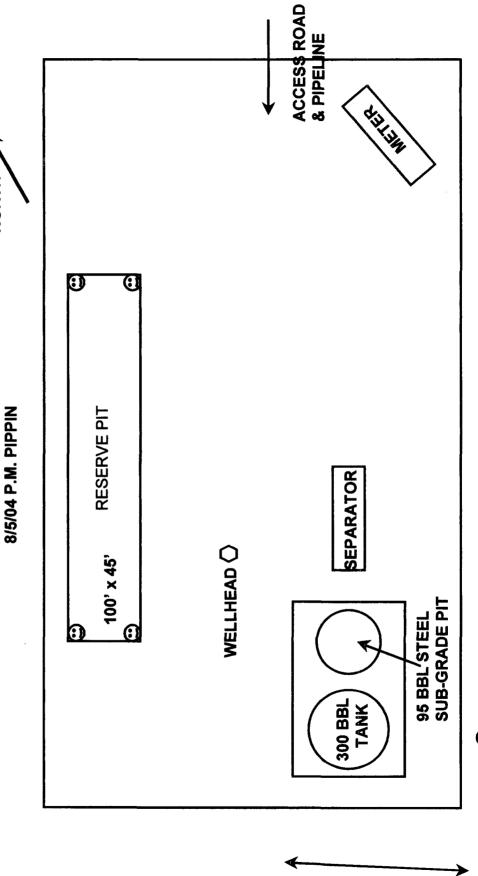
Form C-144

Pit or Below-Grade Tank Registration	or Closure
Is pit or below-grade tank covered by a "general plan"	Yes X No 🗆

Address: <u>c/o Agent – Mike Pippin LLC, 3104 N. Sullivan,</u>			<del></del>
facility or well name: <u>GRAHAM 3 #8</u>			
County: San Juan Latitude 36.60564 N I	ongitude 107.6	6094 W NAD: 1927 ☐ 1983 ☐ Surface Owner	r Federal ☑State ☐ Private ☐ Indian ☐
Pit .		Below-grade tank	
Fype: Drilling Production Disposal D		Volume:bbl Type of fluid:	
Workover ☐ Emergency ☐		Construction material:	
ined Unlined		Double-walled, with leak detection? Yes If no	
iner type: Synthetic Thickness 12 mil Clay V	olume		
1.428_bbl			
Depth to ground water (vertical distance from bottom of pit t	a concornal high	Less than 50 feet	(20 points)
water elevation of ground water.)	o scasouar ingu	50 feet or more, but less than 100 feet X	(10 points)
vater devauon of ground water.		100 feet or more	( 0 points) X
Wellhead protection area: (Less than 200 feet from a private	domestic	Yes X	(20 points)
water source, or less than 1000 feet from all other water sour		No	( 0 points) X
		Less than 200 feet	(20 points)
Distance to surface water: (horizontal distance to all wetlands, playas,		200 feet or more, but less than 1000 feet X	(10 points)
rrigation canals, ditches, and perennial and ephemeral water	courses.)	1000 feet or more	( 0 points) X
		Ranking Score (Total Points)	0
If this is a pit closure: (1) attach a diagram of the facility	showing the pit's i	relationship to other equipment and tanks. (2) Indicate	e disposal location:
onsite offsite I If offsite, name of facility		(3) Attach a general description of remedial action	on taken including remediation start date and
end date. (4) Groundwater encountered: No $\boxtimes$ Yes $\square$ If	yes, show depth b	elow ground surfaceft. and attach sar	mple results. (5) Attach soil sample results and
a diagram of sample locations and excavations.			
hereby certify that the information above is true and complete constructed or closed according to NMOCI Date: 8/5/04	ete to the best of m guidelines 2, a	y knowledge and belief. I further certify that the al general permit □, or an (Attached) alternative O	bove-described pit or below-grade tank has CD-approved plan □.
Printed Name/Title <u>Mike Pippin - Agent - Petroleum En</u>	gineer Signatu	re Welle Teppin	
Your certification and NMOCD approval of this application, otherwise endanger public health or the environment. Nor degulations.	closure does not re bes it relieve the op	elieve the operator of liability should the contents of the perator of its responsibility for compliance with any of	ne pit or tank contaminate ground water or her federal, state, or local laws and/or
Approval: AUG - 6 2004  Printed Name/Title 1	vent	DEPUTY OIL & GAS INSPECTOR	R. DIST. 💋

M&G DRILLING GRAHAM 3 #8 MV/DK H SEC. 3 T27N R8W SAN JUAN COUNTY, NM

NORTH



© SAMPLE LOCATIONS

THƏIS HƏRA

### M & G DRILLING COMPANY c/o Mike Pippin LLC 3104 N. Sullivan Farmington, NM 87401 (505) 327-4573

#### 8/5/04

# GENERAL DESCRIPTION OF DRILL PIT CLOSING Graham 3 #8 MV H 3 27 8

- 1. Take samples of mud/cuttings from the 4 corners of pit. 6/8/04
- 2. Obtain chemical analysis of pit cuttings. 6/15/04
- 3. Remove the fencing around the drilling pit.
- 4, Cut liner off at mud level and haul off to disposal facility.
- 5. Using track-hoe, mix mud in pit with dry soil & lightly cover pit with soil.
- 6. Re-fence pit & let set for 2 to 3 days.
- 7. Remove the fencing around the drilling pit.
- 8. Using track-hoe, mix any soft spots & cover pit with dry soil.
- 9. Lay back slopes & all disturbed areas.
- 10. Disc area & re-seed with BLM mix.
- 11. Complete on 7/29/04.



#### TRACE METAL ANALYSIS

Client:	M & G Drilling	Project #:	04033-001
Sample ID:	Graham 3 #8	Date Reported:	06-10-04
Laboratory Number:	28989	Date Sampled:	06-08-04
Chain of Custody:	12262	Date Received:	06-09-04
Sample Matrix:	Soil	Date Analyzed:	06-10-04
Preservative:	Cool	Date Digested:	06-09-04
Condition:	Cool & Intact	Analysis Needed:	RCRA Metals

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)	TCLP Regulatory Level (mg/Kg)
Arsenic	0.019	0.004	5:0
Barium	0.689	0.001 0.001	5.0 100
Cadmium	0.001	0.001	1.0
Chromium	0.001	0.001	5.0
Lead	0.001	0.001	5.0
Mercury	ND	0.001	0.2
Selenium	0.011	0.001	1.0
Silver	ND	0.001	5.0

ND - Parameter not detected at the stated detection limit.

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 Emmision

Spectroscopy, SW-846, USEPA, December 1996.

Note:

Regulatory Limits based on 40 CFR part 261 subpart C

section 261.24, August 24, 1998.

Comments:

Reserve Pits.

Analyst

Treview



## EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	M & G Drilling	Project #:	04033-001
Sample ID:	Graham 3 #8	Date Reported:	06-10-04
Laboratory Number:	28989	Date Sampled:	06-08-04
Chain of Custody:	12262	Date Received:	06-09-04
Sample Matrix:	Soil	Date Analyzed:	06-09-04
Preservative:	Cool	Date Extracted:	06-09-04
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
	, , ,	(*3***0)
Benzene	26.4	1.8
Toluene	135	1.7
Ethylbenzene	56.4	1.5
p,m-Xylene	467	2.2
o-Xylene	210	1.0
Total BTEX	895	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	95 %
	1,4-difluorobenzene	95 %
	Bromochlorobenzene	95 %

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:

Reserve Pit.

Analyst C. Oylun

Review Waster



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

Client:	M & G Drilling	Project #:	04033-001
Sample ID:	Graham 3 #8	Date Reported:	06-10-04
Laboratory Number:	28989	Date Sampled:	06-08-04
Chain of Custody No:	12262	Date Received:	06-09-04
Sample Matrix:	Soil	Date Extracted:	06-09-04
Preservative:	Cool	Date Analyzed:	06-09-04
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	3.5	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	3.5	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:

Reserve Pits.

Analyst P. Ophica.

Mistim Walles
Review



#### EC, SAR, ESP, Cl Analysis

Client:	M & G Drilling	Project #:	04033-001
Sample ID:	Graham 3 #8	Date Reported:	06-10-04
Laboratory Number:	28989	Date Sampled:	06-08-04
Chain of Custody:	12262	Date Received:	06-09-04
Sample Matrix:	Soil	Date Extracted:	06-09-04
Preservative:	Cool	Date Analyzed:	06-10-04
Condition:	Cool & Intact		

	Analytical	
Parameter	Result	Units

Conductivity @ 25° C	17.1	mmhos/cm
Calcium	1,180	mg/Kg
Magnesium	<0.01	mg/Kg
Sodium	2,130	mg/Kg
Sodium Absorption Ratio (SAR)	24.1	ratio
Exchangeable Sodium Percent (ESP)	25.4	percent
Chloride	4,190	mg/Kg

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

Comments: Reserve Pits.

Analyst C. Opinion

Review Musters