District I 1625 N. French Dr., Hobbs, NM 88240 District II 1301 W. Grand Avenue, Artesia, NM 88210 1000 Rio Brazos Road, Aztec, NM 87410

State of New Mexico **Energy Minerals and Natural Resources**

Form C-144 June 1, 2004

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

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

District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505

Pit

Pit Volume ____

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 \(\subseteq \) Closure of a pit or below-grade tank \(\subseteq \) BP AMERICA PROD. CO. Telephone: (505)-326-9200 e-mail address: Address: 200 ENERGY COURT, FARMINGTON, NM 87410 · API#: 30-045- 27208 Facility or well name: HOLMBERG GC D #1 U/L or Otr/Otr B Sec 21 T 32N R 10W County: SAN JUAN Latitude 36.97559 ____Longitude 107.88348 NAD: 1927 1983 Surface Owner Federal State Private Indian RCVD APR5'07 Below-grade tank Type: Drilling Production Disposal DEHY/SEP Volume: bbl-Type-of-fluid: OIL CONS. DIV. Workover Emergency Construction material DIST. 3 Lined ☑ Unlined ☐ STEEL TANK Double-walled, with leak a tection? Yes I If net, explain why not. Liner type: Synthetic Thickness mil Clay [7] bbl Less than 50 feet (20 points) Depth to ground water (vertical distance from bottom of pit to seasonal 0 50 feet or more, but less than 100 feet (10 points) high water elevation of ground water.) 100 feet or more (0 points) Yes (20 points) Wellhead protection area: (Less than 200 feet from a private domestic 0 No (0 points) water source, or less than 1000 feet from all other water sources.) 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 (10 points) 0 irrigation canals, ditches, and perennial and ephemeral watercourses.) 1000 feet or more (0 points)

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 surfaceft. and attach sample results. (5)
Attach soil sample results and a diagram of sample locations and excavations.
Additional Comments PIT LOCATED APPROXIMATELY 99 FT. S73W FROM WELL HEAD.
PIT EXCAVATION: WIDTH N/Aft., LENGTH N/Aft., DEPTH N/Aft.
PIT REMEDIATION: CLOSE AS IS: ☑, LANDFARM: ☐, COMPOST: ☐, STOCKPILE: ☐, OTHER ☐ (explain)
Cubic vards: N/A
I harshy partify that the information charge is true and complete to the best of my longulades and belief. I further contify that the charge described nit on below greater than the charge in the charge is true and complete to the best of my longulades and belief. I further contify that the charge is true and complete to the best of my longulades and belief.

Ranking Score (Total Points)

eby 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 has been/will be constructed or closed according to NMOCD guidelines 🖂, a general permit 🗌, or an alternative OCD-approved plan 🖾.

03/01/06 Jeff Blagg – P.E. # 11607 PrintedName/Title Signature

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.

	Deputy Oil & Gas Inspector,	
Approval.	District #3	Signature B
Printed Name/Title		Signature / Selection

Date: .AUG 0 6 2007

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__ ONSITE: 2/28/06

TRAVEL NOTES:

CALLOUT: __



EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	5-Point Composite @ 8'	Date Reported:	03-01-06
Laboratory Number:	36343	Date Sampled:	02-28-06
Chain of Custody No:	15595	Date Received:	03-01-06
Sample Matrix:	Soil	Date Extracted:	03-01-06
Preservative:	Cool	Date Analyzed:	03-01-06
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	0.3	0.1
Total Petroleum Hydrocarbons	0.3	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:

Holmberg GC D 1

Dehy/Sep Pit.

Analyst

Mistine m Walter
Review



EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

		•	
Client:	Blagg / BP	Project #:	94034-010
Sample ID:	5-Point Composite @ 8'	Date Reported:	03-01-06
Laboratory Number:	36343	Date Sampled:	02-28-06
Chain of Custody:	15595	Date Received:	03-01-06
Sample Matrix:	Soil	Date Analyzed:	03-01-06
Preservative:	Cool	Date Extracted:	03-01-06
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)	
D	44.6	4.0	
Benzene	14.6	1.8	
Toluene	26.5	1.7	
Ethylbenzene	7.4	1.5	
p,m-Xylene	54.4	2.2	
o-Xylene	11.4	1.0	
Total BTEX	114		

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	99.0 %
	1,4-difluorobenzene	99.0 %
	Bromochlorobenzene	99.0 %

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:

Holmberg GC D 1 Dehy/Sep Pit.

Analyst

Misturen Walters
Review



Chloride

Client: Blagg / BP Project #: 94034-010 Sample ID: 5-Point Composite @ 8' Date Reported: 03-01-06 Lab ID#: 36343 Date Sampled: 02-28-06 Soil Sample Matrix: Date Received: 03-01-06 Preservative: Cool Date Analyzed: 03-01-06 Cool and Intact Condition: Chain of Custody: 15595

Parameter Concentration (mg/Kg)

Total Chloride 32.0

Reference: Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: Holmberg GC D 1 Dehy/Sep Pit.

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CHAIN OF CUSTODY RECORD

Client / Project Name		- /2	Project Location							ΔΙ	NALYSIS / I	DARA	METERS				
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, "Sample No./ Identification	Sample Date	Sample Time	Lab Number		Sample Matrix		No. of Containers	7.0% 2015	87EX 8321	7							
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EPA Method 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC		Project #:		N/A
Sample ID:	03-01-06 QA/	QC	Date Reported:		03-01-06
Laboratory Number:	36341		Date Sampled:		N/A
Sample Matrix:	Methylene Chlo	ride .	Date Received:		N/A
Preservative:	N/A		Date Analyzed:		03-01-06
Condition:	N/A		Analysis Reques	ted:	TPH
	I-Cal Date	I-Cal/RF:	C-Cal RF:	% Difference	Accept: Range
Gasoline Range C5 - C10	02-04-05	1.0045E+003	1.0055E+003	0.10%	0 - 15%
Diesel Range C10 - C28	02-04-05	1.0042E+003	1.0062E+003	0.20%	0 - 15%
AND A REPORT OF THE PROPERTY O	NAME AND ADDRESS OF THE PARTY O	AND THE RESERVE AND THE PROPERTY OF THE PARTY STATE	1000 . 10 PL 40 PL 1000 THE BOARD I MINISTER C . 1 C. SETTIN	01.002 o k 101.001.004.000 o 100 10100 1000.000.000	e*is4.3
Blank Conc. (mg/L - mg/Kg		Concentration		Detection Lim	įit _į
Gasoline Range C5 - C10		ND		0.2	
Diesel Range C10 - C28		ND		0.1	
Total Petroleum Hydrocarbons		ND		0.2	
91,000,000,000,000 and enter a supply section of the contract	s. de 1867 s marier e een ook de agmentem	THERED. COMMENTS AND STREET TO	m. * + Nilominiko, Nin Additioniko (h. 13.)	one and assume to a superiode to the	1.108
Duplicate Conc. (mg/Kg)	Sample	, in Commission of the State of Commission	% Difference	M 3978,000 (77878.000m.) (3870)	
Gasoline Range C5 - C10	0.4	0.4	0.0%	0 - 30%	
Diesel Range C10 - C28	10.3	10.4	1.0%	0 - 30%	
AND SECTION OF THE PROPERTY TO A SECTION OF THE PROPERTY OF TH	· . 2004 C. 22 V 1945 PP 1280 PP 2000	seesel is totalest to destillate	entropensky lak, prekaz kra	er en ennen genner .	PACACTOR 88 TOWNSATAN
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	of the relationship and the supposition are	Accept Range
Gasoline Range C5 - C10	0.4	250	250	99.9%	75 - 125%
Diesel Range C10 - C28	10.3	250	260	99.9%	75 - 125%

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:

QA/QC for Samples 36341 - 36343.

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EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	ĺ	Project #:	!	N/A
Sample ID:	03-01-BTEX QA/0		Date Reported:		03-01-06
Laboratory Number:	36342		Date Sampled:	ĺ	N/A
Sample Matrix:	Soil	1	Date Received:	1	N/A
Preservative:	N/A	1	Date Analyzed:		03-01-06
Condition:	N/A	,	Analysis:	ļ	BTEX
Galibration and Detection Limits (ug/L)	I-Cal.RF:	C-Cal RF: Accept. Rang	ENT 000000000000000000000000000000000000	Blank Conc	Detect: Limit
B with the same of	A STATE OF THE STA				# 1
Benzene	6.0625E+007	6.0746E+007	0.2%	ND	0.2
Toluene	7 5054E+007	7.5204E+007	0.2%	ND	0.2
Ethylbenzene	6.4671E+007	6.4801E+007	0.2%	ND	0.2
p,m-Xylene	1.4678E+008	1.4707E+008	0.2%	ND	0.2
o-Xylene	7.3631E+007	7.3778E+007	0.2%	ND	0.1
Duplicate Conc. (ug/Kg);	Sample	Duplicate	%Diff	Accept Range	Detect Limit
Duplicate Conc. (ug/Kg) Benzene Toluene Ethylbenzene p,m-Xylene o-Xylene	Sample ND 20.1 6.8 22.7 10.8	ND 20.0 6.7 22.6	0.0% 0.5% 1.5% 0.4% 0.9%	Accept Range	1.8 1.7 1.5 2.2 1.0
Benzene Toluene Ethylbenzene p,m-Xylene	ND 20.1 6.8 22.7	ND 20.0 6.7 22.6	0.0% 0.5% 1.5% 0.4% 0.9%	0 - 30% 0 - 30% 0 - 30% 0 - 30% 0 - 30%	1.8 1.7 1.5 2.2
Benzene Toluene Ethylbenzene p,m-Xylene o-Xylene	ND 20.1 6.8 22.7 10.8	ND 20.0 6.7 22.6 10.7	0.0% 0.5% 1.5% 0.4% 0.9%	0 - 30% 0 - 30% 0 - 30% 0 - 30% 0 - 30%	1.8 1.7 1.5 2.2 1.0
Benzene Toluene Ethylbenzene p,m-Xylene o-Xylene Spike Conc. (ug/Kg)	ND 20.1 6.8 22.7 10.8	ND 20.0 6.7 22.6 10.7	0.0% 0.5% 1.5% 0.4% 0.9%	0 - 30% 0 - 30% 0 - 30% 0 - 30% 0 - 30%	1.8 1.7 1.5 2.2 1.0
Benzene Toluene Ethylbenzene p,m-Xylene o-Xylene Spike Conc. (ug/Kg)	ND 20.1 6.8 22.7 10.8 Sample	ND 20.0 6.7 22.6 10.7	0.0% 0.5% 1.5% 0.4% 0.9%	0 - 30% 0 - 30% 0 - 30% 0 - 30% 0 - 30%	1.8 1.7 1.5 2.2 1.0
Benzene Toluene Ethylbenzene p,m-Xylene o-Xylene Spike Conc. (ug/Kg) Benzene Toluene	ND 20.1 6.8 22.7 10.8 Sample ND 20.1	ND 20.0 6.7 22.6 10.7 Amount Spiked 50.0 50.0 50.0	0.0% 0.5% 1.5% 0.4% 0.9% Spiked Sample	0 - 30% 0 - 30% 0 - 30% 0 - 30% 0 - 30% % Recovery 99.8% 100.0%	1.8 1.7 1.5 2.2 1.0 Accept Range 39 - 150 46 - 148

ND - Parameter not detected at the stated detection limit.

References:

Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA,

December 1996

Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using Photoionization and/or Electrolytic Conductivity Detectors, SW-846, USEPA December 1996.

Comments:

QA/QC for Samples 36342 - 36343.

Analyst