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

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

<u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505

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 BP AMERICA PROD. CO. Telephone: (505)-326-9200 e-mail address: Address: 200 ENERGY COURT, FARMINGTON, NM 87410 API#: 30-045- 08581 Facility or well name: ROELOFS A #3 U/L or Otr/Otr A Sec 9 T 29N R 8W Longitude 107.67534 County: SAN JUAN Latitude 36.74464 NAD: 1927 ☐ 1983 ☒ Surface Owner Federal ☒ State ☐ Private ☐ Indian ☐ RCVD APR5'07 Pit Below-grade tank DIL CONS. DIV. Type: Drilling Production Disposal Volume: _ bbl Type-of-fluid: DIST. 3 Workover ☐ Emergency ☐ Construction material Lined Unlined STEEL TANK Double-walled, with leak of tection? Yes I If not, explain why not. Liner type: Synthetic Thickness mil Clay Pit Volume 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) Ranking Score (Total Points) Ω 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 \(\square\) offsite \(\square\) 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. 57 FT. N30W FROM WELL HEAD. Additional Comments PIT LOCATED APPROXIMATELY PIT EXCAVATION: WIDTH N/Aft., LENGTH N/Aft., DEPTH N/Aft. PIT REMEDIATION: CLOSE AS IS: ☑, LANDFARM: ☐, COMPOST: ☐, STOCKPILE: ☐, OTHER ☐ (explain) Cubic vards: 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 \(\subseteq \), a general permit \(\subseteq \), or an alternative OCD-approved plan \(\subseteq \). 11/27/06 Jeff Blagg – P.E. # 11607 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, AUG 0 2 2007 District #3 Approval. Signature Brunshon Joeff Printed Name/Title

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CLIENT: 3P	BLAG P.O. BOX		NEERING OMFIELD	•	LOC	ATION NO:	B1801
OCIENT.		505) 632		,		R NO:	14728
FIELD REPORT	: PIT CL	OSURE	VERIF	CATIO	N PAGE	≣ No:	of
LOCATION: NAME: POELO	yes A	WELL#:	<i>3</i> TYPE	: BLOW		· · · · · · · · · · · · · · · · · · ·	1-14-06
QUAD/UNIT: A SEC: 9	TWP: 29 N RNG	: BW PM: .	AJM CNTY: S	ST: NA	7		1-14.06
QTR/FOOTAGE: 990 FNL x 99	10 FEL N	E(NE CONTR	RACTOR: Px S	-Fermust	SPECI	ONMENTAL ALIST:	JCB
EXCAVATION APPROX.						AGE: _	0
DISPOSAL FACILITY:			REMEDIA		OD:	CLUSE ON: M	7
FIELD NOTES & REMARK			(IMATELY 5			<u> </u>	
DEPTH TO GROUNDWATER: >/C	 ≥ NEAREST WA	TER SOURCE:	SOLD PP	NEAREST S			WELLHEAD.
				OVM CALIB.	READ = 5	Z Z nnm	
SOIL AND EXCAVATION	N DESCRIPT	ION:		OVM CALIB.	GAS = /	OU ppm	
				<u></u>	30_ am/pm	DATE _	11-14-46
SOIL TYPE: SAND (SILTY SAN) SOIL COLOR:	DI SILT I SILTY C	LAY'/ CLAY /	GRAVEL / OTH	ER			
COHESION (ALL OTHERS): NON CO				COHESIVE			
CONSISTENCY (NON COHESIVE SOI PLASTICITY (CLAYS): NON PLASTIC				/ HIGHLY PLAST	IC.		
DENSITY (COHESIVE CLAYS & SILTS					.0	C	1.05ED)
MOISTURE DRY (SLIGHTLY MOIST, DISCOLORATION/STAINING OBSERV HC ODOR DETECTED YES, NO EX	ED: YES /(NO) EXP.	LANATION					
SAMPLE TYPE GRAB COMPOSITE				,		*	·
ADDITIONAL COMMENTS:		<u>्री</u> ुं ऽ है	BBL STOP				5 A A 14 5 F
SCALE SALE TO		FIE	LD 418.1 CALC	ULATIONS	1		
SAMP. TIM	E SAMP. ID	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. (ppm)
0 FT							
が PIT PERIMET	ED	1		<u> </u>	PITE	ROFIL	F
FI FERINCE	LN	0	VM		1111	IVOI IL	<u> </u>
·	SAME		DING				. 0
	75.4	SAMPLE ID	FIELD HEADSPACE (ppm)	_			PRIME
10	TANK	1 @ 2 @		_	10 (to.	<i>,</i>
×	7	3 @ 4 @		-	10.		•
A		5 @			,	1/1	1
XXX	× 10 A	5-pde9'	63	4'		: //	6
	recorded and			_ \ \ \ \ \	<u></u>	:-/[O
A Company of the second contract of the secon	ノ			_	Ľ	1 4	•
		LADC	AMOLEO	_			
		041101 5	AMPLES NALYSIS TIME	=			
	\ 10	5-pc T	15/01 150	⊣			
			AND THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN T				
P.D = PIT DEPRESSION; B.G. = BELOW	GRADE; B = BELOW	1/94	053ED)	-			
T.H = TEST HOLE; ~ = APPROX.; T.B. = TRAVEL NOTES:	TANK BOTTOM					 	
CALLOUT:			_ ONSITE: _	11 /14/in	3		

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EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	5-Point @ 9'	Date Reported:	11-25-06
Laboratory Number:	39230	Date Sampled:	11-14-06
Chain of Custody No:	14728	Date Received:	11-17-06
Sample Matrix:	Soil	Date Extracted:	11-21-06
Preservative:	Cool	Date Analyzed:	11-25-06
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)		
Gasoline Range (C5 - C10)	5.7	0.2		
Diesel Range (C10 - C28)	27.5	0.1		
Total Petroleum Hydrocarbons	33.2	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: Roelofs A #3 Blow Pit

Analyst

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EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	5-Point @ 9'	Date Reported:	11-25-06
Laboratory Number:	39230	Date Sampled:	11-14-06
Chain of Custody:	14728	Date Received:	11-17-06
Sample Matrix:	Soil	Date Analyzed:	11-25-06
Preservative:	Cool	Date Extracted:	11-21-06
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parame ter	Concentration (ug/Kg)	Det. Limit (ug/Kg)	
Benzene	ND	1.8	
Toluene	112	1.7	
Ethylbenzene	76.6	1.5	
p,m-Xylene	170	2.2	
o-Xylene	47.4	1.0	
Total BTEX	406		

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:

Roelofs A #3 Blow Pit

Analyst P. Que

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Chloride

Client: Blagg / BP Project #: 94034-010 Sample ID: 5-Point @ 9' Date Reported: 11-25-06 Lab ID#: 39230 Date Sampled: 11-14-06 Sample Matrix: Soil Date Received: 11-17-06 Preservative: Date Analyzed: 11-22-06 Cool Condition: Cool and Intact Chain of Custody: 14728 **Parameter** Concentration (mg/Kg) **Total Chloride** 84.0

Reference:

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

Comments:

Roelofs A #3 Blow Pit

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CHAIN OF CUSTODY RECORD

Client / Project Name		Project Location	THE REAL PROPERTY AND THE PROPERTY AND T		***************************************		A N I	UVOIC / DA	RAMETERS	COLUMN DESCRIPTION OF THE PROPERTY OF THE PROP		g,340. III4180.
Par 50 /BP		Roswas	A #3				AWA	1L1313 / FA	MAMELENS			
Sampler		Client No.		2						Remarks		
JEFF BLAND		9403	1-010	No. of Containers	TY	7.5	,					
Sample No./ Sample Identification Date	Sample Time	Lab Number	Sample Matrix	Conf	子での	1202 2021	3					
- Power & 9 1140	1500	39230	SOIL	8	х	×	×		Bu	in finance		
										Andre de de		
										,		
Relinquished by: (Signature) A A A A A A A A A A A A A A A A A A A		4/	7/06 0700	Received by: (L	W.	all	7		Date 1/17/04	7i 07	me
Belinquished by: (Signature)			F	Received by: ((Signatu	ıre)						
											<u> </u>	
			ENVIROT	EGH		<u>S</u> .			Sa	imple Receipt		Г
			5796 U.S.						Received I	ntact V	. N	N/A
			Farmington, Ne (505) 6	w Mexico 32-0615	8740	1			Cool - Ice/Bl			



EPA Method 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC		Project #:		N/A
Sample ID:	11 - 25-06 QA/Q	!C	Date Reported:		11-25-06
Laboratory Number:	39221		Date Sampled:		N/A
Sample Matrix:	Methylene Chlori	de	Date Received:		N/A
Preservative:	N/A		Date Analyzed:		11-25-06
Condition:	N/A		Analysis Reque	sted:	TPH
	J-Çal Date	″∵,I-Call≀RF: (``	C-Cal RF:	% Difference ?	Accept Range
Gasoline Range C5 - C10	07-11-05	1.0044E+003	1.0054E+003	0.10%	0 - 15%
Diesel Range C10 - C28	07-11-05	9.9732E+002	9.9932E+002	0.20%	0 - 15%
Blank Conc. (mg/L - mg/K) Gasoline Range C5 - C10	A STATE OF THE STA	ND		0.2	
Diesel Range C10 - C28		ND		0.1	
Total Petroleum Hydrocarbons		ND		0.2	
Duplicate Conc. (mg/Kg)	Sample :	Duplicate	% Difference	Accept, Range	er.
Gasoline Range C5 - C10	ND	ND	0.0%	0 - 30%	
Diesel Range C10 - C28	ND	ND	0.0%	0 - 30%	
Spike Conc. (mg/Kg)	Sample	Spike Ådded	Spike Result	%Recovery	Accept. Range
Gasoline Range C5 - C10	ND	250	250	100.0%	75 - 125%
Diesel Range C10 - C28	ND	250	250	100.0%	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 39221 - 39230

Analyst

Review



EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	P	roject #:	1	N/A
Sample ID.	11-25-BTEX QA/Q	C D	ate Reported:		11-25-06
Laboratory Number:	39221	D	ate Sampled:	1	N/A
Sample Matrix.	Soil	D	ate Received:	i	N/A
Preservative:	N/A	D	ate Analyzed:		11-25-06
Condition:	N/A	А	nalysis:	İ	BTEX
Calibration and	I-Cal RF:	Ĉ-Cal RF:	%Diff.	Blank 🐔	Detect.
Detection Limits (ug/L)		Accept. Range	∋ 0 - 15% 	Conce	Limit
Benzene	3.9212E+007	3.9291E+007	0.2%	ND	0.2
Toluene	6.6986E+007	6.7120E+007	0.2%	ND	0.2
Ethylbenzene	3.3341E+007	3.3408E+007	0.2%	ND	0.2
p,m-Xylene	1.2654E+008	1.2680E+008	0.2%	ND	0.2
o-Xylene	6 1775E+007	6.1899E+007	0.2%	ND	0.1
D űpligaté Cońc. (ug/Kģ)	Sample S	Duplicate	ૺ ૢ ૢ ૢૢૣૢૣૣૢૣૢૢૢૢૢૢૢૢૢૢૢૢૢૢૢૢૢૢૢૢૢૢૢૢૢ	Ácçęjří[Řańge]	^{ૺૺ૾} ૾ૢ Detect Lifmit
Duplicate Conc. (ug/Kg) Benzene Toluene Ethylbenzene p,m-Xylene o-Xylene	ND ND 12.4 57.1 19.2	Duplicate ND ND 12.4 57.0 19.1	%Diff. 0.0% 0.0% 0.0% 0.2% 0.5%	0 - 30% 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	ND ND 12.4 57.1 19.2	ND ND 12.4 57.0 19.1	0.0% 0.0% 0.0% 0.2% 0.5%	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 ND 12.4 57.1 19.2 Sample	ND ND 12.4 57.0 19.1	0.0% 0.0% 0.0% 0.2% 0.5%	0 - 30% 0 - 30% 0 - 30% 0 - 30% 0 - 30%	1.8 1.7 1.5 2.2 1.0 Accept Range
Benzene Toluene Ethylbenzene p,m-Xylene o-Xylene Spike Conc. (ug/Kg) Benzene Toluene	ND ND 12.4 57.1 19.2 Sample	ND ND 12.4 57.0 19.1 Amount Spiked	0.0% 0.0% 0.0% 0.2% 0.5% Spiked Sample 49.9 50.0	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
Benzene Toluene Ethylbenzene p,m-Xylene o-Xylene Spike Conc. (ŭĝ/Kg) Benzene Toluene Ethylbenzene	ND ND 12.4 57.1 19.2 Sample ND ND ND	ND ND 12.4 57.0 19.1 Amount Spiked 50.0 50.0 50.0	0.0% 0.0% 0.0% 0.2% 0.5% Spiked Sample 49.9 50.0 62.3	0 - 30% 0 - 30% 0 - 30% 0 - 30% 0 - 30% WRecovery 99.8% 100.0% 99.8%	1.8 1.7 1.5 2.2 1.0 Accept Range
Benzene Toluene Ethylbenzene p,m-Xylene o-Xylene Spike Conc. (ug/Kg)	ND ND 12.4 57.1 19.2 Sample	ND ND 12.4 57.0 19.1 Amount Spiked	0.0% 0.0% 0.0% 0.2% 0.5% Spiked Sample 49.9 50.0	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

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 39221 - 39230

Re