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

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

For downstream facilities, submit to Santa Fe office

Form C-144

June 1, 2004

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

District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505 Santa Fe, NM 87505 Pit or Below-Grade Tank Registration or Closure

	nk covered by a "general plan"? Yes or below-grade tank or Closure of a pit or below	
Operator: BP AMERICA PROD. CO. Address: 200 ENERGY COURT. FARMINGTON. Facility or well name: PRITCHARD A #2 County: SAN JUAN Latitude 36.84306 Longitude 10	NM 87410 API#: 30-045- 09917 U/L or 0	Qtr/Qtr H Sec 1 T 30N R 9W
Pit Type: Drilling ☐ Production ☒ Disposal ☐ SEPARATOR Workover ☐ Emergency ☐ Lined ☒ Unlined ☐ STEEL TANK Liner type: Synthetic ☐ Thicknessmil Clay ☐ Pit Volumebbl	Below-grade tank Volume:bblType_of-fluid: Construction material: Double-walled, with leak detection? Yes1	M_ NISI. 3
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)	0
If this is a pit closure: (1) attach a diagram of the facility showing the pit's your are burying in place) onsite ☑ offsite ☐ If offsite, name of facility_remediation start date and end date. (4) Groundwater encountered: No ☑ Attach soil sample results and a diagram of sample locations and excavation Additional Comments PIT LOCATED APPROXIMATEL PIT EXCAVATION: WIDTH N/Aft., LENGTH PIT REMEDIATION: CLOSE AS IS: ☑, LANDFARM: ☐, C Cubic yards: N/A	. (3) Attach a gene Yes ☐ If yes, show depth below ground surface is. Y 108 FT. N22W FROM V N/Aft., DEPTH N/Aft.	ral description of remedial action taken includingft. and attach sample results. (5) WELL HEAD.
I hereby certify that the information above is true and complete to the best has been/will be constructed or closed according to NMOCD guideline Date: 12/28/06 PrintedName/Title Jeff Blagg – P.E. # 11607 Your certification and NMOCD approval of this application/closure does otherwise endanger public health or the environment. Nor does it relieve to regulations. Deputy Oil & Gas Inspector, District #3	Signature Signature not relieve the operator of liability should the control of the operator of its responsibility for compliance with the operator of its responsibility for	ents of the pit or tank contaminate ground water or ith any other federal, state, or local laws and/or AUG 0 3 2007
Printed Name/TitleSi	gnature 1200 D-000	Date:

BL	AGG ENGINE	ERING	, INC.	LOC	ATION NO:	B1805
CLIENT: BP P.O. B	OX 87, BLOOM (505) 632-11		, NM 874	13		1678
FIELD REPORT: PIT (CLOSURE VI	ERIFI	CATIO	N PAG	E No:	of
LOCATION: NAME PRITCHARD A	WELL#: 2	TYPE	SEP	DATE	STARTED 1	2-21-06
QUAD/UNIT H SEC: 2 TWP: 30N	RNG: 9W PM: NM	CNTY: 5	J ST: NM			2-21-00
QTR/FOOTAGE: 1590 FNL × 940	CONTRACTO	OR: HOL 1	(EDGAR)		RONMENTAL IALIST.	JUS_
EXCAVATION APPROX. <u>NA</u> F	Γ. x <u>ΛΑ</u> FT. x <u>Λ</u>	ルキFT	. DEEP. CU	BIC YARD	AGE: _	0
DISPOSAL FACILITY: NA						. 1
	LEASE: _NM			· · · · · · · · · · · · · · · · · · ·		<u>~\/</u>
	LOCATED APPROXIMAT				_	1
	TPH CLOSURE STD: 50			JRFACE WAT	ER	000
		Pr	OVM CALIB. F	READ = .S	≥ () nnm	
SOIL AND EXCAVATION DESCR	IPTION:		OVM CALIB (GAS =/	00 ppm	
			TIME: ZUS	am/pm	DATE _	12/21
SOIL TYPE (SAND) SILTY SAND / SILT / SIL SOIL COLOR TA	TY CLAY / CLAY / GRAN	/EL / OTHE	ER			
COHESION (ALL OTHERS) NON COHESIVE) SLIG			COHESIVE		1 	
CONSISTENCY (NON COHESIVE SOILS): (LOOSE) PLASTICITY (CLAYS). NON PLASTIC / SLIGHTLY P			I HIGHI V DI ASTI	^		
DENSITY (COHESIVE CLAYS & SILTS): SOFT / FIRM			nighti FLASTi	C	(C	rozen)
MOISTURE DRY SLIGHTLY MOIST / WET	/ SATURATED / SUPER SAT	URATED	/ m (2 (2
DISCOLORATION/STAINING OBSERVED: (YES) NO HC ODOR DETECTED. (YES) NO EXPLANATION	MODERSTE S	GRAY 4	-8 ; Lig	ht Gray	. 50'OW	<i>D</i>
SAMPLE TYPE GRAB (COMPOSITE) # OF PTS.	5		· · ·	 .		- , ,
ADDITIONAL COMMENTS.	Deep AT -		At Tank			
	EXTENDA HOS				7,27,74	
		18.1 CALC				
SCALE SAMP. TIME SAMP.	D LAB NO. WE	IGHT (g)	mL FREON	DILUTION	READING	CALC. (ppm)
0 FT						
T						
N PIT PERIMETER	0)/14		ſ 	PILE	PROFIL	.E
	OVM READIN	iG.				
15		D HEADSPACE (ppm)	-	•		
1	1@	(5511)	-	,		
× ×	2 @ 3 @		-	(5	
	4 @					(A A
A	A 5@ 5-P* 810 2	294	3'			
, , , , , , , , , , , , , , , , , , , ,				打:	سم د د	
x x /			_	0] 8
÷				Wir.	T.M.	İ
FOUT	LAB SAMP	LES	_			\
X = Sample locations PRINT	SAMPLE ANALYS		_ /	/\`_\\\	, ?	DARK
\ 10 ,,	5-2A T/B/CC	<u> </u>	٦ , '	_	·	GRAF
Vine 11	(0) RS 3 P	5	- LIGHT			STAIN
PD = PIT DEPRESSION; B G. = BELOW GRADE; B = BE TH = TEST HOLE, ~ = APPROX., T.B. = TANK BOTTOM	LOW TON	=	STAI	~	*	
TRAVEL NOTES. CALLOUT:		NSITE !	12/21/06			



EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	5 - Pt. @ 10'	Date Reported:	12-26-06
Laboratory Number:	39568	Date Sampled:	12-21-06
Chain of Custody No:	1878	Date Received:	12-22-06
Sample Matrix:	Soil	Date Extracted:	12-22-06
Preservative:	Cool	Date Analyzed:	12-26-06
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	1,030	0.2
Diesel Range (C10 - C28)	537	0.1
Total Petroleum Hydrocarbons	1,570	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: Pritchard A #2 Sep Pit

Analyst

Musture m Watley
Review



EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	5 - Pt. @ 10'	Date Reported:	12-26-06
Laboratory Number:	39568	Date Sampled:	12-21-06
Chain of Custody:	1878	Date Received:	12-22-06
Sample Matrix:	Soil	Date Analyzed:	12-26-06
Preservative:	Cool	Date Extracted:	12-22-06
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)	
Benzene	108	1.8	
Toluene	1,090	1.7	
Ethylbenzene	3,630	1.5	
p,m-Xylene	16,120	2.2	
o-Xylene	6,550	1.0	
Total BTEX	27,500		

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:

Pritchard A #2 Sep Pit

Analvst

(Review Walter



Chloride

Client: Blagg / BP
Sample ID: 5 - Pt. @ 10'
Lab ID#: 39568

Sample Matrix: Soil Preservative: Cool

Condition: Cool and Intact

Project #:
Date Reported:

Date Reported:
Date Sampled:
Date Received:

Date Analyzed: Chain of Custody: 12-22-06 12-22-06

94034-010

12-26-06

12-21-06

1878

Parameter

Concentration (mg/Kg)

Total Chloride

44.0

Reference:

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

Comments:

Pritchard A #2 Sep Pit

Analyst Malter

Review

CHAIN OF CUSTODY RECORD

1878

Client / Project Name			Project Location	~ #	÷ 2				AN	ALYSIS / PAI	RAMETERS				
BLAGIS/BA Sampler: JEFF BLA			PRITCHAND Client No. 94034			Jo	siners	X				Rei	marks		
Sample No./ Identification	Sample Date	Sample Time	Lab Number		Sample Matrix	No. of	Containers TPH	STEX	CL						
5-Pt.e10'	12/21/06	1500	39568	50) iL	1	×	×	×		SEP	Pir			
												-			
Relinquished by: (Signat	29		12,	Date /22/0%	Time	Received I	eu.	\mathcal{C} .	Cerle			ļ	ate 22/0[me (00
Relinquished by: (Signat						Received I									
				ENV	'IRO"	TEC	110	C.			San	nple R			
			•		5796 U.S	. Highwa Iew Mexi		14			Received Int	tact	X	N	N/A
				ганн		632-061		<i>)</i>			Cool - Ice/Blu	e Ice	X		



EPA Method 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC		Project #:		N/A
Sample ID:	12-26-06 QA/Q	(C	Date Reported:		12-26-06
Laboratory Number:	39566		Date Sampled:		N/A
Sample Matrix:	Methylene Chlori	de	Date Received:		N/A
Preservative:	N/A		Date Analyzed:		12-26-06
Condition:	N/A		Analysis Reques	ted:	TPH
	I-Cal Date		Ć-Cal ŘĚ:	% Difforance	À Accept. Ránge
Gasoline Range C5 - C10	07-11-05	9.9161E+002		0.10%	0 - 15%
Diesel Range C10 - C28	07-11-05	9.8867E+002		0.10%	0 - 15%
Diesei Range C10 - C26	07-11-03	9.0007 E+002	9.9003E+002	0.20 /6	0 - 13/6
Blank Conc. (mg/L - mg/Kg)		Concentration		Detection Limit	
Gasoline Range C5 - C10		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	, a
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 Added	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 39566, 39568, 39579 - 39586

Analyst

Review



EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	F	Project #:	1	N/A
Sample ID:	12-26-BTEX QA/C	QC D	Date Reported:		12-26-06
Laboratory Number:	39566	Ω	Date Sampled:	i	N/A
Sample Matrix:	Soil		Date Received:	I	N/A
Preservative:	N/A		Date Analyzed:	•	12-26-06
Condition:	N/A	A	Analysis:	1	BTEX
Calibration and	I-Cal RF	C-Cal RF:	%Diff.	Blank	Detect.
Detection Limits (ug/L)		Accept. Rang	e 0 - 15%	Conc	Limit
Benzene	3.4430E+007	3.4499E+007	0.2%	ND	0.2
Toluene	4.6746E+007	4.6840E+007	0.2%	ND	0.2
Ethylbenzene	2 1980E+007	2.2024E+007	0.2%	ND	0.2
p,m-Xylene	9.5196E+007	9.5387E+007	0.2%	ND	0.2
o-Xylene	4.2348E+007	4.2433E+007	0.2%	ND	0.1
Dűplicate Conc.∜(µg/Kg).	Š	Duplicaté 🤹	.	Accept Range	Detect. Limit
Duplicate Conc. (ug/Kg). Benzene Toluene Ethylbenzene p,m-Xylene o-Xylene	Sample ND ND ND ND ND ND	ND ND ND ND	0.0% 0.0% 0.0% 0.0% 0.0% 0.0%	Accept Range 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 ND ND	ND ND ND ND ND	0.0% 0.0% 0.0% 0.0% 0.0%	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 ND ND	ND ND ND ND ND Amount Spiked	0.0% 0.0% 0.0% 0.0% 0.0% Spiked Sample	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 ND ND ND ND ND	ND ND ND ND ND Spiked 50.0 50.0	0.0% 0.0% 0.0% 0.0% 0.0% Spiked Sample 49.9	0 - 30% 0 - 30% 0 - 30% 0 - 30% 0 - 30% % Recovery 99.8% 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) Benzene Toluene	ND ND ND ND	ND ND ND ND ND Spiked 50.0 50.0	0.0% 0.0% 0.0% 0.0% 0.0% Spiked Sample	0 - 30% 0 - 30% 0 - 30% 0 - 30% 0 - 30% % Recovery 99.8% 99.8%	1.8 1.7 1.5 2.2 1.0
Benzene Toluene Ethylbenzene p,m-Xylene o-Xylene	ND ND ND ND ND ND	Amount Spiked 50.0 50.0 50.0	0.0% 0.0% 0.0% 0.0% 0.0% Spiked Sample 49.9	0 - 30% 0 - 30% 0 - 30% 0 - 30% 0 - 30% % Recovery 99.8% 99.8%	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 39566, 39568

Analyst