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

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

State of New Mexico Energy Minerals and Natural Resources

June 1, 2004

Form C-144

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

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 U/L or Qtr/Qtr J Sec 24 T 29N R 8W API#: 30-045- 23491 Facility or well name: VANDEWART B #2 County: SAN JUAN Latitude 36.70838 Longitude 107.62472 NAD: 1927 ☐ 1983 ☒ Surface Owner Federal ☒ State ☐ Private ☐ Indian ☐ Pit Below-grade tank Type: Drilling Production Disposal Management Volume: Workover ☐ Emergency ☐ Lined Unlined 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) O irrigation canals, ditches, and perennial and ephemeral watercourses.) 1000 feet or more (0 points) Ranking Score (Total Points) 0 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 I 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. Additional Comments: PIT LOCATED APPROXIMATELY 72 FT. S80W FROM WELL HEAD, PIT EXCAVATION: WIDTH N/Aft., LENGTH N/A ft., DEPTH N/Aft. PIT REMEDIATION: CLOSE AS IS: ⊠, LANDFARM: □, COMPOST: □, STOCKPILE: □, OTHER □ (explain) Cubic yards: | N/A BEDROCK BOTTOM 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 \(\omega\), a general permit \(\omega\), or an alternative OCD-approved plan \(\omega\) \(\omega\) \(\omega\) \(\omega\) \(\omega\) 11/18/05 Date 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. SEPUTY OIL & GAS INSPECTOR, DIST. A Signature 12 FFR 2 8 2006 Approval: Printed Name/Title

F 0			INEERIN	•		LOCATION N	0: <u>81702</u>
CLIENT: BP	P.O. BO	X 87, BLG (505) 63	OOMFIEL 2-1199	D, NM 87	i i	COCR NO:	15106
FIELD REPORT	r: PIT CI	LOSURI	E VERIF	ICATIO	ON F	PAGE No:	of
LOCATION: NAME: VAND	ewart B	WELL#:	Z TYP	E: ABANDO	<u>ی</u> ر		11-17-05
QUAD/UNIT: J SEC: 24	TWP: 29N RI	NG: 8W PM:	NM CNTY: 5	J ST: NA	(11-17-05
QTR/FOOTAGE: 1620 FS	L × 1650 FE	CON]	RACTOR: PX	S CMAMO) E	NVIRONMENTAL PECIALIST:	ICB
EXCAVATION APPROX						ARDAGE:	0
DISPOSAL FACILITY:	NI	4	REMEDIA	ATION METH	OD:	Cus	E AS IS
LAND USE: RANGE - B	in	LEASE: S	F-07850)2	FORM	ATION:	DK
FIELD NOTES & REMAR	KS: PIT LO	CATED APPRO	XIMATELY 7	<u>Z</u> FT	S 8 0	W FROM	WELLHEAD.
DEPTH TO GROUNDWATER: >(C			>1000		SURFACE \	WATER:	×0UJ
NMOCD RANKING SCORE:	NMOCD TP	I CLOSURE STD:	5000 P	РМ			
SOIL AND EXCAVATIO	N DESCRIP	TION:			_	<u> 53.8</u> ppm <i></i> ppm	
				TIME: OB		pm DATE:	
SOIL TYPE: SAND SILTY SAN		CLAY / CLAY /	GRAVEL OTH				6 4
SOIL COLOR: ORANG COHESION (ALL OTHERS): NON CO		A CORESINE/	HESIVE I HIGHLY	COHESIVE			
CONSISTENCY (NON COHESIVE SO				·			
PLASTICITY (CLAYS): NON PLASTIC	/ SLIGHTLY PLAST	TIC / COHESIVE /	MEDIUM PLASTIC	/ HIGHLY PLASTI	C		
DENSITY (COHESIVE CLAYS & SILTS MOISTURE: ORY / SLIGHTLY MOIST							CLOSED
DISCOLORATION/STAINING OBSERV	ED: YES NO EX	PLANATION -	V. MINOR				
HC ODOR DETECTED: YES NO EX	PLANATION - V	MINOR					
SAMPLE TYPE: GRAB/COMPOSITE)# OF PTS. <u>5</u>	<u> </u>	X15 X3	Deep Ear	then P	it Use	Backhoe
BEDROCK		40	Dig Into	Pix. FI	RM 1	30druck_	
(BOTTOM)		EI	LD 418.1 CALC	LILATIONS			
SCALE SAMP. TIM	E SAMP. ID	LAB NO.	T		DILUTIO	NREADING	CALC. (ppm)
		END No.	W2.011 (g)	IIID T TOOTY			Crize (ppiii)
0 FT							
PIT PERIMETI	ER		·!		PIT	PROFIL	E
		1	VM				
		SAMPLE	DING FIELD HEADSPACE	-			
15		1@	(ppm)			_	
500		2@		_ <		15'-	
(E) (S)		3 @ 4 @		-			
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$\langle \kappa \rangle$ (E))				BEDRO	CK SAWI	STONE
	i	IABS	MPLES				
		2411212	ALYSIS TIME			•	
		5-POUT TF	14 06325				
		et					İ
P.D. = PIT DEPRESSION; B.G. = BELOW G		PA	55 ED)	-			
T.H. = TEST HOLE; ~ = APPROX.; T.B. = T/ TRAVEL NOTES:	MOLION			. /- / -			
CALLOUT:			ONSITE: 1	Y11/05			···



Client:	Blagg / BP	Project #:	94034-010
Sample ID:	5-Pt Comp @ 4'	Date Reported:	11-18-05
Laboratory Number:	35037	Date Sampled:	11-17-05
Chain of Custody No:	15106	Date Received:	11-17-05
Sample Matrix:	Soil	Date Extracted:	11-17-05
Preservative:	Cool	Date Analyzed:	11-18-05
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)	ND	0.1
Total Petroleum Hydrocarbons	ND	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:

Vandewart B2 Abandon Pit.

Analyst C. Q

(Review Malter



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Sample Matrix:	Soil	Date Analyzed:	11-18-05
Preservative:	Cool	Date Extracted:	11-17-05
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)	
Benzene	ND	1.8	
Toluene	19.1	1.7	
Ethylbenzene	49.7	1.5	
p,m-Xylene	32.2	2.2	
o-Xylene	8.9	1.0	
Total BTFX	110		

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	98.0 %
	1,4-difluorobenzene	98.0 %
	Bromochlorobenzene	98.0 %

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:

Vandewart B2 Abandon Pit.

Analyst

Mister Mualles
(Review



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Preservative:	Cool	Date Analyzed:	11-18-05
Condition:	Cool and Intact	Chain of Custody:	15106

Parameter Concentration (mg/Kg)

Total Chloride 53.2

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

Comments: Vandewart B2 Abandon Pit.

nalyst (Review Review)

<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 District III
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State of New Mexico **Energy Minerals and Natural Resources**

June 1, 2004

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Pit or Below-Grade Tank Registration or Closure

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Pacifity or well name: VANDEWART B #2 API F: 30-045- 23491 UIL or Qrt/Or J Sec 24 T 29N R 8W	•		mail address:
Country SAN JUAN Latitude 36.70838 Longitude 107.62472 NAD: 1927 1983 Surface Owner Federal State Private Indian Reference Indian Reference Private Indian Reference Private Indian Reference Private Indian Reference Private Indian Reference India			
Pit Type: Drilling Production Disposal DEHYDRATOR Worknover Emergency Double-walled, with least section Production Double-walled, with least section Double-walled, with least section Double-walled, with least section Double-walled, with least section Double Doubl	•		
Notice Production Disposal DEHYDRATOR Volume: bbl You of fluid: Construction materia Double-walled, with geals affection? Yes Diffuse explain why not.	County: SAN JOAN Latitude 30.70030 Longitude 10	NAD: 1927 1983 Surface	Owner Federal 🖾 State 📋 Private 📋 Indian 📋
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PIT EXCAVATION: WIDTH N/Aft., LENGTH N/A ft., DEPTH N/Aft. PIT REMEDIATION: CLOSE AS IS: ALANDFARM: COMPOST: STOCKPILE: OTHER (explain) Cubic yards: N/A BEDROCK BOTTOM 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 tanhas been/will be constructed or closed according to NMOCD guidelines ageneral permit or an alternative OCD-approved plan. Date: 11/18/05 PrintedName/Title 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 of the 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: SEPUTY OR & GAS INSPECTOR, DIST. &	Additional Comments: PIT LOCATED APPROXIMATEL	Y <u>96</u> FT. S19W FROM W	VELL HEAD. ACTO CO 27 2000
PIT REMEDIATION: CLOSE AS IS: \(\triangle \), LANDFARM: \(\triangle \), COMPOST: \(\triangle \), STOCKPILE: \(\triangle \), OTHER \(\triangle \) (explain) Cubic yards: \(\triangle \)/A BEDROCK BOTTOM 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 tanhas been/will be constructed or closed according to NMOCD guidelines \(\triangle \), a general permit \(\triangle \), or an alternative OCD-approved plan \(\triangle \). Date: \(\triangle \) 11/18/05 PrintedName/Title \(\triangle \) Jeff Blagg - P.E. # 11607 \(\triangle \) 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 of 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: \(\triangle \) 3 GAS iNSPECTOR, DIST, \(\triangle \)		· · · · · · · · · · · · · · · · · · ·	
Cubic yards: N/A BEDROCK BOTTOM 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 tanhas been/will be constructed or closed according to NMOCD guidelines ⋈, a general permit ⋈, or an alternative OCD-approved plan ⋈. Date: 11/18/05 PrintedName/Title 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 of 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: Say NSPECTOR, DIST. Signature			(explain)
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 tanhas been/will be constructed or closed according to NMOCD guidelines , a general permit , or an alternative OCD-approved plan . Date: 11/18/05 PrintedName/Title 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 of 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: SEATT ON & GAS INSPECTOR, DIST. &			E 2000 L
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 tanhas been/will be constructed or closed according to NMOCD guidelines , a general permit , or an alternative OCD-approved plan . Date:	3237		Year Dine 3 in
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 tanhas been/will be constructed or closed according to NMOCD guidelines , a general permit , or an alternative OCD-approved plan . Date:	DEDROCK BOTTOM		
PrintedName/Title 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 of 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: Approval: GENTROL & GAS INSPECTOR, DIST.	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.	of my knowledge and belief. I further certify tha es 🛛, a general permit 🔲, or an alternative OCI	t the above-described pit or below-grade tank
PrintedName/Title 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 of 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: Approval: GAS INSPECTOR, DIST.	Date: 11/18/05		
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: ON & GAS INSPECTOR, DIST.		Signature Signature	
	otherwise endanger public health or the environment. Nor does it relieve	not relieve the operator of liability should the conter the operator of its responsibility for compliance with	nts of the pit or tank contaminate ground water or h any other federal, state, or local laws and/or
Printed Name/Title Date: FFB 2 8 2006		ignature A	Date: FEB 2 8 2006

					-					
	,	BP			INEERIN	• .		LOCATION	10: B17 C	77
CLIENT	:		P.O. BO	(87, BL((505) 63		D, NM 87	413	COCR NO:	1510	76
FIE	LD RI	EPORT	: PIT CI	LOSURI	E VERIF	FICATIO	NC	PAGE No: _	t of _	
			waer B					DATE STARTED:		
QUAD	/UNIT: J	SEC: 24	TWP: 29N RA	IG: BW PM:	NM CNTY: S			DATE FINISHED:		
QTR/	FOOTAGE:	1620 FSL	× 1650 FE	- CONI	RACTOR: PX	rs (Mama	<u>)</u>	ENVIRONMENTAL SPECIALIST:	FCB	
EXCA\	VATION	APPROX.	NA FT.		. x <u>NA</u> F	T. DEEP. C	UBIC	ARDAGE:	_0_	
DISPOS LAND U	AL FACILI	TY:BL	M M	·····	REMEDI. F - 07850				E AS U	<u>s</u>
	· · · · · · · · · · · · · · · · · · ·	REMARK			XIMATELYC		519	W_ FROM	WELLHE	AD.
DEPTH TO	GROUNDW	ATER: >100		ATER SOURCE:	>1000			_	×000	-
NMOCD R	ANKING SCC	RE: O	NMOCD TPH	CLOSURE STD:	5000 p	РМ				
SOIL	AND EX	CAVATION	I DESCRIPT	ION:				= <u>53.8</u> ppr		0.52
								Dom DATE:	11/17/	05
			/ SILT / SILTY	CLAY / CLAY /	GRAVEL OTH	ER BEDR	ock s	5Andstone	65	
SOIL COLO		_ <i>ORANGE</i> RS): NON COH	ESIVE (SLIGHTLY	COHESIVE/ CO	HESIVE / HIGHLY	COHESIVE				
			S): LOOSE (FIRM							
			SLIGHTLY PLAST			/ HIGHLY PLAST	ic.		1, = = = 0	7
•			SOFT / FIRM / ST MOIST_(WET / SAT					(102FD	ント
DISCOLOR	ATION/STAIL	VING OBSERVE	D: YES) NO EXP LANATION - V	LANATION -	V. MINOR					
		(COMPOSITE)				X	, _ .	/ P.	<i>i</i>	
	LOCK	'S:			5 X15 X ACEHOZ I					
Bonk					=irm Bo			5′	1	
	LE			FIE	LD 418.1 CALC	1				
304	<u> </u>	SAMP. TIME	SAMP. ID	LAB NO.	WEIGHT (g)	mL FREON	DILUT	ION READING	CALC. (p	pm)
0	FT			<u> </u>					 	
V)	PIT PE	RIMETE	R	<u> </u>			PI	Γ PROFIL	<u> </u>	
1				0	VM			1 1 101 12		
·		/	n to 11		DING		·			ì
				SAMPLE ID	FIELD HEADSPACE (ppm)		* *.			
		15		1 @ 2 @	:		. :	(Em F		Ì
	(X)		\geqslant	3 @ 4 @		-		- 10		l
!				5@		5			13	-
A		(P)	15 A	5-Paut Company	6.2	- 1			- 40	
				@ 5'			BELL	PROCE /SAL	DSTONE	
	8	Ø								1
` \			/ [MPLES					1
			.	SAMPLE AN	ALYSIS TIME		. :			ı
				Bri	E.K					- 1
D. = PIT DEG	PRESSION: P	G. = BFI OW CD	ADE: B = BELOW		SOED					
.H. = TEST H	OLE; ~ = APP	ROX.; T.B. = TAN				<u> </u>				
TRAVEL N	OTES:	CALLOUT: _			ONSITE:	1/17/05	·			_



Client:	Blagg / BP	Project #:	94034-010
Sample ID:	5-Pt Comp @ 5'	Date Reported:	11-18-05
Laboratory Number:	35035	Date Sampled:	11-17-05
Chain of Custody No:	15106	Date Received:	11-17-05
Sample Matrix:	Soil	Date Extracted:	11-17-05
Preservative:	Cool	Date Analyzed:	11-18-05
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)	ND	0.1
Total Petroleum Hydrocarbons	ND	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:

Vandewart B2 Dehy Pit.

Analyst P. Q

Mustine Milates
Review



Client:	Blagg / BP	Project #:	94034-010
Sample ID:	5-Pt Comp @ 5'	Date Reported:	11-18-05
Laboratory Number:	35035	Date Sampled:	11-17-05
Chain of Custody:	15106	Date Received:	11-17-05
Sample Matrix:	Soil	Date Analyzed:	11-18-05
Preservative:	Cool	Date Extracted:	11-17-05
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)	
Benzene	ND	1.8	
Toluene	2.0	1.7	
Ethylbenzene	35.0	1.5	
p,m-Xylene	32.0	2.2	
o-Xylene	4.4	1.0	
Total BTEX	73.4		

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	98.0 %
	1,4-difluorobenzene	98.0 %
	Bromochlorobenzene	98.0 %

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:

Vandewart B2 Dehy Pit.

Analyst P. Cert

A Muster my Walter
Review



Blagg / BP Client: Project #: 94034-010 Sample ID: 5-Pt Comp @ 5' Date Reported: 11-18-05 Lab ID#: 35035 Date Sampled: 11-17-05 Sample Matrix: Soil Date Received: 11-17-05 Preservative: Cool Date Analyzed: 11-18-05 Condition: Cool and Intact Chain of Custody: 15106

Parameter

Concentration (mg/Kg)

Total Chloride

51.1

Reference:

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

Comments:

Vandewart B2 Dehy Pit.

Analyst

Review

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

	lk covered by a "general plan"? Yes ⊠ No or below-grade tank ☐ Closure of a pit or below-gra		
Operator: BP AMERICA PROD. CO.	Telephone: (505)-326-9200 e-mai	9 - 4 4	
Operator: BP AMERICA PROD. CO. Address: 200 ENERGY COURT. FARMINGTON.		i address:	
	API #: 30-045- 23491 U/L or Qtr/Q	otr J Sec 24 T 2	29N _R 8W
County: SAN JUAN Latitude 36.70838 Longitude 10			
Pit	Below-grade tank	***************************************	
Type: Drilling ☐ Production ☐ Disposal ☐ PRODUCTION TANK	Volume:bbl_Type of fluid:		
Workover ☐ Emergency ☐	Construction material:		
Lined Unlined 🗵	Double-walled, with leak attection? Yes I If in	explain why not.	
Liner type: Synthetic Thicknessmil Clay			
Pit Volumebbl			
Depth to ground water (vertical distance from bottom of pit to seasonal	Less than 50 feet	(20 points)	0
high water elevation of ground water.)	50 feet or more, but less than 100 feet 100 feet or more	(10 points)	U
	100 feet of more	(0 points)	
Wellhead protection area: (Less than 200 feet from a private domestic	Yes	(20 points)	0
water source, or less than 1000 feet from all other water sources.)	No	(0 points)	U
District of the state of the st	Less than 200 feet	(20 points)	
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	200 feet or more, but less than 1000 feet	(10 points)	0
ingation canais, ditches, and pereminar and epitemetar watercourses.)	1000 feet or more	(0 points)	U
	Ranking Score (Total Points)		0
If this is a pit closure: (1) attach a diagram of the facility showing the pit's	relationship to other equipment and tanks (2) Indica	te dienosal location: (check (
your are burying in place) onsite \(\square\) offsite \(\square\) 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		n. and attach samp	25 26 27 79 30
Additional Comments: PIT LOCATED APPROXIMATEL		IL HEAD	
PIT EXCAVATION: WIDTH N/Aft., LENGTH		EL HEAD.	FEB 200
PIT REMEDIATION: CLOSE AS IS: ⊠, LANDFARM: □, C		105 11 11/11	
Cubic yards: N/A	OMPOSI:, STOCKPILE:, OTHER (ex	plain)	
		10 10 00 00 00 00 00 00 00 00 00 00 00 0	<u> </u>
BEDROCK BOTTOM		50	
I hereby certify that the information above is true and complete to the best	of my knowledge and belief. I further certify that the	12/	elow-prade tank
has been/will be constructed or closed according to NMOCD guideline	s ⊠, a general permit □, or an alternative OCD-a	ipproved plan 🗵.	S. S
Date: 11/18/05			
Date: 4 17 107 03			
PrintedName/Title Jeff Blagg - P.E. # 11607	Signature 2 1	Light	
Your certification and NMOCD approval of this application/closure does not otherwise endanger public health or the environment. Nor does it relieve to regulations.	not relieve the operator of liability should the contents	of the pit or tank contaminate ny other federal, state, or loca	e ground water or al laws and/or
Approval:		FED a	O Joen
Printed Name/Title STATITY GIL & GAS INSPECTOR, DIST. 41 Si	gnature 75 1/2 X	Date:	8 2006
	0 000		

	BP			NEERING	•	443	LOCATION N	0: B170Z
CLIENT:	<i>Si</i>	P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199			l l	COCR NO:	15106	
FIELD R	EPORT	: PIT CI	LOSURE	VERIF	ICATIO	ON P	AGE No:	of
LOCATION: N	AME: VANDE	wart B	WELL#:	2 TYPI	: Produci	HUN C	ATE STARTED:	11-17-05
QUAD/UNIT: J	SEC: 24	TWP: 29N RN	IG: 8W PM:	NM CNTY: S.	J ST: NA	(⊢	NVIRONMENTAL	
QTR/FOOTAG	E: 1620 F3L	x 1650 FEB	CONT	RACTOR: PX	S (MAMI) s	PECIALIST:	FCB
EXCAVATIO				X NA FT	DEEP. C	UBIC YA	ARDAGE:	
DISPOSAL FAC	ILITY:	NA	4	REMEDIA				E AS IS
LAND USE: F	RANGE - BL							DK
FIELD NOTES	& REMARK			CIMATELY				1
DEPTH TO GROUND	WATER: >100			>100s		SURFACE	WATER:	×000
NMOCD RANKING S	CORE:	NMOCD TPH	CLOSURE STD:	5000 P			<u> </u>	
SOIL AND E	XCAVATION	I DESCRIPT	ΓΙΟΝ:				<i>53 8</i> ppm <i>{0.2</i> ppm	
					TIME: 08	40 (an	pm DATE:	
SOIL TYPE: SAN	D SILTY SAND	/ SILT / SILTY	CLAY / CLAY /	GRAVEL (OTH	ER BEDR	oct 5	AND YOUE	@ 2-
SOIL COLOR:			Y COHESIVEY CO	HESIVE / HIGHLY	COHESIVE			
CONSISTENCY (NO	N COHESIVE SOIL	S): LOOSE (FIRM	DENSE / VERY	DENSE				
PLASTICITY (CLAYS					/ HIGHLY PLAST	TC		
DENSITY (COHESIVE MOISTURE: DRY / S							(0	WSED)
DISCOLORATION/ST	AINING OBSERVE	D: YES NO EXI	PLANATION	1. MINOR				
HC ODOR DETECTE SAMPLE TYPE: GR								
ADDITIONAL COMME		# OF F13. <u>3</u>		9 x9 x1			on Pit.	Use
BEDROCK			·	BALLINE FIRM S.		Jux s	P,T.	
		~	FIE	LD 418.1 CALC				
SCALE	SAMP. TIME	SAMP. ID	LAB NO.	WEIGHT (g)	mL FREON	DILUTI	ONREADING	G CALC. (ppm)
	_	T						
O n FT								
N PIT F	PERIMETE	R	7 0			PIT	PROFIL	_E
(1	VM .DING				
	9		SAMPLE	FIELD HEADSPACE	7			
160		`	1@	(ppm)	<u> </u>		9'-	>
(8)	E		2 @ 3 @					
A	(P)	0 - A-	4 @	Fiel	2']	<u> </u>		I.
,,	6	19 "	5 @ 5 - PONT	54	-			2001.00
		1	Coupery			BED	ROCK SA	ANSTERNE
(B)	(منز)	/	@ 2-		/ /			
					1			
-			LAB S	AMPLES				
		, TO ,,		IALYSIS TIME				
*		2 nous	137	Ex	4			i
.					_			
P.D. = PIT DEPRESSIO T.H. = TEST HOLE; ~ =			PAS	15ED)				
TRAVEL NOTES:	CALLOUT:			_ ONSITE:	11/17/05			
	•				/ /			



Client:	Blagg / BP	Project #:	94034-010
Sample ID:	5-Pt Comp @ 2'	Date Reported:	11-18-05
Laboratory Number:	35038	Date Sampled:	11-17-05
Chain of Custody No:	15106	Date Received:	11-17-05
Sample Matrix:	Soil	Date Extracted:	11-17-05
Preservative:	Cool	Date Analyzed:	11-18-05
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)	0.8	0.1
Total Petroleum Hydrocarbons	0.8	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:

Vandewart B2 Prod Pit.

Analyst C. Opt

Review Wester



Client:	Blagg / BP	Project #:	94034-010
Sample ID:	5-Pt Comp @ 2'	Date Reported:	11-18-05
Laboratory Number:	35038	Date Sampled:	11-17-05
Chain of Custody:	15106	Date Received:	11-17-05
Sample Matrix:	Soil	Date Analyzed:	11-18-05
Preservative:	Cool	Date Extracted:	11-17-05
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)	
Benzene	ND	1.8	
Toluene	ND ND	1.7	
Ethylbenzene	ND	1.5	
p,m-Xylene	ND	2.2	
o-Xylene	ND	1.0	
Total BTEX	ND		

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	98.0 %
	1,4-difluorobenzene	98.0 %
	Bromochlorobenzene	98.0 %

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:

Vandewart B2 Prod Pit.

Analyst C. Get

Mister of Walter Review



Client:	Blagg / BP	Project #:	94034-010
Sample ID:	5-Pt Comp @ 2'	Date Reported:	11-18-05
Lab ID#:	35038	Date Sampled:	11-17-05
Sample Matrix:	Soil	Date Received:	11-17-05
Preservative:	Cool	Date Analyzed:	11-18-05
Condition:	Cool and Intact	Chain of Custody:	15106

Parameter

Concentration (mg/Kg)

Total Chloride

49.6

Reference:

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

Comments:

Vandewart B2 Prod Pit.

Analyst

Review

<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 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

June 1, 2004

Form C-144

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

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

Pit or	Below-	Grade	Tank	Regist	tration	or Closure

Is pit or below-grade tar Type of action: Registration of a pit	nk covered by a "general plan"? Yes 🔀 N or below-grade tank 🔲 Closure of a pit or below-g	NO ∐ grade tank ⊠			
Operator: BP AMERICA PROD. CO.	Telephone: (505)-326-9200 a.	mail addrace:			
Address: 200 ENERGY COURT, FARMINGTON.		man address.			
Facility or well name: VANDEWART B #2		tr/Otr J Sec 24 T 29N R 8W			
County: SAN JUAN Latitude 36.70838 Longitude 10		Owner Federal State Private Indian			
<u>Pit</u>	Below-grade tank				
Type: Drilling Production Disposal SEPARATOR	Volume:bbl_Type of fluid:				
Workover	Construction material:	<u></u>			
Lined ☑ Unlined ☐ STEEL TANK	Double-walled, with leak direction? Yes II If	nt. explain why not.			
Liner type: Synthetic Thicknessmil Clay					
Pit Volumebbl					
Depth to ground water (vertical distance from bottom of pit to seasonal	Less than 50 feet	(20 points)			
high water elevation of ground water.)	50 feet or more, but less than 100 feet	(10 points) (
	100 feet or more	(0 points)			
Wellhead protection area: (Less than 200 feet from a private domestic	Yes	(20 points)			
water source, or less than 1000 feet from all other water sources.)	No	(0 points)			
	Less than 200 feet	(20 points)			
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	200 feet or more, but less than 1000 feet	(10 points)			
inigation canais, ditches, and pereima and epitemetal watercourses.	1000 feet or more	(0 points)			
	Ranking Score (Total Points)	0			
If this is a pit closure: (1) attach a diagram of the facility showing the pit's	s relationship to other equipment and tanks (2) Ind	- 			
your are burying in place) onsite \(\square\) offsite \(\square\) 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		2000 CO CO 29			
Additional Comments: PIT LOCATED APPROXIMATEL		VELL HEADS PARTY STATES			
PIT EXCAVATION: WIDTH N/Aft., LENGTH		E8 2008 2			
PIT REMEDIATION: CLOSE AS IS: ⊠, LANDFARM: □, C		(explain)			
Cubic yards: N/A	edin edi. E, si edit izzi. E, o i i izk	E CON W			
BEDROCK BOTTOM					
BEDROCK BOTTOM					
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 alternative OCD-approved plan 🖾.					
Date: 11/18/05					
PrintedName/Title Jeff Blagg - P.E. # 11607	Juffer a	along .			
	Signature				
Your certification and NMOCD approval of this application/closure does otherwise endanger public health or the environment. Nor does it relieve regulations.	not relieve the operator of liability should the conteithe operator of its responsibility for compliance with	nts of the pit or tank contaminate ground water or h any other federal, state, or local laws and/or			
Americal	2 1 A				
Approval: Printed Name/Title CENTY ON & GAS INSPECTOR, DIST. 46	imature 13	Date:FFR 2 8 2006			
Times time time the time to the time to the time to the time to the time time to the time time to the time time to the time time time time time time time tim	ignature of the first	Date:			

CLIENT: BP	BLAG P.O. BOX 8		INEERIN	-	LC	CATION NO	B1767
CLIENT: BF		505) 63		D, NIVI 67	i i	OCR NO:	15106
FIELD REPORT	: PIT CLC	SURE	E VERIF	CATION	ON PAG	GE No:	of
LOCATION: NAME: VANDE QUAD/UNIT: J SEC: 24		WELL#:		E SEPAL		E STARTED:	11-17-05
QTR/FOOTAGE: 1620 F31	× 1650 FEL	NW/SE CONT	RACTOR: PX	S (MAM	ENV SPE	IRONMENTAL CIALIST:	ICB
EXCAVATION APPROX.						DAGE:	0
DISPOSAL FACILITY:	NA		REMEDIA	ATION METH	iod: _	Cus	E AS IS
LANDUSE: RANGE - BO			F - 07 <i>85</i> 0		FORMA) (
FIELD NOTES & REMARK			KIMATELY 13				WELLHEAD. ¥ひむし
DEPTH TO GROUNDWATER: 200	NEAREST WATE NMOCD TPH CLI			NEAREST	SURFACE WA	TER:	
NMOCD RANKING SCORE:			<u> </u>		READ. = 5	3.8 ppm	
SOIL AND EXCAVATION	1 DESCRIPTIO	<u>N:</u>	,	OVM CALIB.	GAS =	ppm co	$\frac{RF = 0.52}{11.62}$
SOIL TYPE: SAND SILTY SAND		W / OLAY /	CRAVEL OTH		ock SAA		6 5
SOIL COLOR: ORANGE	TAN				<u> </u>	Jus/oue	
COHESION (ALL OTHERS): NON COI CONSISTENCY (NON COHESIVE SOIL				COHESIVE	•		
PLASTICITY (CLAYS): NON PLASTIC				/ HIGHLY PLAST	ic ··		
DENSITY (COHESIVE CLAYS & SILTS)	SOFT / FIRM / STIFF	/ VERY STIFF	/ HARD			Cu	SED
MOISTURE: ORY / SLIGHTLY MOISTA DISCOLORATION/STAINING OBSERVE	MOIST / WET / SATUR	ATED / SUPE	R SATURATED 1. MINON				
HC ODOR DETECTED: YES NO EXP	LANATION - V. M	INOR					
SAMPLE TYPE: GRAB (COMPOSITE) ADDITIONAL COMMENTS:	# OF PTS. <u>5</u>	15	X15 X5	Deep	Pit w	195 Bé	BL Steel
BEDROCK		···	rk. Use	BACKhoe -	to PSI	tauk 3	2 Sample.
(BOTTOM			RM Beda LD 418.1 CALC		びだ	 	
SCALE SAMP, TIME	SAMP, ID	LAB NO.	,		DITITION	READING	CALC. (ppm)
SAMI. TIME	, SAMI. ID	LAB NO.	WEIGHT (g)	III TICLON	DILOTION	READING	CALC. (ppin)
O _n FT	1				. ,		
N PIT PERIMETE	R				PITF	ROFIL	E
,	я		VM		:		·
,	70 TO 1 5	SAMPLE	DING FIELD HEADSPACE	_			
15	10	@ @	(ppm)		1		
(8) (8)	2 (3 (٠
	4 (@					
15 1 8	5 (@ -Pant	07	\dashv		201 1 - 1	0025
		chadmo		J N2	T AF	PLIC	VOLE
		552					
(\mathscr{B})							I
	~ 60 F	LAB SA	MPLES				
		MPLE AND	ALYSIS TIME		*		į
TANK Foot (BIE	×				ł
) أ أصور أ D.D. = PIT DEPRESSION; B.G. = BELOW GP:	1	CL					
.H. = TEST HOLE; ~ = APPROX.; T.B. = TA	NK BOTTOM	<i>्भिग</i> उ	JEN				
TRAVEL NOTES: CALLOUT: _			ONSITE:	1/17/05			
•				///	·	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·



Client:	Blagg / BP	Project #:	94034-010
Sample ID:	5-Pt Comp @ 51/21	Date Reported:	11-18-05
Laboratory Number:	35036	Date Sampled:	11-17-05
Chain of Custody No:	15106	Date Received:	11-17-05
Sample Matrix:	Soil	Date Extracted:	11-17-05
Preservative:	Cool	Date Analyzed:	11-18-05
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)	ND	0.1
Total Petroleum Hydrocarbons	ND	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:

Vandewart B2 Sep Pit.

Analyst C. G

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Rlagg / RP	Project #	94034-010
00	•	11-18-05
. •	•	11-17-05
	•	11-17-05
		11-17-05
	· · · · · · · · · · · · · · · · · · ·	11-17-05
Cool & Intact	Analysis Requested:	BTEX
	Blagg / BP 5-Pt Comp @ 5½' 35036 15106 Soil Cool Cool & Intact	5-Pt Comp @ 5½' 35036 Date Reported: Date Sampled: Date Received: Date Received: Date Analyzed: Cool Date Extracted:

	Det.		
	Concentration	Limit	
Parameter	(ug/Kg)	(ug/Kg)	
Benzene	2.2	1.8	
Toluene	22.5	1.7	
Ethylbenzene	24.5	1.5	
p,m-Xylene	21.4	2.2	
o-Xylene	6.6	1.0	
Total BTEX	77.2		

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:

Vandewart B2 Sep Pit.

Alecu C. Cerucas

Mister m Wallen
Review



Client:
Sample ID:
Lab ID#:
Sample Matrix:
Preservative:

Condition:

Blagg / BP 5-Pt Comp @ 51/2' 35036 Soil

Cool and Intact

Cool

Date Reported:
Date Sampled:
Date Received:
Date Analyzed:
Chain of Custody:

Project #:

11-17-05 11-17-05 11-18-05 15106

94034-010

11-18-05

Parameter

Concentration (mg/Kg)

Total Chloride

49.4

Reference:

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

Comments:

Vandewart B2 Sep Pit.

Analyst

hhister Madles
Review