District | 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

Form C-144 June 1, 2004 For drilling and production facilities, submit to appropriate NMOCD District Office
For downstream facilities, submit to Santa Fe

Oil Conservation Division Santa Fe, NM 87505 Pit or Below-Grade Tank Registration or Closure

1220 South St. Francis Dr. office

is pit of below-grade tan Type of action Registration of a pit o	or below-grade tank [] Closure of a pit or below-grade tank 🔀
Operator BP America Production Company Telephon	ne: <u>(505)326-9200</u> e-mail address.
Address 200 Energy Ct, Farmington, NM 87401	2005
Facility or well name NEAL COM # 2E API#: 30	0045 Z5893 U/L or Qtr/Qtr O Sec 14 T 31 NR 11 W
	Longitude NAD 1927 🗌 1983 🔀
Surface Owner Federal X State Private Indian	·
<u>Pii</u>	Below-grade tank
Type Drilling Production 🕱 Disposal 🗆	Volume:bbl Type of fluid
Workover	Construction material:
Lined 💆 Unlined 🗌	Double-walled, with leak detection? Yes If not, 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)
	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	No (O points)
water source, or less than 1000 feet from all other water sources.)	(o points)
Distance to surface water (horizontal distance to all wetlands, playas,	Less than 200 feet (20 points)
	200 feet or more, but less than 1000 feet (10 points)
rrigation canals, ditches, and perennial and ephemeral watercourses.)	1000 feet or more (0 points)
	Ranking Score (Total Points)
If this is a nut closure: (1) Attach a diagram of the facility showing the nit'	s relationship to other equipment and tanks (2) Indicate disposal location (check the onsite box if
	. (3) Attach a general description of remedial action taken including
	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 excaval	tions.
Additional Comments:	RCVD JUN13'07
See Attached Documentation	KOAD ORITO A I
	OIL CONS. DIV.
	RUIT A
	DIST. 3
Lhank and fight the information should be an advantage to the best	
has been/will be constructed or closed according to NMOCD guideline	of my knowledge and belief. I further certify that the above-described pit or below-grade tankes X , a general permit X , or an (attached) alternative OCD-approved plan X .
Date <u>11/01/2005</u>	
Printed Name/Title Jeffrey C. Blagg, Agent Signat	ture Jeffy C. Slegy
Your certification and NMOCD approval of this application/closure does r	not relieve the operator of liability should the contents of the pit or tank contaminate ground water or the operator of its responsibility for compliance with any other federal, state, or local laws and/or
Approval Deputy Oil & Gas Inspe Printed Name/Title District #3	ctor, Signature Date Date
	· v

CLIENT RP BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199 FIELD REPORT: PIT CLOSURE VERIFICATION PAGE NO:								
DATE STABLED SINGLE COME WELL # SE TYPE SEP. QUAD/UNITED SEC. 14 TRP, 710 ROG. 16.0 PMAND CNTY.ST ST AND EMPERORMANIAL SHECKED STORM SHECKED STORM SHECKED STORM SHECKED SHE	CLIENT: BP		87, BLO	OMFIELD,	NM 874			
QUAD/UNITED SEC. IN TWP FIN RNG: ILL PHAND CNTYSTST NM DTR/FIDITAGE SSOFEL 130 FEE DUSE CONTRACTOR RIGH DESERT - MERGIR EXCAVATION APPROX. AND FT X AND FT X AND FT DEEP. CUBIC YARDAGE. MA DISPOSAL FACILITY: EXCAVATION APPROX. AND FT X AND FT X AND FT X AND FT DEEP. CUBIC YARDAGE. MA DISPOSAL FACILITY: EXCAVATION APPROX. AND FT X AND FT X AND FT X AND FT DEEP. CUBIC YARDAGE. REMEDIATION METHOD: LEASE: \$ 76612 C	FIELD REPORT	Γ: PIT CI	LOSURE	VERIF	ICATION			
DISPOSAL FACILITY: ON-TITE REMEDIATION METHOD: CLOSE 93 IS LAND USE: RACE - ALL LEASE: SF 076 EC. 0 3 C4465 FORMATION: OK FIELD NOTES & REMARKS: PII LOCATED APPROXIMATELY 108 FT. NTSE FROM VELLHEAD. DEPTH TO GROUNDWATER 2100 NEAREST WATER SOURCE 21000 NEAREST SUBFACE VATER 21000 NEAREST SUBFACE NEAREST SUBFACE VATER 21000 NEAREST SUBFACE NEAREST SUB	l .							
DISPOSAL FACILITY: LEAND USE: LEASE: SF 076122 CA 5CR465 FORMATION: OK FIELD NOTES & REMARKS: DESCRIPTION: SOIL AND EXCAVATION DESCRIPTION: SOIL AND EXCAVATION DESCRIPTION: SOIL TYPE: SAMPLE STAND / SILTY SAND / SILTY SAND / SILTY SLITY CLAY / CLAY / GRAVEL, OTHER DESCRIPTION: SOIL TYPE: SOIL OLDR DESCRIPTION: DESCRIPTION: SOIL OLDR DESCRIPTION: DES						C & 15 //	RONMENTAL CIALIST	W
LAND USE: REMARKS: PIT LOCATED APPROXIMATELY DEPTH TO GROUNDWATER \$1000 NEAREST WATER SOURCE \$10000 NEAREST SURFACE VATER \$100000 NEAREST SURFACE VATER \$100000 NEAREST SURFACE VATER \$1000000 NEAREST SURFACE VATER \$1000000 NEAREST SURFACE VATER \$1000000000000000000000000000000000000	EXCAVATION APPROX	<i>√⊕</i> _ FT. x _ <i>∧</i>	<u>/A_</u> FT. x	<i>№A</i> FT.	DEEP. C	UBIC YA	RDAGE.	NA
LAND USE: REMARKS: PIT LOCATED APPROXIMATELY DEPTH TO GROUNDWATER \$1000 NEAREST WATER SOURCE \$10000 NEAREST SURFACE VATER \$100000 NEAREST SURFACE VATER \$100000 NEAREST SURFACE VATER \$1000000 NEAREST SURFACE VATER \$1000000 NEAREST SURFACE VATER \$1000000000000000000000000000000000000	DISPOSAL FACILITY:	0N-51TE		REMEDIA	ATION ME	THOD:	close A	2 (2
FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 108 FT. NTSE FROM WELLHEAD. DEPTH TO GROUNDVATER 2100 NEAREST VATER SOURCE: 21000 NEAREST SURFACE VATER 21000' NOTED RANKING SCORE: NAME OF THE CLOSURE STD. 5000 PM SOIL AND EXCAVATION DESCRIPTION: SOIL TYPE: SAND / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER SECRET (SANDSTONE) SOIL COLDEN. SOIL CLORE OF GRAV / SUBSTITUTE SOURCE STD. 5000 PM SOIL COLDEN. SOIL CLORE OF GRAVEL / OTHER SECRET (SANDSTONE) SOIL COLDEN. SOIL CLORE OF GRAVEL / OTHER SECRET (SANDSTONE) SOIL CLORES OF COLDESIVE / SILTY COHESIVE / COHESIVE / HIGHLY COHESIVE / COHESIVE / COHESIVE / COHESIVE / COHESIVE / SOILTS SILTS SILT	LAND USE: RANGE -	Bun	LEASE: 54	07622	CA 5CR465	FORMA'	TION:	OK
DEPTH TO GROUNDVATER: >100 NEAREST VATER SDURCE: >1000 NEAREST SURFACE VATER >1000 NEAREST SURFACE NEAREST NEA								
NMICED RANKING SCERE:								
SOIL AND EXCAVATION DESCRIPTION: SOIL TYPE: SAND / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / DTHER BEDROCK SANDSTONE) SOIL COLOR: SOIL CO								
DESCRIPTION: SOIL TYPE: SAND / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER BERKEY (SANDSTENE) SOIL TYPE: SAND / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER BERKEY (SANDSTENE) SOIL TYPE: SAND / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER BERKEY (SANDSTENE) SOIL TYPE: SAND / SILTY SAND / SILTY CLAY / CLAY / GRAVEL / OTHER BERKEY (SANDSTENE) SOIL TYPE: SAND / SILTY SAND / SILTY CLAY / CLAY / GRAVEL / OTHER BERKEY (SANDSTENE) SOIL TYPE: SAND / SILTY SAND / SILTY CLAY / CLAY / GRAVEL / OTHER BERKEY (SANDSTENE) SOIL TYPE: SAND / SILTY SAND / SILTY CLAY / CLAY / GRAVEL / OTHER BERKEY / GENESIVE / MEDIUM PLASTIC / HIGHLY PLASTIC / CONSISTENCY (NDN COHESIVE SOILS) MOISTURE. DRY / SLIGHTLY MOISD / MOIST / VET / SATURATED / SUPER SATURATED / SUPE					DVM CALI			
SOIL TYPE: SAND / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER BERKEY (SANDSTONE) SOIL COLOR	22 <u>- 224- 1 244- 1 1 244- 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 </u>	,11						
SCALE SCALE SOUR CHESIVY SERVEY SERVEY SERVEY SUBSTITED SUB		Λ Τ ΙΙΖ \ ΠΝΔ2	CHITY CLAY	/ CLAY / GE				
CONSISTENCY (NON COHESTVE SDILS): LOSS (TRD) DENSE / VERY	SOIL COLOR: OU	VE GRAY		BEDROCK	- LT. BROW	N.V.		<u> </u>
PLASTICITY (CLAYS) NON PLASTIC / SLIGHTLY PLASTIC / COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTIC BENEFITY (COHESIVE CLAYS & SILTS) SDFT / FIRM / STIFF / VERY STIFF / HARD CLASTED MOISTURE DRY / SLIGHTLY MOIST / WET / SATURATED / SUPER SATURATED / S						IGHLY, CDI	HEZIVE	1
MOISTURE DRY (SLIGHTLY MOIST) MOIST / VET / SATURATED / SUPER SATURATED / DISCOLLORATION / STAINING OBSERVED YES / ND EXPLANATION - WITHIN SAND VERY SIGHT) SAMPLE TYPE: GRAD / COMPOSITE - # DF PTS ADDITIONAL COMMENTS. Removed TANK PROF TO SAMPLE. SCALE SAMP. TIME SAMPLE I.D. LAB NO: WEIGHT (g) ML. FREON DILUTION READING CALC. ppm FIELD 418.1 CALCULATIONS SCALE SAMP. TIME SAMPLE I.D. LAB NO: WEIGHT (g) ML. FREON DILUTION READING CALC. ppm O FT PIT PERIMETER N OVM RESULTS SAMPLE REPORTSONCE 10 9 9.3 2 0 3 0 4 0 5 0 LAB SAMPLES SAMPLES SAMPLES SAMPLES LAB SAMPLES						PLASTIC /	' HIGHLY F	PLASTIC
DISCOLDRATION/STAINING OBSERVED YES AND EXPLANATION - HC ODDOR DETECTED TO NO EXPLANATION - WITHIN SAND YEARY SLEHT) SAMPLE TYPE: GRAD / COMPOSITE - # DF PTS. ADDITIONAL COMMENTS: REMOVED TANK PROR TO SAMPLING. TAMPED GEDACH SURFACE. SCALE SCALE SAMP. TIME SAMPLE I.D. LAB NO: WEIGHT (g) ML. FREON DILUTION READING CALC. ppm O FT PIT PERIMETER N OVM RESULTS SAMPLE PED HEADSPACE PROP 1997 S.S BERN SERV. A PPUCABLE LAB SAMPLES							105ED	
HC ODDR DETECTED: (ES) NO EXPLANATION - WITHIN SAND SURTY SAMPLE TYPE: (GRAD) COMPOSITE - # OF PTS. ADDITIONAL COMMENTS REMOVED TOWN PROOF TO SAMPLE. SAMPLE BEDACK SURFACE. BEROCK - VERY HARD SUBHTLY FRINGLE SCALE SAMP. TIME SAMPLE I.D. LAB NO: WEIGHT (g) ML. FREON DILUTION READING CALC. ppm OFT PIT PERIMETER N OVM RESULTS SAMPLE PROPRIED OVM RESULTS SAMPLE PROPRIED POPPING PROPRIED SOTOR APPLICABLE P.D. LAB SAMPLES SAMPLE SAMPLES SAMPLE PROPRIED NOT APPLICABLE					SUPER SATUR	RATED		
ADDITIONAL CHAMPENTS: Removed TANK PROR TO SAMPLE. SCALE SOFTOM FIELD 418.1 CALCULATIONS SCALE SAMP. TIME SAMPLE I.D. LAB No: WEIGHT (g) ML. FREON DILUTION READING CALC. ppm OFT PIT PERIMETER N OVM RESULTS SAMPLE PROPRIE PO (pm) 1 @ 9 ' 9.8 2 @ 3 @ 4 @ 5 @ NOT APPLICABLE P.D. LAB SAMPLES NOT APPLICABLE	HC ODOR DETECTED: YES	NO EXPLANAT	TION - WITHI		CTHOLE Y			
BERNOCK - VERY HARD SLIGHTLY FRABLE FIELD 418.1 CALCULATIONS SCALE SAMP. TIME SAMPLE I.D. LAB NO: WEIGHT (g) ML. FREON DILUTION READING CALC. ppm OFT PIT PERIMETER OVM RESULTS SAMPLE 1D (ppm) 1 @ 9' 8.8 2 @ 5 @ 5 @ 5 @ 5 @ 5 @ 5 @ 5 @ 5 @ 5 @	SAMPLE TYPE: GRAB / CD	MPOSITE - # OF	PTS	5 SAMPUN	e sam	pued Bi	edrock s	surfact.
FIELD 418.1 CALCULATIONS SCALE SAMP. TIME SAMPLE I.D. LAB NO: WEIGHT (g) ML. FREON DILUTION READING CALC. ppm OFT PIT PERIMETER OVM RESULTS SAMPLE FELD HEADSTACE PRO (ppm) 1 @ 9 9.18 2 @ 3 @ 4 @ 5 @ 3 @ 4 @ 5 @ 3 @ 4 @ 5 @ 9 & 5 & 5 & 6 & 6 & 6 & 6 & 6 & 6 & 6 & 6	BEDROCK RE							
SCALE SAMP. TIME SAMPLE I.D. LAB No: WEIGHT (g) ML. FREON DILUTION READING CALC. ppm PIT PERIMETER OVM RESULTS SAMPLE FIED HEADSPACE PID (gpm) 1 @ 9 9.88 2 @ 3 @ 4 @ 5 @ 9 A PPINCABLE P.D. LAB SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES SAMPLES LAB SAMPLES	BOHOM		E II	ID 4101 C4	U CIII ATION	C		
O FT PIT PERIMETER N OVM RESULTS SAMPLE FIELD HEADSPACE 10 10 10 10 10 10 10 1	SCALE SAMP TI	ME SAMPLE ID					READING	CALC nom
PIT PERIMETER NOVM RESULTS SAMPLE FIELD HEADSPACE PID (ppm) 1 @ 9' 8.8 2 @ 3 @ 4 @ 5 @ 5 @ 5 @ 5 @ 5 @ 5 @ 5 @ 5 @ 5	JAWIT. 11	WILL STATE LE T.D.	D.D. 110.	11210111 (9)		DILOTION	TABABITO .	CALC. PPIN
P.D. WESULTS SAMPLE FIELD HEADSPACE PID (ppm) 1 @ 9 / 8.8 2 @ 3 3 @ 4 @ 5 5 @ NOT APPLICABLE	0 FT							
P.D. WESULTS SAMPLE FIELD HEADSPACE PID (ppm) 1 @ 9 / 8.8 2 @ 3 3 @ 4 @ 5 5 @ NOT APPLICABLE	PIT PERIM	ETER N			F	PIT PI	ROFILE	Ţ
P.D. BERN								
P.D. BERN		a.		2 44.5	-			
P.D. BERN	RETAININE	FORMER WATION	ID ID	PID (ppm)				
P.D. APPLICABLE P.D. SAMPLES SAMPLES SAMPLES	worker	1 BOTTOM R.G.	2 6					
P.D. LAB SAMPLES SA	BERM		4 @		_			
P.D. LAB SAMPLES SAMPLE BUSINESS	W	71 (5 @					
~ 5.5 LAB SAMPLES		11 17'			7 70	T API	PHCABLE	Ę
~ 5.5 LAB SAMPLES		11 1						
~ 5.5 LAB SAMPLES								
SAMPL MANAGE TOUT								
De9 TPH(80158) 1355	8.6.	7	ID A		_			

PD = PIT DEPRESSION, BG. = BELOW GRADE

TH = TEST HOLE; ~ = APPROX.; B = BELOW

TRAVEL NOTES: CALLOUT. 5/15/02 - MORN. ONSITE: 5/15/02 - AFTER.



EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	1 @ 9'	Date Reported:	05-19-02
Laboratory Number:	22740	Date Sampled:	05-15-02
Chain of Custody No:	9902	Date Received:	05-16-02
Sample Matrix:	Soil	Date Extracted:	05-17-02
Preservative:	Cool	Date Analyzed:	05-19-02
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:

Neal Com #2E Separator Pit Grab Sample.

Analyst C. Officer

Mistre of Walters
Review

District I

District 11

District III

PO Box 1980 Hobbs, NM

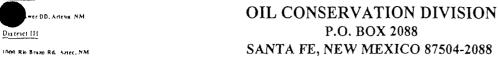
State of New Mexico

SUBMIT I COPY TO APPROPRIATE

DISTRICT OFFICE AND I COPY TO

SANTA FE OFFICE

Energy, Minerals and Natural Resources Department



PIT REMEDIATION AND CLOSURE REPORT

Operator: BP AMERICA PRODUCTION CO.	Telephone: (505) 326-9200								
Address: 300 AMOCO COURT, FARMINGTON, NM 87401									
Facility or Well Name: Neal Com # 28									
Location: Unit or Qtr/Qtr SecO Sec_14	TBIM RIIW County San Juan								
Pit Type: Separator Dehydrator Other Awan	idomed I								
Land Type: BLM X, State , Fee , Oth	ner								
Pit Location: Pit dimensions: length_ (Attach diagram)	NA , width NA , depth NA								
	, other								
Footage from reference:	83 '								
 	13 Degrees East North of								
	West South								
Depth To Groundwater: (Vertical distance from contaminants to seasonal high water elevation of groundwater)	Less than 50 feet (20 points) 50 feet to 99 feet (10 points) Greater than 100 feet (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 (20 points) No (0 points)								
Distance To Surface Water: (Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, trrigation canals and ditches)	Less than 100 feet (20 points) 100 feet to 1000 feet (10 points) Greater than 1000 feet (0 points)								
	RANKING SCORE (TOTAL POINTS): 0								
revised 03/27/02	bei1202 wpd								

Date Remediation Sta	arted:		Dat	e Completed:	5-15-02
emediation Method:	Excavation	n <u>X</u>	Арр	prox. cubic yards _	NA NA
(Check all appropriate sections)	Landfarme	ed	Insi	tu Bioremediation _	
	Other	CLOSE AS IS.	·		
Remediation Location (i.e. landfarmed onsite, name and location of offsite facility)	n: Onsite <u>\</u>	Offsite			
General Description	of Remedial Actio	n: <u>Excavation</u>	Test hole	e advanced. No 1	remediation necessary.
Bedrock Bi	other				
		-			
Groundwater Encoun	itered: No	X Yes	Depth		
Final Pit Closure Sampling:	Sample location	see Attached Doo	euments		
(if multiple samples, attach sample results	Sample denth	(6)	(Test b	iole hottom)	
and diagram of sample locations and depths)		5-13-02			
	Sample Results	<u> </u>		inpic time	
	Soil: Benzene	(mnm)		Water: Benzene	e (ppb)
	Total BTH			Toluene	
	Field Hea	11.	.0.0	Ethylbe	
	TPH		ND	•	Sylenes (ppb)
Groundwater Sample		Yes No	X	(If yes, attach	
Groundwater Sample	•	10310		(II yes, attach	sample results)
I HEREBY CERTIFY KNOWLEDGE AND		ORMATION ABOV	E IS TRUE	AND COMPLETI	E TO THE BEST OF MY
DATE 5-15	-02	PRINTED	NAME	Jeffrey C. Blag	gg
SIGNATURE	My C C	SLSC AND TITE	Æ]	President P	.E. # 11607

CHAIN OF CUSTODY RECORD



Client / Project Name BLAGE / L	вР		Project Location	ABANOO Com	160 PM # 25	(I)	ANALYSIS / PARAMETERS										
Sampler:	/		Client No. 94834-				No. of Containers	TPH						***	emarks		
Sample No./ Identification	Sample Date	Sample Time	Lab Number		Sample Matrix		Cont	(20128)						PRESSIO GLAB :	væ Samf	CO	>L
De6'	5/13/02	1140	22721	5	OL			/				-					
																	
																 -	
																<u> </u>	
Relinquished by: (Signatu	V	,		Date 5/13/0ス	Time /4/6			(Signatur	۲.۱	al	ب	<u></u>		j.	Date 13/02	1	me (6
Relinquished by: (Signatu	ire)					Receive	ed by: ((Signatur	e)								
Relinquished by: (Signatu	ire)					Receive	ed by: ((Signatur	e)								
				ENV	IRO	ΓΕС	川	INC	<u>ン.</u>					Sample F			
					796 U.S								Recei	ved Intact	Y	N	N/A
				Farmington, New M (505) 632-0				87401					Cool - I	ce/Blue Ice	<u>-</u>		



EPA Method 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Quality Assurance Report

0.2

Client:	QA/QC		Project #:		N/A
Sample ID:	05-15-TPH C	QA/QC	Date Reported:		05-15-02
Laboratory Number:	22717		Date Sampled:		N/A
Sample Matrix:	Methylene Chl	oride	Date Received:		N/A
Preservative:	N/A		Date Analyzed:		05-15-02
Condition:	N/A		Analysis Reques	ted:	TPH
Gasoline Range C5 - C10	I-Cal Date 04-25-02	1-Cal RF: 2.7355E-002	C-Cal RF: 2.7328E-002	% Difference	Accept: Range
Diesel Range C10 - C28	04-25-02	2.4557E-002	2.4508E-002	0.20%	0 - 15%
Blank Conc. (mg/L - mg/k	(g)	Concentration	o South and the community	Detection Lin	nit.
Gasoline Range C5 - C10		ND		0.2	
Diesel Range C10 - C28		ND		0.1	

Duplicate Conc. (mg/Kg)	Sample	Duplicate :	% Difference	Accept Range
Gasoline Range C5 - C10	1,570	1,570	0.0%	0 - 30%
Diesel Range C10 - C28	7 520	7 500	0.3%	0 - 30%

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	:::Accept: Range
Gasoline Range C5 - C10	1,570	250	1,820	100.0%	75 - 125%
Diesel Range C10 - C28	7.520	250	7.760	100.0%	75 - 125%

ND

ND - Parameter not detected at the stated detection limit.

Total Petroleum Hydrocarbons

References:

Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste,

SW-846, USEPA, December 1996.

Comments:

QA/QC for samples 22717 - 22723, 22726 - 22728.

Analyst

Review

District !

P O Bos 1980 Hobbs NM

State of New Mexico

Energy, Minerals and Natural Resources Department

BO967 SUBMIT 1 COPY TO APPROPRIATE DISTRICT OFFICE AND 1 COPY TO

SANTA FE OFFICE



1000 Rio Brazo Rd. Aztec, NM

OIL CONSERVATION DIVISION P.O. BOX 2088 SANTA FE, NEW MEXICO 87504-2088

PIT REMEDIATION AND CLOSURE REPORT

Operator: BP AMERIC	A PRODUCTION CO.	T	Telephone: (505) 326-9200
Address: 300 AMOCO	COURT, FARMINGTON	N, NM 87401	
Facility or Well Name: Ne	al Com #2E		
Location: Unit or Qtr/Qtr So		T31h R11W Count	y San Juan
	DehydratorOther_Blow		
		ier	
Balld Type. BEM A., C	, T ee, Ott		
Pit Location:	Pit dimensions: length	NA, width NA	A, depthNA
(Attach diagram)	Reference: wellhead X	_, other	
	Footage from reference:	87'	
	Direction from reference:	37 Degrees	East North
			West South
Depth To Groundwater: (Vertical distance from contaminants to seasonal high water elevation of groundwater)	`	Less than 50 feet 50 feet to 99 feet Greater than 100 feet	(20 points) (10 points) (0 points)0
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)0
Distance To Surface Water (Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)	:	Less than 100 feet 100 feet to 1000 feet Greater than 1000 feet	(20 points) (10 points) (0 points)
rouged: 03/27/02		RANKING SCORE (TOT.	
revised: 03/27/02			bei1202 wpd

Date Remediation Sta	arted:			Date Completed:	5-19	-02		
emediation Method:	Excavatio	n <u>X</u>				NA		
(Check all appropriate sections)	Landfarm	ed		Insitu Bioremediat	ion			
	Other	CLOSE A	S IS.					
Remediation Location (i.e. landfarmed onsite, name and location of offsite facility)	: Onsite	C Offsite _						
General Description	of Remedial Actio	on: <u>Excav</u>	ation. Tes	t hole advanced.	No remedi	ation necessary.		
Bedrock Pe	ottom. Ris	K ASSESSEI) .					
Groundwater Encoun	tered: No	X Yes _	Dept	h				
inal Pit Closure Sampling:	Sample location	see Attach	ed Document	s				
(if multiple samples, attach sample results	-	<u>-</u> 1						
and diagram of sample locations and depths)	Sample depth			est hole bottom)				
	Sample date	5 15 0	<u> </u>	_ Sample time _ (2	£10	-		
	Sample Results			_				
	Soil: Benzene	(ppm) <u>0,03</u>		enzene	(ppb)		
	Total BT	`	ppm) <u>1.4</u>		oluene	(ppb)		
	Field Hea		ppm) <u>33</u>		hylbenzene	(ppb)		
	TPH	(ppm) <u>93</u> 2	<u>×</u> 0 To	otal Xylenes	(ppb)		
Groundwater Sample	:	Yes	No X	(If yes, at	ttach sample	results)		
I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF								
DATE 5-19-	0>	PRI	NTED NAM	E <u>Jeffrey C.</u>	Blagg			
SIGNATURE	MCC	565C AND	TITLE	President	P.E. #	11607 beil202 wpd		
Location Valenda /						1×11×0× Wpa		

District I

State of New Mexico Energy, Minerals and Natural Resources Department R0967

SUBMIT I COPY TO APPROPRIATE DISTRICT OFFICE

AND I COPY TO SANTA FE OFFICE



1000 Rin Brizo Rd., Artec. NM

OIL CONSERVATION DIVISION P.O. BOX 2088 SANTA FE, NEW MEXICO 87504-2088

PIT REMEDIATION AND CLOSURE REPORT

Operator: BP AMERIC	A PRODUCTION CO	Tel	lephone: (505) 326-9200
•			replicate: (303) 320 7200
Facility or Well Name:	COURT, FARMINGTON	1, [11] 07401	
Location: Unit or Qtr/Qtr S	ec Sec_[4_	T 31 R 11 ω County	San Juan
Pit Type: Separator I	Dehydrator Other		
Land Type: BLM <u>X</u> ,	State, Fee, Oth	ner	
Pit Location: (Attach diagram)	Pit dimensions: length	NA, width NA	, depthNA
(Attach diagram)	Reference: wellhead X		
	Footage from reference: _	108'	
	Direction from reference:	78 Degrees	East North
			West South
Depth To Groundwater: (Vertical distance from contaminants to seasonal high water elevation of groundwater)		Less than 50 feet 50 feet to 99 feet Greater than 100 feet	(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) <u>0</u>
Distance To Surface Water (Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, urrigation canals and ditches)	. :	Less than 100 feet 100 feet to 1000 feet Greater than 1000 feet	(20 points) (10 points) (0 points)0
		RANKING SCORE (TOTA	L POINTS):0_
revised: 03/27/02			bei1202 wpd

Date Remediation Sta	arted:			D	ate Completed	1:5-1	9-07
emediation Method:	Excavat	ion X		A	pprox. cubic y	ards	NA
(Check all appropriate sections)	Landfari	med		Ir	nsitu Bioremedi	ation	
	Other _	CLOS	E AS IS.				
Remediation Location (i.e. landfarmed onsite, name and location of offsite facility)	: Onsite _	X Offsi	te				
General Description	of Remedial Act	tion: <u>Ex</u>	<u>cavation.</u>	Test ho	ole advanced	. No remedi	ation necessary.
Bedrock Foot	ton				-		
l						·	
Groundwater Encoun	tered: N	o <u>X</u> Y	es	Depth _			
Final Pit Closure Sampling:	Sample location	n <u>see Att</u>	ached Doc	cuments			
attach sample results and diagram of sample	Sample depth _	91		(Test	hole bottom)	
locations and depths)	Sample date						
	Sample Results						
	Soil: Benzene		(ppm)		Water:	Benzene	(ppb)
	Total B		(ppm)			Toluene	(ppb)
		eadspace		8.8		Ethylbenzene	(ppb)
	ТРН	caaspace	(ppm)			Total Xylenes	
Groundwater Sample		Yes		X		attach sample	
Groundwater Sample	•	103	_ 110		(II yes,	attach sample	resurts)
I HEREBY CERTIFY KNOWLEDGE AND		(FORMATIO	ON ABOV	E IS TRU	JE AND COM	PLETE TO T	HE BEST OF MY
DATE 5-19-	-02		PRINTED	NAME _	Jeffrey C.	. Blagg	
SIGNATURE	/				President		11607
revised: 03/27/02 /							bei1202.wpd

CHAIN OF CUSTODY RECORD

0990

Client / Project Name	- ^		Project Location					ANALYCIC / E	ADAMETERO			
BLAGG	BP		NEAL C	om # 2E	:	ANALYSIS / PARAMETERS						
Sampler:			Client No.		v				R	emarks	 }	
VIV	(94034	-010	No. of	TPH,	BTEX		Para		1	
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Lab Number Sample Matrix			ВТЕ× (8021В))	PRESER GRAB:	5BM	RE	3 <i>L</i> :S
009'	5/15/02	1355	. 2 ⊇746	501L	1	/			SEPARAT			
De7'	5/15/02	1410	22741	501L	/	/	1		Busw.	PIT		
Relinquished by: (Signatu	re)			Date Time 5/16/02 0708	Received by:	(Signatu	ire) L. (De La La		Date		me d}
Relinquished by: (Signatu	re)				Received by:	(Signatu	ıre)	V				
Relinquished by: (Signatu	re)				Received by:	(Signatu	ıre)					
				ENVIROT	ECH	In	C.		Sample R	eceipt	·	
				•	Highway (Received Intact	Y	N	N/A
				Farmington, No	ew Mexico		1			V		\dashv
			(505) 632-0615					Cool - Ice/Blue Ice			. 1	



EPA Method 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	05-19-TPH QA/QC	Date Reported:	05-19-02
Laboratory Number:	22740	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	05-19-02
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	FCal RF:	C-Cal RF:	% Difference	Accept: Range
Gasoline Range C5 - C10	04-25-02	2.7355E-002	2.7328E-002	0.10%	0 - 15%
Diesel Range C10 - C28	04-25-02	2.4557E-002	2.4508E-002	0.20%	0 - 15%

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
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 22740 - 22746, 22755 - 22756.



EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Project #: QA/QC Date Reported: Date Sampled: Date Received: Date Analyzed: Analysis:	N/A 05-19-02 N/A N/A 05-19-02
Analysis:	BTEX
	QA/QC Date Reported: Date Sampled: Date Received: Date Analyzed:

Calibration and	-I-Căl RF:	C-Cal RF: Accept. Rang	%Diff: je 0 - 15%	Blank Conc	
Benzene	6.9839E-002	7.0049E-002	0.3%	ND	.0.2
Toluene	5.0724E-002	5.0825E-002	0.2%	ND	0.2
Ethylbenzene	8.2086E-002	8.2333E-002	0.3%	ND	0.2
p,m-Xylene	7.1064E-002	7.1278E-002	0.3%	ND	0.2
o-Xylene	6 2661E-002	6 2787E-002	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample D	uplicate	%Diff.	Accept Range	Detect. Limit
Benzene	31.7	30.8	2.8%	0 - 30%	1.8
Toluene	200	194	3.3%	0 - 30%	1.7
Ethylbenzene	140	135	3.2%	0 - 30%	1.5
p,m-Xylene	587	569	3.1%	0 - 30%	2.2
o-Xylene	512	499	2.6%	0 - 30%	1.0

Spike Conc. (ug/Kg)	Sample Amo	ount Spiked Spik	ed Sample	% Recovery	Accept Range
Benzene	31.7	50.0	81.6	99.9%	39 - 150
Toluene	200	50.0	250	99.9%	46 - 148
Ethylbenzene	140	50.0	189	99.9%	32 - 160
p,m-Xylene	587	100	687	100.0%	46 - 148
o-Xylene	512	50.0	562	100.0%	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 22741 - 22746.

Analyst