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State of New Mexico Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION P.O. BOX 2088

SANTA FE, NEW MEXICO 87504-2088



PIT REMEDIATION AND CLOSURE

	JU 64.	5-67600		
Operator: BP AMERIC	CA PRODUCTION CO.	Т	elephone: (505)	326-9200
Address: 200 ENERG	Y COURT, FARMINGTO	N. NM 87401		
Facility or Well Name:		#162		
Location: Unit or Qtr/Qtr	Sec Sec Sec	Tagn R 12W Count	y San Juan	
Pit Type: Separator	DehydratorOther_Bloom	ω		
KAG	State, Fee, Oth			
Pit Location: (Attach diagram)	Pit dimensions: length	NA , width NA	, depti	h NA
(Attach diagram)	Reference: wellhead X	, other		
	Footage from reference:	87'		
	Direction from reference:	49 Degrees	East North	
			of West South	
Depth To Groundwater:		Y 4b 50 64	(0.0	1/6/
(Vertical distance from		Less than 50 feet 50 feet to 99 feet	(20 points) (10 points)	20 KAU
bigb water elevation of groundwater)		Greater than 100 feet	(0 points)	
, , , , , , , , , , , , , , , , , , ,				
Wellhead Protection Ares (Less than 200 feet from a private	:	Yes No	(20 points) (0 points)	0
domestic water source, or; less than 1000 feet from all other water sources)		110	(o points)	
D'				
Distance To Surface Wate (Horizonal distance to perennial	er:	Less than 100 feet 100 feet to 1000 feet	(20 points) (10 points)	10 KACI
lakes, ponds, rivers, streams, ereeks, irrigation canals and ditches)		Greater than 1000 feet		
		DANGE COOK		30 KAG
revised: 09/11/02		RANKING SCORE (TOT	AL POINTS):	
				hai1202

Blow PH Bligo

Date Remediation Sta	rted:	Date Completed:	12-3-02
Remediation Method:	Excavation X	Approx. cubic yards _	NA
(Check all appropriate sections)	Landfarmed	Insitu Bioremediation	
	OtherCLOSE AS IS		
Remediation Location: (i.e. landfarmed onsite, name and location of offsite facility)	Onsite X Offsite		
General Description o	f Remedial Action: Excavation	i. Test hole advanced. No	remediation necessary.
Groundwater Encoun	tered: No X Yes	Depth	
Final Pit Closure Sampling: (If multiple samples,	Sample locationsee Attached D	ocuments	
attach sample results and diagram of sample	Sample depth 8'	(Test hole bottom)	
locations and depths)	Sample date 12-2-02		3
	Sample Results		
	Soil: Benzene (ppm	Water: Benzer	ne (ppb)
	Total BTEX (ppm	Toluer	ne (ppb)
	Field Headspace (ppm	0.0 Ethylb	enzene (ppb)
	TPH (ppm	Total :	Xylenes (ppb)
Groundwater Sample	: Yes No	X (If yes, attach	sample results)
I HEREBY CERTIFY KNOWLEDGE AND	THAT THE INFORMATION ABO BELIEF	VE IS TRUE AND COMPLET	E TO THE BEST OF MY
DATE 12-3	-02 PRINTE	D NAME <u>Jeffrey C. Bla</u>	gg
SIGNATURE	My C 365GAND TI	TLE <u>President</u>	
——————————————————————————————————————			beil202 wpd

•	VAL		30045	507668		36	6.68146	108,04736
BLAG		GG ENGINEERING, INC. 87, BLOOMFIELD, NM 87413		13	LOCATION NO	81106		
	·		505) 632		, 14111 074		COCR NO:	10288
FIELD REP	ORT:	PIT CL	OSURE	VERIF	CATIO	N	PAGE No:	/ of _/
LOCATION: NAME:							DATE STARTED: DATE FINISHED:	12/2/02
QUAD/UNIT: J SEC							ENVIRONMENTAL	
QTR/FOOTAGE: Z15							SPECIALIST:	~~
EXCAVATION AP								\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
DISPOSAL FACILITY:				REMEDIA				
LANDUSE: <u>LANG</u> FIELD NOTES & R	E / K=3	.						
				MATELY 8				
DEPTH TO GROUNDWATER		•		>1000'	_	URFAC	E WATER:	1000
NMOCO RANKING SCORE:	30	. NMOCD TPH						
SOIL AND EXCA	VATION	DESCRIPT	ION: ELEL	s. 5451'			= 5/_8 ppr	
					TIME:		pm DATE:	,
SOIL TYPE: SAND SIL	LTY SAND /	SILT / SILTY O	BAY/CLAY/	GRAVEL / OTH	ER			
COHESION (ALL OTHERS):	MON COHE	SIVE SLIGHTLY	COHESIVE / CO		COHESIVE			
CONSISTENCY (NON COHE PLASTICITY (CLAYS): NON	ESIVE SOILS; LPLASTIC / S	SLIGHTLY PLAST	DENSE / VERY	DENSE		_		
DENSITY (COHESIVE CLAY	'S & SILTS):	SOFT / FIRM / STI	FF / VERY STIFF	/ HARD	nionti PLASII	C		
MOISTURE: DRY / SLIGHT	LY MOIST M	OIST / WET / SAT	URATED / SUPER	R SATURATED			CL	OSED
DISCOLORATION/STAINING HC ODOR DETECTED: YES	S AND EXPL	HATION .	CANATION .					
SAMPLE TYPE: GRABYCO	MPOSITE . #	OF PTS						
ADDITIONAL COMMENTS:							· - · · <u>· · · · · · · · · · · · · · · · ·</u>	
SCALE 5	\(\frac{1}{2}\) \(\frac{1}2\) \(\frac{1}2\) \(\frac{1}2\) \(\frac{1}2\) \(\frac{1}2\) \(\frac{1}2\) \(\frac{1}2\) \(\frac{1}2\) \(\frac{1}2\)		7	LD 418.1 CALC				
SCALE SA	MP. TIME	SAMP. ID	LAB NO.	WEIGHT (g)		DILU	TIONREADIN	G CALC. (ppm)
SCALE SA	MP. TIME	SAMP. ID	7	T		DILU	TIONREADIN	G CALC. (ppm)
🗀			7	T				
0 FT PER			LAB NO.	WEIGHT (g)			TION READIN	
PIT PER			LAB NO.	WEIGHT (g) VM DING				
0 FT PER			COREA SAMPLE	WEIGHT (g) VM DING FIELD HEADSPACE (PPM)				
PIT PER	IMETE		COREA SAMPLE ID 1 @ 5' 2 @	WEIGHT (g) VM OING FIELD HEADSPACE				
PIT PER	IMETE		COREA SAMPLE ID 1 @ 5"	WEIGHT (g) VM DING FIELD HEADSPACE (PPM)				
PIT PER	IMETE	R 1/N	COREA SAMPLE ID 1 @ 8' 2 @ 3 @	WEIGHT (g) VM DING FIELD HEADSPACE (PPM)	mL FREON	P	IT PROFI	LE
PIT PER	IMETE	R 1/N	COREA SAMPLE ID 1 @ 8' 2 @ 3 @ 4 @	WEIGHT (g) VM DING FIELD HEADSPACE (PPM)	mL FREON			LE
PIT PER	IMETE	R 1/N	COREA SAMPLE ID 1 @ 8' 2 @ 3 @ 4 @	WEIGHT (g) VM DING FIELD HEADSPACE (PPM)	mL FREON	P	IT PROFI	LE
PIT PER	IMETE	R 1/N	COREA SAMPLE ID 1 @ 8' 2 @ 3 @ 4 @	WEIGHT (g) VM DING FIELD HEADSPACE (PPM)	mL FREON	P	IT PROFI	LE
O FT PIT PER	IMETE!	R 1/N	C REA SAMPLE ID 1 @ 5' 2 @ 3 @ 4 @ 5 @ 5 @	WEIGHT (g) VM OING FIELD HEADSPACE (PPM)	mL FREON	P	IT PROFI	LE
O FT PIT PER	IMETE	R 1/N	LAB NO. REA SAMPLE ID 1 @ 5' 2 @ 3 @ 4 @ 5 @ LAB SAMPLE ID LAB SAMPLE ID LAB SAMPLE ID LAB SAMPLE ID AND ID AN	WEIGHT (g) VM DING FIELD HEADSPACE (PPM) O D AMPLES HALYSIS TIME	mL FREON	P	IT PROFI	LE
PIT PER TOUR TANK LOC. T. B. ~ G'	IMETE!	R 1/N	LAB NO. OREA SAMPLE ID 1 @ 8' 2 @ 3 @ 4 @ 5 @ LAB S/ AMPLE AN OR 8 TEN	WEIGHT (g) VM OING FIELD HEADSPACE (ppm) OOO AMPLES IALYSIS TIME (POISE) 1353	mL FREON	P	IT PROFI	LE
PIT PER PIT PER TO WEED TO	P.O.	T.H. ~ 2' 8.T.B.	LAB NO. OREA SAMPLE ID 1 @ 8' 2 @ 3 @ 4 @ 5 @ 5 @ 5 @ 5 @ 5 @ 5 Teh	WEIGHT (g) VM DING FIELD HEADSPACE (PPM) O D AMPLES HALYSIS TIME	mL FREON	P	IT PROFI	LE
PIT PER TOUR TANK LOC. T. B. ~ G'	P.O.	T.H. 2' 8.T.B.	LAB NO. OREA SAMPLE ID 1 @ 8' 2 @ 3 @ 4 @ 5 @ 5 @ 5 @ 5 @ 5 @ 5 Teh	WEIGHT (g) VM OING FIELD HEADSPACE (ppm) OOO AMPLES IALYSIS TIME (POISE) 1353	mL FREON	P	IT PROFI	LE
FORMER TANK LOE T. 8 ~ 6' B. 6. P.O. * PIT DEPRESSION: B.G. T.H. * TEST HOLE: - * APPRO	P.O. AG' B.G. BELOW GR DX.; T.B. = TAV	T.H. 2' 8.T.B.	LAB NO. REA SAMPLE ID 1 @ 8' 2 @ 3 @ 4 @ 5 @ 5 @ 5 @ 5 @ 5 @ 5 Teh	WEIGHT (g) VM OING FIELD HEADSPACE (ppm) OOO AMPLES IALYSIS TIME (POISE) 1353	mL FREON	P	APPULA	LE



EPA METHOD 8015 Modified Nonhalogenated Volatile Organics **Total Petroleum Hydrocarbons**

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	1 @ 8'	Date Reported:	12-03-02
Laboratory Number:	24348	Date Sampled:	12-02-02
Chain of Custody No:	10288	Date Received:	12-02-02
Sample Matrix:	Soil	Date Extracted:	12-03-02
Preservative:	Cool	Date Analyzed:	12-03-02
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: GCU Com F #162 Blow Pit Grab Sample.

Analyst