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

State of New Mexico Energy Minerals and Natural Resources

Oil Conservation Division

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

For downstream facilities, submit to Santa Fe

Form C-144

June 1, 2004

1220 South St. Francis Dr. office Santa Fe, NM 87505

	ade Tank Registration or Clos		
Is pit or below-grade tan	k covered by a "general plan"? Yes 🔀 N	To 🗍	
Type of action: Registration of a pit of	or below-grade tank \(\bigcap\) Closure of a pit or below-g	grade tank 🔀	
Operator: BP America Production Company Telephor	ne:(505)326-9200e-mail address:		
Address: 200 Energy Ct, Farmington, NM 87401			
Facility or well name: HEATON A # API #:	3004523442 U/LorQtr/Qtr_ /	1 Sec 30 T	31 N R 11 W
County: San Juan Latitude	Longitude	NAD: 19	27 🔲 1983 🔀
Surface Owner: Federal 🗌 State 🔲 Private 🔀 Indian 🗍			
Pit	Below-grade tank		
Type: Drilling Production Disposal	Volume:bbl Type of fluid:		RCVD NOV17'06
Workover	Construction material:		OIL CONS. DIV.
Lined Unlined	Double-walled, with leak detection? Yes If	not, explain why not.	
Liner type: Synthetic Thicknessmil Clay _			DIST. 3
Pit Volumebbl			
De la completa del completa de la completa del completa de la completa del la completa de la completa del la completa de la completa de la completa del la completa de la completa de la completa del la completa	Less than 50 feet	(20 points)	
Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.)	50 feet or more, but less than 100 feet	(10 points)	6
nigh water elevation of ground water.	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)	0
water source, or less than 1000 feet from an other water sources.	Less than 200 feet	(20 ======	
Distance to surface water: (horizontal distance to all wetlands, playas,		(20 points)	
tion canals, ditches, and perennial and ephemeral watercourses.)	200 feet or more, but less than 1000 feet	(10 points)	0
	1000 feet or more	(0 points)	
	Ranking Score (Total Points)		8
f 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	icate disposal location: (check the onsite box if
your are burying in place) onsite 🛛 offsite 🔲 If offsite, name of facility_	(3) Attach a genera	l description of remedial	action taken including
emediation start date and end date. (4) Groundwater encountered: No			
5) Attach soil sample results and a diagram of sample locations and excavat	tions.		•
Additional Comments:			
See Attached Documentation			
		· · · · · · · · · · · · · · · · · · ·	
,			
I hereby certify that the information above is true and complete to the best	of my knowledge and belief. I further certify tha	t the above-described pit	or below-grade tank
has been/will be constructed or closed according to NMOCD guideline	s 🔀, a general permit 🔲, or an (attached) alter	native OCD-approved pl	an □.
Date: 11/01/2005	1.		
Printed Name/Title	ure July C. Slig	>	
Your certification and NMOCD approval of this application/closure does n	ot relieve the operator of liability should the conten	ts of the pit or tank contact	minate ground water or
otherwise endanger public health or the environment. Nor does it relieve the regulations.	he operator of its responsibility for compliance with	any other federal, state, o	r local laws and/or
roval: DEPUTY OIL & GAS INSPECTOR, DIST.	~ 1 NM		NOV 1 7 2000
Printed Name/Title	Signature DSA & All	Date:	T 1 2000
			i i

CLIENT: BF	F		OX 8	7, BLO	INEERING OMFIELD, 632–119		113	C.O.C. NO: 980	1
FIELD R	EPORT:	PIT	CLC	SURE	E VERIF	ICATION	V PA	AGE No: of _	
LOCATION: NAM	IE: HEATON	A	W	ELL #:	TYPE	5EP.		ATE STARTED: 3/20/0	
QUAD/UNIT: M	SEC: 30	TWP: 3	<u>اما</u> R	NG: 11w	PM: NM C	NTY: ZJ ST:r	JW(ATE FINISHED:	
QTR/FOOTAGE								PECIALIST: NV	
EXCAVATION APP	PROX. 17	FT. x	בנ_ :	FT. x	FT.	DEEP. CU	UBIC Y	ARDAGE: 75	
l .								LANOFARM	
LAND USE: K	ANGE		L	EASE: 4	5mR 149	a (FEE)	FORM.	ATION: DR	
FIELD NOTES	& REMARI							8E FROM WELLH	HEAD.
DEPTH TO GROUND	/ATER: >100						URFACE V	WATER: >1000'	-
NMOCD RANKING SCI	DRE:	NMOCD	TPH CL	LOSURE STI	5000 PP				
SOIL AND EX	CAVATION					1		53.0 ppm	0.50
DESCRIPTION	·	=						= 100 ppm RF = pm DATE: 3/20/07	
SOIL TYPE: SAND	SILTY SA	ND / SII	LT / SI	ILTY CLAY	/ CLAY / G				
SOIL COLOR:	MED.	CUNE SI	10 / 51	IGHTLY C	THESIVE / C	DHESTIVE / U	ווהשו ע ר	UNE SIVE	
CONSISTENCY (NON							IIGHET C	DHE31 VE	}
								/ HIGHLY PLASTIC	
DENSITY (COHESING MOISTURE: DRY /	SLIGHTLY M	UISD/ 4	MOISID	WET / S	SATURATED /	SUPER SATUR	RATED	CLOSED	ĺ
DISCOLORATION/ST	AINING DBSE	RVED (YESD/ 1	ND EXPL	حنة- ANATION_	TRE TEST HO	et wite	RUAL	
HC ODOR DETECTE				N - 1621	r House & c	zum Kamp	<i>ر</i> ج		1
ISAMPLE LYPE: (L		OSITE -	# OF F	TS.					
SAMPLE TYPE: CADDITIONAL COMME	NTS: INSTR	osite -	# OF P OPERAT	TO TO				to 10 FT. BELOW &	4005
ADDITIONAL COMME	NTS: INSTR	OSITE -	# OF F OPERAT	TS. TO				10 10 FT. BELOW &1	4305
ADDITIONAL COMME	NTS: WSTR	OSITE -	# OF F	TOK TO		PIT AREA L	DOWN 7	TO 10 FT. BELOW EN	420€
SCALE	SAMP. TIME	METED	OPERAT	F)	EXCAUSE /	OIT AREA (2 000.7 S	N READING CALC.	
SCALE	NTS: WSTR	METED	OPERAT	F)	EXCAUSE /	OIT AREA (2 000.7 S		
SCALE O FT	SAMP. TIME	SAMPLE	OPERAT	F)	EXCAUSE /	ALCULATION ML. FREON	S DILUTIO	N READING CALC.	
SCALE O FT	SAMP. TIME	SAMPLE	OPERAT	FI LAB No:	ELD 418.1 C WEIGHT (g)	ALCULATION ML. FREON	S DILUTIO		
SCALE O FT	SAMP. TIME PERIME	SAMPLE	OPERAT	FI LAB No:	EXCAUSE /	ALCULATION ML. FREON	S DILUTIO	N READING CALC.	
SCALE O FT	SAMP. TIME	SAMPLE	OPERAT	FI LAB No:	ELD 418.1 C WEIGHT (g)	ALCULATION ML. FREON	S DILUTIO	N READING CALC.	
SCALE O FT	SAMP. TIME PERIME	SAMPLE	I.D.	FILAB No: CRES SAMPLE 10 P 10	ELD 418.1 C WEIGHT (g) OVM SULTS	ALCULATION ML. FREON	S DILUTIO	N READING CALC.	
SCALE O FT PIT	SAMP. TIME PERIME ODN'S SOPE DIRECT	SAMPLE	1.D.	FILAB No: RES SAMPLE 10 P P	ELD 418.1 C WEIGHT (g) OVM SULTS FIELD HEADSPACE PIO (ppm)	ALCULATION ML. FREON	S DILUTIO	N READING CALC.	
SCALE O FT PIT	SAMP. TIME PERIME ODUNA SOPE OREC (7'	SAMPLE	1.D.	FILAB No: RES SAMPLE 10 P	ELD 418.1 C WEIGHT (g) OVM SULTS FIELD HEADSPACE PIO (ppm)	ALCULATION ML. FREON	S DILUTIO	N READING CALC.	
SCALE O FT PIT	SAMP. TIME PERIME ODUNA SOPE OREC (7'	SAMPLE	1.D.	FILAB No: RES SAMPLE 10 P	ELD 418.1 C WEIGHT (g) OVM SULTS FIELD HEADSPACE PIO (ppm)	ALCULATION: ML. FREON	S DILUTIO	N READING CALC. A	
SCALE O FT PIT	SAMP. TIME PERIME ODUNA SOPE OREC (7'	SAMPLE	1.D.	FILAB No: RES SAMPLE 10 P	ELD 418.1 C WEIGHT (g) OVM SULTS FIELD HEADSPACE PIO (ppm)	ALCULATION: ML. FREON	S DILUTIO	N READING CALC.	
SCALE O FT PIT	SAMP. TIME PERIME ODUNA SOPE OREC (7'	SAMPLE	1.D.	FILAB No: RES SAMPLE 10 P	ELD 418.1 C WEIGHT (g) OVM SULTS FIELD HEADSPACE PIO (ppm)	ALCULATION: ML. FREON	S DILUTIO	N READING CALC. A	
SCALE O FT PIT	SAMP. TIME PERIME ODUNA SOPE OREC (7'	SAMPLE	1.D.	FILAB No: RES SAMPLE ID P P P P P P P P P P P P P	ELD 418.1 C WEIGHT (g) WEIGHT (p) VM SULTS FIELD HEADSPACE PID (ppm) 1,047	ALCULATION: ML. FREON	S DILUTIO	N READING CALC. A	
SCALE O FT PIT	SAMP. TIME PERIME ODUNA SOPE OREC (7'	SAMPLE	1.D.	FILAB No: CRES SAMPLE ID P P LAB S SAMPLE ID	ELD 418.1 C WEIGHT (g) WEIGHT (p) VM SULTS FIELD HEADSPACE PIO (ppm) 1,047	ALCULATION: ML. FREON	S DILUTIO	N READING CALC. A	
SCALE O FT PIT	SAMP. TIME PERIME PONT SUPE TO BERM	SAMPLE TER	1.D.	FILAB No: RES SAMPLE 10 P RES SAMPLE 10 RES AMPLE	ELD 418.1 C WEIGHT (g) WEIGHT (p) VM SULTS FIELD HEADSPACE PID (ppm) 1,047	ALCULATION: ML. FREON	S DILUTIO	N READING CALC. A	
SCALE O FT PIT	SAMP. TIME PERIME A COUNTY BERM TO SUPPLE TO SUPPLE	SAMPLE	1.D.	FILAB No: RES SAMPLE P P P P P P P P P P P P P P P P P P	ELD 418.1 C WEIGHT (g) OVM SULTS FIELD HEADSPACE PRO (ppm) 1,047 SAMPLES VALYSIS TIME H(BOIS 8) =82.	ALCULATION: ML. FREON	S DILUTIO	N READING CALC. A	
SCALE O FT PIT PIT N.6 B.P.D.	SAMP. TIME PERIME PERIME PERIME PERIME PRESE THEAD	SAMPLE TER	1.D.	FILAB No: RES SAMPLE P P P P P P P P P P P P P P P P P P	ELD 418.1 C WEIGHT (g) OVM SULTS FIELD HEADSPACE PIO (ppm) 1,047	ALCULATION: ML. FREON	S DILUTIO	N READING CALC. A	
SCALE O FT PIT PIT P.D. = PIT DEPRES. T.H. = TEST HOLE;	SAMP. TIME PERIME PERIME PERIME TOURS THEAD SION; B.G. = APPROX	SAMPLE TER P.D 8.6 BELOW GI ; B = BI	I.D.	FILAB NO: RES SAMPLE ID P P P LAB S SAMPLE ID P R R R R R R R R R R R R	ELD 418.1 C WEIGHT (g) WEIGHT (g) VM SULTS FIELD HEADSPACE PIO (ppm) 1,047 SAMPLES VALYSIS TIME H(BOIS 8) 582.	ALCULATION: ML. FREON	S DILUTIO	N READING CALC.	
SCALE O FT PIT PIT P.D. = PIT DEPRES	SAMP. TIME PERIME A COUNTY STATE OFFE OFFE	SAMPLE TER P.D R.G BELOW G	I.D.	FILAB NO: RES SAMPLE ID P P P LAB S SAMPLE ID P R R R R R R R R R R R R	ELD 418.1 C WEIGHT (g) WEIGHT (g) VM SULTS FIELD HEADSPACE PIO (ppm) 1,047 SAMPLES VALYSIS TIME H(BOIS 8) 582.	ALCULATION: ML. FREON	S DILUTIO	N READING CALC.	

revised: 02/27/02



EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	1 @ 10'	Date Reported:	03-22-02
Laboratory Number:	22342	Date Sampled:	03-20-02
Chain of Custody No:	9802	Date Received:	03-21-02
Sample Matrix:	Soil	Date Extracted:	03-21-02
Preservative:	Cool	Date Analyzed:	03-22-02
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	1,560	0.2
Diesel Range (C10 - C28)	76.8	0.1
Total Petroleum Hydrocarbons	1,640	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:

Heaton A #1 Separator Pit Grab Sample.

Analyst C. Cylecrum

Review Malter

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	1 @ 10'	Date Reported:	03-22-02
Laboratory Number:	22342	Date Sampled:	03-20-02
Chain of Custody:	9802	Date Received:	03-21-02
Sample Matrix:	Soil	Date Analyzed:	03-22-02
Preservative:	Cool	Date Extracted:	03-21-02
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	132	1.8
Toluene	1,440	1.7
Ethylbenzene	1,610	1.5
p,m-Xylene	1,570	2.2
o-Xylene	2,100	1.0
Total BTEX	6,850	· · · · · · · · · · · · · · · · · · ·

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	95 %
	1,4-difluorobenzene	95 %
	Bromochlorobenzene	95 %

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:

Heaton A #1 Production Tank Pit Grab Sample.

Analyst

Mister of Walters
Review

P.O. BOX 87, BLC	NEERING, INC.	LOCATION NO: 80940 C.O.C. NO: 9918				
FIELD REPORT: LANDFARM/COM	632-1199 Post pile closure					
QUAD/UNIT: M SEC: 30 TWP: 31N RNG: 11W QTR/FOOTAGE: SWISW CONTRACTOR:	PM: NM CNTY: SJ ST: NM	DATE STARTED: DATE FINISHED: 4-29-02 ENVIRONMENTAL SPECIALIST: JCB				
SOIL REMEDIATION: REMEDIATION SYSTEM: LANDFARM APPROX. CUBIC YARDAGE: 56 ± LAND USE: RANGE - FEE LEASE LIFT DEPTH (ft): 2						
FIELD NOTES & REMARKS: NMOCD RANKING SCOR DEPTH TO GROUNDWATER: >100 NEAREST WATER SOURCE						
SDIL TYPE: SAND / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / DTHER						
SAMPLING DEPTHS (LANDFARMS): /O . (INCHES) SAMPLE TYPE: GRAB / COMPOSITE - # OF PTS. 5 ADDITIONAL COMMENTS: DIRECTED JOE ARCHEUTA TO		on Location.				
SAMP. TIME SAMPLE I.D. LAB NO: WEIGHT SKETCH/SAMPLE LOCATIONS SAMPLE SAMPLE SAMPLE SAMPLE	DVM CALIB. READ. /31.9 DVM CALIB. GAS = 2500 pp	ppm m; RF = 0.52				
1	OVM RESULTS	LAB SAMPLES				
	SAMPLE FIELD HEADSPACE PID (ppm) 5-PZ. 88 5-PZ	ANALYSIS TIME RESULTS TPH 80/5 11Z5 462				
36 — 36 — 3 · · · · · · · · · · · · · · · · · ·						
Wwell hood	SCALE 0 FT					
TRAVEL NOTES: CALLOUT: 4/29/0Z 9:00 Am revised: 07/16/01	ONSITE: <u>4/29/02 1:115</u>	bei1006A.sko				



EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	Landfarm 5 Pt. Composite	Date Reported:	04-30-02
•	22625	•	
Laboratory Number:		Date Sampled:	04-29-02
Chain of Custody No:	9918	Date Received:	04-29-02
Sample Matrix:	Soil	Date Extracted:	04-30-02
Preservative:	Cool	Date Analyzed:	04-30-02
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	345	0.2
Diesel Range (C10 - C28)	117	0.1
Total Petroleum Hydrocarbons	462	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:

Heaton A - 1.

Analyst C. Oplie

Anister of Water