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 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

Form C-144 June 1, 2004

Santa Fe, NM 87505

Pit or Below-Grade Tank Registration or Closure

Is pit or below-grade tan Type of action: Registration of a pit o	k covered by a "general plan"? Yes 🔀 No or below-grade tank 🔲 Closure of a pit or below-grade	e tank 🔀	
Operator: BP America Production Company Telephon Address: 200 Energy Ct. Farmington, NM, 87401 Facility or well name: HUGNES B#SA API#: County: San Juan Latitude	e-mail address: 3 004503(832 U/L or Qtr/Qtr	S00 29 T 29N R BW	
Surface Owner: Federal State Indian Pit Type: Drilling Production Disposal Workover Emergency Lined Unlined Liner type: Synthetic Thicknessmil Clay Pit Volumebbl	Below-grade tank Volume:bbl Type of fluid: Construction material: Double-walled, with leak detection? Yes		
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)		
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 Y (5) Attach soil sample results and a diagram of sample locations and excavat	es If yes, show depth below ground surface	escription of remedial action taken including	
Additional Comments:			
See Attached Documentation See Attached Documentation RECEIVED OIL CONS. DIV. DIST. 3			
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 (attached) alternative OCD-approved plan .			
Date: 11/01/2005 Printed Name/Title Jeffrey C. Blagg. Agent 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.			
Approval: Printed Name/Title			

	1				_			
		BLAG	}G ENG	INEERING	i, INC.	100	CATION NO	B1338
CLIENT BP	P.	O. BOX	87. BLC	OMFIELD	NM 874	113	CATION NO	
OLILIAI.			(505) 63		', · · · · · · · · ·		CB NO:	11662
			303) 63	Z-1133			CR NO.	
 							•	
FIELD REPO	ORT: P	TT CL	OSURI	E VERIF!	ICATIO	N PAG	SE No:	<u>/</u> of/
LOCATION: NAME:	HUG HES	<u>.</u> <u>B</u>	WELL #:	SA TYPE	5EP	DATI	E STARTED: _	2/18/04
QUAD/UNIT: I SEC:	Z9 TWP	29~ RNG	SIJ PM:	NW CNTY: 3	MN TO TO	DATI	E FINISHED:	
	7 1	1					RONMENTAL	NV
QTR/FOOTAGE: 157							CIALIST:	7
EXCAVATION APP	PROX	VA FT. X	NA FT	. x <u>NA</u> FT	. DEEP. CL	JBIC YAR	DAGE:	NA
DISPOSAL FACILITY:				REMEDIA				\ \ -
_								12 12
LANDUSE: RANG	se - Bum	<u> </u>	LEASE:	<u> </u>	046	FORMAT	ION:	MV
FIELD NOTES & RI	EMARKS:	PIT LOCA	_ ATED APPRO	XIMATELY \ Z		~)39€	EBOM	WELLHEAD
) · · · · ·	TES SOURCE:	>/800'		1771-	_ FROW S	YVELLINEAD.
DEPTH TO GROUNDWATER						URFACE WA	TER:	360
NMOCD RANKING SCORE:	0	NMOCD TPH	CLOSURE STD:	5000 PI	⁵ M			
					OVM CALIB. I	READ = 5	7 9 ppm	
SOIL AND EXCA	VATION D	ESCRIPII	ION:		OVM CALIB.			
								2/16/04
SOIL TYPE: SAND/ SIL	TY SAND / S	ILT / SILTY C	HAY / CLAY	GRAVEL / OTH				
SOIL COLOR: MED,				BEO				
COHESION (ALL OTHERS):								
CONSISTENCY (NON COHE								
PLASTICITY (OLAYS): NON					HIGHLY PLASTI	С		
DENGITY (COHESIVE GLAYS	S & SILTS): SO	FT / FIRM / STIF	FF / VERY STIF	F / HARD				CLOSED
MOISTURE: DRY / SLIGHTL								
DISCOLORATION/STAINING	OBSERVED:	PES NO EXPL	LANATIONZ	WTIRE PIT	AREA &	BEOROCI	c Surfac	E.
HC ODOR DETECTED: (ES)	Y NO EXPLANA	ATION - Eルア	IRE PIT	our SA	MPLE.			
SAMPLE TYPE: GRAB COM	MPOSITE - # OF	F PTS.	A. 14 +01	the south the				
ADDITIONAL COMMENTS: DEPLNED LIQUID AWAY FROM 695T 5100 TO ADVANCE TEST HOLE COLLECTED								
BEDROCK SAMPLE FROM BEDROCK. BEDROCK - UERY HARD COMPETENT. INSTRUCTED DPELATOR TO DILLTE / ACRATE IMPACTED SOIL & LEAVE IN RACE.						ر <u>(ح) ر</u> مرحوی مید م		
	SAMPLE TOLION T	FROM BI	EDROCK.	BEDROCK - U	IERY HARD	COMPETE	NT . INSTA	« четеD
	DPELATOR 7	FROM B.	AGRATE IN	BEDROCK - U APACTED SOIL	LEAVE I	COMPETE	NT . INSTA	eneteD
BOTTOM	DPELATOR 7	TO DIZUTE	AGRATE IN	BEDROCK - C MACTED SOIL ELD 418.1 CALC	LERY HRRD COLLECTIONS	COMPETE N RACE	WT . 1057	(ueted
BOTTOM	DPELATOR 7	FROM BO TO OILLITE/ SAMP. ID	AGRATE IN	BEDROCK - C	LERY HRRD COLLECTIONS	COMPETE N RACE	WT . 1057	CALC. (ppm)
SCALE SAM	DPELATOR 7	TO DIZUTE	AGRATE IN	BEDROCK - C MACTED SOIL ELD 418.1 CALC	LERY HRRD COLLECTIONS	COMPETE N RACE	WT . 1057	(ueted
BOTTOM	DPELATOR 7	TO DIZUTE	AGRATE IN	BEDROCK - C MACTED SOIL ELD 418.1 CALC	LERY HRRD COLLECTIONS	COMPETE N RACE	WT . 1057	(ueted
SCALE SAN	MP. TIME	70 01247€/ SAMP. ID	AGRATE IN	BEDROCK - C MACTED SOIL ELD 418.1 CALC	LERY HRRD COLLECTIONS	COMPETE N AACE DILUTION	READING	CALC. (ppm)
SCALE SAM	MP. TIME	70 01247€/ SAMP. ID	FI LAB NO.	BEORGE - CARCTED SOIL BELD 418.1 CALC WEIGHT (g)	LERY HRRD COLLECTIONS	COMPETE N AACE DILUTION	WT . 1057	CALC. (ppm)
SCALE SAN	MP. TIME S	SAMP. ID	LAB NO.	BEOROCK - CONCRETED SOIL WEIGHT (g)	LERY HRRD COLLECTIONS	COMPETE N AACE DILUTION	READING	CALC. (ppm)
SCALE SAN	MP. TIME S	SAMP. ID	LAB NO.	BEORGE - CONTROL SOIL WEIGHT (g) OVM ADING	LERY HRRD COLLECTIONS	COMPETE N AACE DILUTION	READING	CALC. (ppm)
SCALE SAM 0 FT PIT PERI	MP. TIME S	SAMP. ID	LAB NO. C RE SAMPLE	BEORGE - CONTROL SOIL WEIGHT (g) OVM ADING FIELD HEADSPACE (ppm)	LERY HRRD COLLECTIONS	COMPETE N AACE DILUTION	READING	CALC. (ppm)
SCALE SAM 0 FT PIT PERI	MP. TIME S	SAMP. ID	LAB NO. REASAMPLE ID 1 @ 3	BEORGE - CONTROL SOIL WEIGHT (g) OVM ADING FIELD HEADSPACE	LERY HRRD COLLECTIONS	COMPETE N AACE DILUTION	READING	CALC. (ppm)
SCALE SAM O FT PIT PERI	MP. TIME S	SAMP. ID	LAB NO. REASAMPLE ID 1 @ 3	BEORGE - CONTROL SOIL WEIGHT (g) OVM ADING FIELD HEADSPACE (ppm)	LERY HRRD COLLECTIONS	COMPETE N AACE DILUTION	READING	CALC. (ppm)
SCALE SAM O FT PIT PERI	MP. TIME S	SAMP. ID	FI LAB NO. REASAMPLE ID 1 @ 3 2 @ 3 @	BEORGE - CONTROL SOIL WEIGHT (g) OVM ADING FIELD HEADSPACE (ppm)	LERY HRRD COLLECTIONS	COMPETE N AACE DILUTION	READING	CALC. (ppm)
SCALE SAM O FT PIT PERI	MP. TIME S	SAMP. ID	LAB NO. REASAMPLE ID 1 @ 3	BEORGE - CONTROL SOIL WEIGHT (g) OVM ADING FIELD HEADSPACE (ppm)	LERY HRRD COLLECTIONS	COMPETE N AACE DILUTION	READING	CALC. (ppm)
SCALE SAM O FT PIT PERI	MP. TIME S	SAMP. ID	FI LAB NO. REASAMPLE ID 1 @ 3 2 @ 3 3 @ 4 @ 4	BEORGE - CONTROL SOIL WEIGHT (g) OVM ADING FIELD HEADSPACE (ppm)	LEAJE / ULATIONS mL FREON	DILUTION	READING PROFIL	CALC. (ppm)
SCALE SAN O FT PERI	MP. TIME S	SAMP. ID	FI LAB NO. REASAMPLE ID 1 @ 3 2 @ 3 3 @ 4 @ 4	BEORGE - CONTROL SOIL WEIGHT (g) OVM ADING FIELD HEADSPACE (ppm)	LEAJE / ULATIONS mL FREON	DILUTION	READING	CALC. (ppm)
SCALE SAM O FT PIT PERI	MP. TIME S	SAMP. ID	FI LAB NO. REASAMPLE ID 1 @ 3 2 @ 3 3 @ 4 @ 4	BEORGE - CONTROL SOIL WEIGHT (g) OVM ADING FIELD HEADSPACE (ppm)	LEAJE / ULATIONS mL FREON	DILUTION	READING PROFIL	CALC. (ppm)
SCALE SAM O FT PIT PERI	MP. TIME S	SAMP. ID	FI LAB NO. REASAMPLE ID 1 @ 3 2 @ 3 3 @ 4 @ 4	BEORGE - CONTROL SOIL WEIGHT (g) OVM ADING FIELD HEADSPACE (ppm)	LEAJE / ULATIONS mL FREON	DILUTION	READING PROFIL	CALC. (ppm)
SCALE SAM O FT PIT PERI	MP. TIME S	SAMP. ID	FI LAB NO. REASAMPLE ID 1 @ 3 2 @ 3 3 @ 4 @ 4	BEORGE - CONTROL SOIL WEIGHT (g) OVM ADING FIELD HEADSPACE (ppm)	LEAJE / ULATIONS mL FREON	DILUTION	READING PROFIL	CALC. (ppm)
SCALE SAM O FT PIT PERI SETON	MP. TIME S	SAMP. ID	LAB NO. CREATE ID. 1 @ 3 2 2 @ 3 @ 4 @ 5 @ LAB S	BEORGE - CONTROL SOIL WEIGHT (g) OVM ADING FIELD HEADSPACE (ppm)	LEAJE / ULATIONS mL FREON	DILUTION	READING PROFIL	CALC. (ppm)
SCALE SAM O FT PIT PERI TO WIT TO IN	MP. TIME S	SAMP. ID P.D. B. B. TOO. FANK	FI LAB NO. (CRE/SAMPLE ID) 1 @ 3 2 @ 3 @ 4 @ 5 @ 5 @ LAB S	BEORGE - CONTROL SOIL WEIGHT (g) OVM ADING FIELD HEADSPACE (ppm) 994 SAMPLES NALYSIS TIME	LEAVE I	DILUTION	READING PROFIL	CALC. (ppm)
SCALE SAM O FT PIT PERI SEP. WIT WELL PIT	MP. TIME SIMETER	SAMP. ID P.D. B. B. TOO. FANK	LAB SAMPLE ID SA	BEOROCK - CONTROL SOIL WEIGHT (g) OVM ADING FIELD HEADSPACE (ppm) 999 SAMPLES MALYSIS TIME 4 (80158) ILBS	LEAVE I	DILUTION	READING PROFIL	CALC. (ppm)
SCALE SAM O FT PIT PERI TO WIT TO IN	MP. TIME S	SAMP. ID P.D. B. B. TOO. FANK	LAB SAMPLE ID SA	BEORGE - CONTROL SOIL WEIGHT (g) OVM ADING FIELD HEADSPACE (ppm) 994 SAMPLES NALYSIS TIME	LEAVE I	DILUTION	READING PROFIL	CALC. (ppm)
SCALE SAM O FT PIT PERI TO WELL PIT HEAD	MP. TIME S IMETER T.H., R.P. D.	SAMP. ID P.D. B. B. TOO. FANK	LAB S SAMPLE ID 1 @ 3 2 @ 3 @ 4 @ 5 @ LAB S SAMPLE ID 1 @ 3 2 @ 5 @ 5 @	BEORGE - CONTROL SOIL WEIGHT (g) OVM ADING FIELD HEADSPACE (ppm) 979 SAMPLES NALYSIS TIME 1 (80158) 11 58 EX (80218) "	LEAVE I	DILUTION	READING PROFIL	CALC. (ppm)
SCALE SAM O FT PIT PERI TO WELL PIT DEPRESSION; B.G. =	MP. TIME SIMETER	SAMP. ID P.D. B. TOO. PANK TOO. TANK DE; B = BELOW	LAB S SAMPLE ID 1 @ 3 2 @ 3 @ 4 @ 5 @ LAB S SAMPLE ID 1 @ 3 2 @ 5 @ 5 @	BEOROCK - CONTROL SOIL WEIGHT (g) OVM ADING FIELD HEADSPACE (ppm) 999 SAMPLES MALYSIS TIME 4 (80158) ILBS	LEAVE I	DILUTION	READING PROFIL	CALC. (ppm)
SCALE SAM O FT PIT PERI TO WELL PIT HEAD	MP. TIME SIMETER	SAMP. ID P.D. B. P.D. B. FANK TON TANK TON TANK TON TANK TON TON TON TON TON TON TON T	LAB S SAMPLE ID 1 @ 3 2 @ 3 @ 4 @ 5 @ LAB S SAMPLE ID 1 @ 3 2 @ 5 @ 5 @	BEORGER - CONTROL SOIL WEIGHT (g) OVM ADING FIELD HEADSPACE (ppm) 999 AMPLES AMPLES AMALYSIS TIME A (80158) II 58 EX (802.1B) PASSED	LEAVE I	DILUTION PIT F	READING PROFIL	CALC. (ppm)



EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	1 @ 3'	Date Reported:	02-19-04
Laboratory Number:	27848	Date Sampled:	02-18-04
Chain of Custody No:	11662	Date Received:	02-18-04
Sample Matrix:	Soil	Date Extracted:	02-18-04
Preservative:	Cool	Date Analyzed:	02-19-04
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	792	0.2
Diesel Range (C10 - C28)	1,050	0.1
Total Petroleum Hydrocarbons	1,840	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:

Hughes B #8A Separator Pit Grab Sample.

Analyst C. (24)

Mistmen Waller
Review



EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	1 @ 3'	Date Reported:	02-19-04
Laboratory Number:	27848	Date Sampled:	02-18-04
Chain of Custody:	11662	Date Received:	02-18-04
Sample Matrix:	Soil	Date Analyzed:	02-19-04
Preservative:	Cool	Date Extracted:	02-18-04
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)	
Benzene	108	1.8	
Toluene	986	1.7	
Ethylbenzene	679	1.5	
p,m-Xylene	2,120	2.2	
o-Xylene	1,340	1.0	
Total BTEX	5,230		

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	98 %
	1,4-difluorobenzene	98 %
	Bromochlorobenzene	98 %

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:

Hughes B #8A Separator Pit Grab Sample.

Analyst C. Ogracio

Review Muller