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**

appropriate NMOCD District Office. For downstream facilities, submit to Santa Fe

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505

For drilling and production facilities, submit to

Form C-144

June 1, 2004

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 \(\sumeq\) Closure of a pit or below-grade tank \(\sumeq\) BP AMERICA PROD. CO. (505)-326-9200 Telephone: e-mail address: Address: 200 ENERGY COURT, FARMINGTON, NM 87410 API#: 30-045- 25192 Facility or well name: HUGHES #6E U/L or Otr/Otr M Sec 29 T 29N R 8W Latitude 36.69230 Longitude 107.70635 NAD: 1927 ☐ 1983 ⊠ Surface Owner Federal ⊠ State ☐ Private ☐ Indian ☐ County: SAN JUAN Below-grade tank Pit Type: Drilling Production Disposal BLOW Volume: Lined Unlined mil Clay □ Liner type: Synthetic Thickness 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 N 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) 0 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 \(\square\) offsite \(\square\) 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 Attach soil sample results and a diagram of sample locations and excavations. Additional Comments: PIT LOCATED APPROXIMATELY 168 FT. S46W FROM WELL HEAD PIT EXCAVATION: WIDTH N/Aft., LENGTH N/Aft., DEPTH N/Aft. PIT REMEDIATION: CLOSE AS IS: ☒, LANDFARM: ☐, COMPOST: ☐, STOCKPILE: ☐, OTHER ☐ (explain) N/A Cubic vards: 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 has been/will be constructed or closed according to NMOCD guidelines ⊠, a general permit □, or an alternative OCD-approved plan ⊠. 08/10/05 **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. Approval: DEPUTY OIL & GAS INSPECTOR, DIST. (2) Printed Name/Title



EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	1 @ 6'	Date Reported:	08-10-05
Laboratory Number:	33979	Date Sampled:	08-04-05
Chain of Custody No:	14362	Date Received:	08-05-05
Sample Matrix:	Soil	Date Extracted:	08-08-05
Preservative:	Cool	Date Analyzed:	08-10-05
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	931	0.2
Diesel Range (C10 - C28)	356	0.1
Total Petroleum Hydrocarbons	1,290	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 6E Blow.

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EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	1 @ 6'	Date Reported:	08-10-05
Laboratory Number:	33979	Date Sampled:	08-04-05
Chain of Custody:	14362	Date Received:	08-05-05
Sample Matrix:	Soil	Date Analyzed:	08-10-05
Preservative:	Cool	Date Extracted:	08-08-05
Condition:	Cool & Intact	Analysis Requested:	BTEX

	Det.		
Parameter	Concentration (ug/Kg)	Limit (ug/Kg)	
Benzene	8.4	2.1	
Toluene	134	1.8	
Ethylbenzene	347	1.7	
p,m-Xylene	3,050	1.5	
o-Xylene	687	2.2	
Total BTEX	4,230		

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	97.0 %
	1,4-difluorobenzene	97.0 %
	Bromochlorobenzene	97.0 %

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:

Hughes 6E Blow.

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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

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

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				
Type of action: Registration of a pit of	or below-grade tank [] Closure of a pit or below-g	grade tank 🗵		
		mail address:		
Address: 200 ENERGY COURT, FARMINGTON.				
	API #: 30-045- 25192 U/L or Qt	tr/Qtr M Sec 29 T 29N R 8W		
County: SAN JUAN Latitude 36.69230 Longitude 10	7.70635 NAD: 1927 ☐ 1983 ⊠ Surface	Owner Federal ⊠ State ☐ Private ☐ Indian ☐		
Pit	Below-grade tank			
Type: Drilling Production Disposal DEHY/SEP	Volume:bbl_Type of fluid: Construction material:			
Workover				
Lined Unlined S	Double-walled, with teak detection? Yes 1 If	nal explain why hot.		
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) 0		
The state of the s	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,	200 feet or more, but less than 1000 feet	(10 points)		
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 from facility				
remediation start date and end date. (4) Groundwater encountered: No 🖾 Yes 🗌 If yes, show depth below ground surfaceft. and attach sample_results. (5)				
Attach soil sample results and a diagram of sample locations and excavation		It. and attach sample lesuns. (3)		
Additional Comments: PIT LOCATED APPROXIMATELY 111 FT. S23W FROM WELL HEAD.				
PIT EXCAVATION: WIDTH N/Aft., LENGTH N/Aft., DEPTH N/Aft.				
PIT REMEDIATION: CLOSE AS IS: ⊠, LANDFARM: □, C		(explain) on one will be with the control of the co		
Cubic yards: N/A	OMPOSI: [], STOCKPILE: [], OTHER [] (expiain)		
		OMOGO ON CAS		
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 \(\times \), a general permit \(\times \), or an alternative OCD-approved plan \(\times \).				
Date: 08/10/05				
Loff Plage DF #11607				
PrintedName/Title Jeff Blagg - P.E. # 11607	_Signature			
Your certification and NMOCD approval of this application/closure does not not otherwise endanger public health or the environment. Nor does it relieve the regulations.	not relieve the operator of liability should the content 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		
Approval: Printed Name/Title Printed Name/Title	gnature BM SM	Date: FEB 2 8 2006		



EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	1 @ 4'	Date Reported:	08-10-05
Laboratory Number:	33978	Date Sampled:	08-04-05
Chain of Custody No:	14362	Date Received:	08-05-05
Sample Matrix:	Soil	Date Extracted:	08-08-05
Preservative:	Cool	Date Analyzed:	08-10-05
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	224	0.2
Diesel Range (C10 - C28)	405	0.1
Total Petroleum Hydrocarbons	629	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 6E Dehy/Sep.

Analyst Change

Mistire m Walter
Review



EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	1 @ 4'	Date Reported:	08-10-05
Laboratory Number:	33978	Date Sampled:	08-04-05
Chain of Custody:	14362	Date Received:	08-05-05
Sample Matrix:	Soil	Date Analyzed:	08-10-05
Preservative:	Cool	Date Extracted:	08-08-05
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)	
	, , , , ,		
Benzene	ND	2.1	
Toluene	13.5	1.8	
Ethylbenzene	95.0	1.7	
p,m-Xylene	886	1.5	
o-Xylene	291	2.2	
Total BTEX	1.290		

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:

Hughes 6E Dehy/Sep.

Analyst C. Quint

Mister n Walter