#### 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**

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

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

For downstream facilities, submit to Santa Fe office

Form C-144

June 1, 2004

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 (505)-326-9200 BP AMERICA PROD. CO. Telephone: Operator: e-mail address: Address: 200 ENERGY COURT, FARMINGTON, NM 87410 Facility or well name: DAWSON GC #1 API#: 30-045- 27336 U/L or Otr/Otr M Sec 31 T 31N R 8W County: SAN JUAN Latitude 36.85056 Longitude 107.72110 NAD: 1927 ☐ 1983 🏿 Surface Owner Federal 🖾 State ☐ Private ☐ Indian ☐ RCVD APR5'07 Pit Below-grade tank OIL CONS. DIV. Type: Drilling ☐ Production ☒ Disposal ☐ COMPRESSOR Volume: DIST. 3 Workover Emergency Construction material Lined Unlined STEEL TANK Liner type: Synthetic Thickness mil Clay 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 0 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 \_\_\_\_\_. (3) Attach a general description of remedial action taken including your are burying in place) onsite \( \square\) offsite \( \square\) If offsite, name of facility remediation start date and end date. (4) Groundwater encountered: No 🛛 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 excavations. Additional Comments: PIT LOCATED APPROXIMATELY 135 FT. S38E FROM WELL HEAD. PIT EXCAVATION: WIDTH N/Aft., LENGTH N/Aft., DEPTH N/Aft. PIT REMEDIATION: CLOSE AS IS: ♥, LANDFARM: □, COMPOST: □, STOCKPILE: □, OTHER □ (explain) Cubic yards: N/A 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 🛛, a general permit 🔲, or an alternative OCD-approved plan 🖂 04/27/06 Date: Jeff Blagg – P.E. # 11607 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. Deputy Oil & Gas Inspector, AUG 0 9 2007 Approval: District #3 Printed Name/Title

ANALYSIS

TPM

1375-

ci-

TIME

1430

ONSITE: 4/19/06

revised 09/04/02

BARKADE

TANK

PD = PIT DEPRESSION, B G. = BELOW GRADE; B = BELOW TH = TEST HOLE, ~ = APPROX., T.B. = TANK BOTTOM

CALLOUT: \_

Foot



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

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	C @ 6'	Date Reported:	04-25-06
Laboratory Number:	36899	Date Sampled:	04-19-06
Chain of Custody No:	15839	Date Received:	04-21-06
Sample Matrix:	Soil	Date Extracted:	04-21-06
Preservative:	Cool	Date Analyzed:	04-25-06
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: Dawson GC 1 Compressor Pit.

Analyst

Muster M Wasters
Review



# EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	C @ 6'	Date Reported:	04-25-06
Laboratory Number:	36899	Date Sampled:	04-19-06
Chain of Custody:	15839	Date Received:	04-21-06
Sample Matrix:	Soil	Date Analyzed:	04-25-06
Preservative:	Cool	Date Extracted:	04-21-06
Condition:	Cool & Intact	Analysis Requested:	BTEX

		Det.	
	Concentration	Limit	
Parameter	(ug/Kg)	(ug/Kg)	
Benzene	ND	1.8	
Toluene	6.9	1.7	
Ethylbenzene	ND	1.5	
p,m-Xylene	7.9	2.2	
o-Xylene	ND	1.0	
Total BTEX	14.8		

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:

Dawson GC 1 Compressor Pit.

Analyst

Number Wald



#### Chloride

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	C @ 6'	Date Reported:	04-25-06
Lab ID#:	36899	Date Sampled:	04-19-06
Sample Matrix:	Soil	Date Received:	04-21-06
Preservative:	Cool	Date Analyzed:	04-21-06
Condition:	Cool and Intact	Chain of Custody:	15839

Parameter	Concentration (mg/Kg)	
ı arameter	ooncentration (mg//tg)	

Total Chloride 52.0

Reference: Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: Dawson GC 1 Compressor Pit.

Analyst Maller

# CHAIN OF CUSTODY RECORD

Client / Project Name		O <sub>A</sub> termeta (de de vitam e con conpre <sub>s</sub> a) (d	Project Location					4								
BLALL/BP			DAWSON	GC	-					ANA	LYSIS / PAR	AMETERS				
Sampler:			Client No.	.,			γo						Rema	arks		
0.050	14		94034	-01	<i>O</i>		No. of ontainer	76	TN	1						
Sample No./	Sample Date	Sample Time	Lab Number		Sample Matrix		No. of Containers	75/5	8754 802	E						
C & 6' 4	/19/36	1430	36899		SOIL		1	×	X	X		Co.M.	سرج م	or.	P	j
													<b>-</b>			
					- ***											
Relinquished by: (Signatur				Date	Time	Recei	ved by:	(Signatu	ıre) _				Date	Э	Tii	me
Relinquished by: (Signatur	۷,		4	] Zi/56		A	-	(			or termentary		1/21	66	06	\$j
Rélinquished by: (Signatur	·e/)					Recei	ved by:	(Signatu	ıre)	,						
Relinquished by: (Signatur	re)					Recei	ved by:	(Signatu	ıre)							
	<del>-</del>															
					'IRO	TE(	JH		$\hat{\mathcal{G}}$ .			Sampl	e Rece	∍ipt		
				en en				(1874 B)						Υ	N	N/A
					5796 U.S ington, N				1			Received Intac	t	4		
				. am	(505)			J. 10	•			Cool - Ice/Blue I	ce			



### EPA Method 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

### **Quality Assurance Report**

Client:	QA/QC		Project #:		N/A
Sample ID:	04-25-06 QA/	QC	Date Reported:		04-25-06
Laboratory Number:	36898		Date Sampled:		N/A
Sample Matrix:	Methylene Chlo	ride	Date Received:		N/A
Preservative:	N/A		Date Analyzed:		04-25-06
Condition:	N/A		Analysis Reque	sted:	TPH ·
	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept Range
Gasoline Range C5 - C10	02-04-05	9.9915E+002	1.0001E+003	0.10%	0 - 15%
Diesel Range C10 - C28	02-04-05	9.9858E+002	1.0006E+003	0.20%	0 - 15%
(1980) - 34, 5 (1986) (49) - 5 - 7 3 - 5 - 7 3 - 5 - 7 2 - 5 - 7 2 - 5 - 7 2 - 5 - 7 2 - 7	Carlos vago 129 Sarragan La	A 1 N. J. combine (1856) 3455 .	1 001 68666 0 000 02 7 1 1 1	marrodyem No. 14 Janeiro de 100	
Blank Conc. (mg/L - mg/Kg)		Concentration		Detection Lim	it
Gasoline Range C5 - C10		ND		0.2	
Diesel Range C10 - C28		ND		0.1	
Total Petroleum Hydrocarbons		ND		0.2	
1 2	247931752 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	there is one filters, whe	. M. WARRES . TO SHIFT PR	en e	
Duplicate Conc. (mg/Kg)		Duplicate	% Difference	Accept. Range	<b>:</b>
Gasoline Range C5 - C10	4.0	4.0	0.0%	0 - 30%	
Diesel Range C10 - C28	0.8	0.8	0.0%	0 - 30%	
	C. Service and the control of the co	nerman er en er eranner.		** '{\$ director'	A 733-5883 12 (A) A
Spike Conc. (mg/Kg)	Sample	MC PRODUCTURE STANDARD FROM SEPTIMEN	Spike Result	un uner. A del probabilità es este .	Accept Range
Gasoline Range C5 - C10	4.0	250	254	99.9%	75 - 125%
Diesel Range C10 - C28	8.0	250	251	99.9%	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 36898 - 36902, 36907 - 36908, 36914.

Analyst

Review



## EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A		roject #:		N/A
Sample ID:	0425BTEX QA/QC	D	ate Reported:		04-25-06
_aboratory Number:	36898		ate Sampled:		N/A
Sample Matrix:	Soil	D	ate Received:		N/A
Preservative:	N/A		ate Analyzed:		04-25-06
Condition:	N/A	Α	nalysis:		BTEX
Calibration and	I-Cal RF:	C-Cal RF:	%Diff.	Blank	Detect:
Detection Limits (ug/L)		Accept. Range	e.U15%	Conc	Elmit.
Benzene	7.5513E+007	7.5664E+007	0.2%	ND	0.2
Foluene	9.6922E+007	9.7117E+007	0.2%	ND	0.2
Ethylbenzene	6.0402E+007	6.0523E+007	0.2%	ND	0.2
p,m-Xylene	1.8175E+008	1.8211E+008	0.2%	ND	0.2
o-Xylene	9.0226E+007	9.0407E+007	0.2%	ND	0.1
Duplicate Conc. (ug/Kg) Benzene	Sample	Duplicate - ND	%Diff	Accept Range	بَرِيَّةِ Detect: Limit 1.8
Benzene Foluene Ethylbenzene o,m-Xylene	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	-	2. 2.2.3 Motors. Crosser 2.38 Letter	· · · / · · · · · · · · · · · · · · · ·	
, , , , , , , , , , , , , , , , , , ,	ND 6.9 ND 239	ND 6.9 ND 238	0.0% 0.0% 0.0% 0.4% 0.0%	0 - 30% 0 - 30% 0 - 30% 0 - 30%	1.8 1.7 1.5 2.2
Benzene Toluene Ethylbenzene o,m-Xylene o-Xylene	ND 6.9 ND 239 2.8	ND 6.9 ND 238 2.8	0.0% 0.0% 0.0% 0.4% 0.0%	0 - 30% 0 - 30% 0 - 30% 0 - 30% 0 - 30%	1.8 1.7 1.5 2.2 1.0
Genzene Foluene Ethylbenzene o,m-Xylene o-Xylene Spike Conc. (ug/Kg)	ND 6.9 ND 239 2.8	ND 6.9 ND 238 2.8	0.0% 0.0% 0.0% 0.4% 0.0%	0 - 30% 0 - 30% 0 - 30% 0 - 30% 0 - 30%	1.8 1.7 1.5 2.2 1.0
Genzene Foluene Ethylbenzene o,m-Xylene o-Xylene Spike Conc. (ug/Kg) Genzene Foluene	ND 6.9 ND 239 2.8 ND 6.9	ND 6.9 ND 238 2.8 *Amount Spiked 50.0 50.0	0.0% 0.0% 0.0% 0.4% 0.0% Spiked Sample 49.9 56.8	0 - 30% 0 - 30% 0 - 30% 0 - 30% 0 - 30% % Recovery 99.8%	1.8 1.7 1.5 2.2 1.0 Accept Range
Genzene Foluene Ethylbenzene o,m-Xylene o-Xylene Spike Conc. (ug/Kg) Genzene Foluene Ethylbenzene	ND 6.9 ND 239 2.8 Sample ND 6.9 ND	ND 6.9 ND 238 2.8 2.8 50.0 50.0 50.0	0.0% 0.0% 0.0% 0.4% 0.0% Spiked Sample 49.9 56.8 49.9	0 - 30% 0 - 30% 0 - 30% 0 - 30% 0 - 30% % Recovery 99.8% 99.8%	1.8 1.7 1.5 2.2 1.0 Accept Range 39 - 150 46 - 148 32 - 160
Benzene Foluene Ethylbenzene o,m-Xylene o-Xylene Spike Conc. (ug/Kg)	ND 6.9 ND 239 2.8 ND 6.9	ND 6.9 ND 238 2.8 *Amount Spiked 50.0 50.0	0.0% 0.0% 0.0% 0.4% 0.0% Spiked Sample 49.9 56.8	0 - 30% 0 - 30% 0 - 30% 0 - 30% 0 - 30% % Recovery 99.8%	1.8 1.7 1.5 2.2 1.0 Accept Range

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 36898 - 36902, 36907 - 36908, 36914.

Analyst