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

<u>District IV</u> 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 🛛	
Operator: BP AMERICA PROD. CO.	Telephone: (505)-326-9200 e-	mail address:	
Address: 200 ENERGY COURT, FARMINGTON.		man address.	
Facility or well name: ROELOFS B #1A	API #: 30-045- 22720 U/L or Q	tr/Otr P Sec 22 7	г 29N р 8W
County: SAN JUAN Latitude 36.70718 Longitude 10			
County Lande Longlade	NAD. 1927 1963 Surface	Owner rederat 🖂 State 🗀	Filvate [] Indian []
Pit	Below-grade tank		
Type: Drilling Production Disposal DEHYDRATOR	Volume: bbl Type of fluid:		
Workover ☐ Emergency ☐	Construction materia:	1	
Lined Unlined 🗵	Double-walled, with leak attection? Yes 1 If	nat explain why not	
Liner type: Synthetic Thickness mil Clay		23.0	
Pit Volumebbl			
	Less than 50 feet	(20 points)	
Depth to ground water (vertical distance from bottom of pit to seasonal	50 feet or more, but less than 100 feet	(10 points)	0
high water elevation of ground water.)	100 feet or more	(0 points)	v
		· ·	
Wellhead protection area: (Less than 200 feet from a private domestic	Yes	(20 points)	0
water source, or less than 1000 feet from all other water sources.)	No	(0 points)	U
	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)	U
	Ranking Score (Total Points)		0
<u> </u>			
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_	. (3) Attach a gener	al description of remedial act	ion taken including
remediation start date and end date. (4) Groundwater encountered: No 🛛	Yes [] If yes, show depth below ground surface _	ft. and attach sa	ample results. (5)
Attach soil sample results and a diagram of sample locations and excavation	is.		TAPVARV
Additional Comments: PIT LOCATED APPROXIMATEL	<u>y 132 ft. N18W from v</u>	VELL HEAD. 🦽 🖰	(463602/2)
PIT EXCAVATION: WIDTH N/Aft., LENGTH	N/Aft., DEPTH N/Aft		Res Re was
PIT REMEDIATION: CLOSE AS IS: ⊠, LANDFARM: □, C	OMPOST: □, STOCKPILE: □, OTHER □	(explain)	582nn =
Cubic yards: N/A		100	PONTAGE N
		The State of the S	War Of Our
		. نرگیناً	
I hereby certify that the information above is true and complete to the best	of my knowledge and belief. I further certify the	at the above-described oit o	r below-grade tank
has been/will be constructed or closed according to NMOCD guideline	es $oxtimes$, a general permit $oxtimes$, or an alternative OC	D-approved plan 🛛 . 🤏	41.01.63
Date: 08/17/05			
Date: Odi 17705			
PrintedName/Title Jeff Blagg - P.E. # 11607	Signature Juffer C.	sen ,	
	_ bighamie		
Your certification and NMOCD approval of this application/closure does otherwise endanger public health or the environment. Nor does it relieve regulations.	the operator of its responsibility for compliance with	this of the pit of tank contami th any other federal, state, or	nate ground water or local laws and/or
STATE OF THE PARTY AND THE PAR			
Approval: CEPUTY OIL & GAS INSPECTOR, DIST. 69	ignature B	FEE	3 2 8 2006
Printed Name/TitleS	gnature 0 3 1/2 W	Date:	

30-045-22720	priver plantomer is 31	6.70718×	107.659	34		
client: BP	,		NEERING OMFIELD	, INC. , NM 87413	LOCATION NO	
(505) 632-1199				COCR NO:	14424	
FIELD REPORT	: PIT CL	OSURE	VERIFI	CATION	PAGE No:	of
LOCATION: NAME: ROELO		WELL#:		DEHV	DATE STARTED: _ DATE FINISHED: _	
QUAD/UNIT: P SEC: ZZ					ENVIRONMENTAL SPECIALIST:	
QTR/FOOTAGE: (180 FSL						J C13
EXCAVATION APPROX			· · · · · · · · · · · · · · · · · · ·		YARDAGE:	
DISPOSAL FACILITY:	NA		REMEDIA	TION METHOD:	CLOSE F	45 15
LANDUSE: RANGE - B	LM	LEASE: 5	F 078415	FO	RMATION:	MV
FIELD NOTES & REMAR						
DEPTH TO GROUNDWATER: >	OO NEAREST WA	TER SOURCE:	>/000	NEAREST SURFA	CE WATER:	1000
NMOCD RANKING SCORE:	NMOCD TPH	CLOSURE STD:	5000 PF	М		
SOIL AND EXCAVATION	N DESCRIPT	ION:		OVM CALIB. REAL	D. = <u>51,8</u> ppm	
					= <u>ເບິ່ວ</u> ppm am(pm) DATE:	
SOIL TYPE: SAND SILTY SAI	SILT / SILTY C	LAY / CLAY /	GRAVEL / OTH			
SOIL COLOR: COHESION (ALL OTHERS): NON C	DARK BROW		HESIVE / HIGHLY	COHESIVE		
CONSISTENCY (NON COHESIVE SO				001120172		
PLASTICITY (CLAYS): NON PLAST				HIGHLY PLASTIC		
DENSITY (COHESIVE CLAYS & SILT MOISTURE: DRY (SLIGHTLY MOIS						(rosed)
DISCOLORATION/STAINING OBSER	VED: YES INO EXP	LANATION -	CV. U. Mino.	Gray Syveed	(e/s)	
HC ODOR DETECTED: YES (NO) E SAMPLE TYPE: (GRAB) COMPOSIT	XPLANATION			., . ,	0	
ADDITIONAL COMMENTS:	E - # UF P13	12-	X12 - X 3)	eep Earthen hole + Sau	P.Y. USE	BARKHOE
		70	Dig tost	hole & SAU	ρ <u>.</u> .	
		FIE	LD 418.1 CALC	ULATIONS		
SCALE SAMP. TO	ME SAMP. ID	LAB NO.	WEIGHT (g)	mL FREON DIL	UTIONREADING	G CALC. (ppm)
0 FT						
Ť)
N PIT PERIME	TER	1 0	\	<u></u>	PIT PROFII	LE
ļ l			VM DING			
12*	10	SAMPLE	FIELD HEADSPACE		•	
	TH	1@ 6"	0.0		_	
,		2 @ 3 @		_	- 12	>
		4 @ 5 @		Tie		7
A D	12- A-	3 (2)		∃5 ↓	· /	
						6
	1					J
				-		,
			AMPLES	\exists		
		ID A	NALYSIS TIMI			
]			DIED)	_		
P.D. = PIT DEPRESSION; B.G. = BELOV	N GRADE: B = BELOW					
T.H. = TEST HOLE; ~ = APPROX.; T.B.				_		
TRAVEL NOTES: CALLOÙ	r:		ONSITE: _	8/12/05		



EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	1 @ 6'	Date Reported:	08-17-05
Laboratory Number:	34062	Date Sampled:	08-12-05
Chain of Custody No:	14424	Date Received:	08-16-05
Sample Matrix:	Soil	Date Extracted:	08-16-05
Preservative:	Cool	Date Analyzed:	08-17 - 05
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)	22.2	0.1
Total Petroleum Hydrocarbons	22.2	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:

Roelofs B #1A Dehy Pit.

Analyst C. Church

Review Water

District I
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1301 W. Grand Avenue, Artesia, NM 88210
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1000 Rio Brazos Road, Aztec, NM 87410

State of New Mexico Energy Minerals and Natural Resources

June 1, 2004
drilling and production facilities, submit to

Form C-144

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

<u>District IV</u> 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-g	grade tank 🔯			
Operator: BP AMERICA PROD. CO.	Telephone: (505)-326-9200 e-r	mail address:			
Address: 200 ENERGY COURT. FARMINGTON.	NM 87410				
Facility or well name: ROELOFS B #1A	API #: 30-045- 22720 U/L or Qt	r/Otr P Sec 22	T 29N R 8W		
County: SAN JUAN Latitude 36. 70718 Longitude 10					
Douglass		Owner to detail 23 Dates			
<u>Pit</u>	Below-grade tank				
Type: Drilling Production Disposal SEPARATOR	Volume: bbl Type of fluid:				
			•		
Lined Unlined 🛛	Workover Emergency Construction material:				
	Double-walled, with leak direction? Yes 11 If	explain why not.			
Liner type: Synthetic Thickness mil 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		
mgn water elevation of givents water.	100 feet or more	(0 points)			
W. 114 1	Yes	(20 points)			
Wellhead protection area: (Less than 200 feet from a private domestic	No	(0 points)	0		
water source, or less than 1000 feet from all other water sources.)					
Distance to surface water: (horizontal distance to all wetlands, playas,	Less than 200 feet	(20 points)			
irrigation 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)		0		
If the a with alanament (1) attach a diagrams of the facility showing the with	a polation ship to other provious and and toules (2) In di	insta din and landian (-bd-abis-bis		
If this is a pit closure: (1) attach a diagram of the facility showing the pit's		-			
your are burying in place) onsite offsite foffsite, name of facility			=		
remediation start date and end date. (4) Groundwater encountered: No 🛛		ft. and attac	h sample results. (5)		
Attach soil sample results and a diagram of sample locations and excavation	· · · · · · · · · · · · · · · · · · ·	(0)	(75, 76, 27, 20)		
Additional Comments: PIT LOCATED APPROXIMATEL		ELL HEAD.			
PIT EXCAVATION: WIDTH N/Aft., LENGTH	N/Aft., DEPTH N/Aft		FRO TO		
PIT REMEDIATION: CLOSE AS IS: ☒, LANDFARM: ☐, C	OMPOST: □, STOCKPILE: □, OTHER □ (explain) (SO)	<008 S		
Cubic yards: N/A		E C	11/20 W		
BEDROCK BOTTOM		View 1	NOT ON PI		
DED ROCK BOTTOM		V. S. J.	0/4 - 1,44		
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 \(\sigma\), a general permit \(\sigma\), or an alternative OCD-approved plan \(\sigma\).					
Detail 08/17/05					
Date: OOT 1700					
PrintedName/Title Jeff Blagg - P.E. # 11607 Signature					
	Signature		_		
Your certification and NMOCD approval of this application/closure does not otherwise endanger public health or the environment. Nor does it relieve to regulations.	not relieve the operator of liability should the conter the operator of its responsibility for compliance with	nts of the pit or tank cont h any other federal, state,	aminate ground water or or local laws and/or		
Approval:	01/11	ann ann ann an	າ 8 2006]		
Printed Name/Title PRINTY ON & GAS INSPECTOR, DIST. 609	ignature Bh Dall	Date:			

30-045-	22720		6.70718 ×	107.658	34			
CLIENT:	BP	BLAG P.O. BOX		NEERING OMFIELD	•	13	OCATION NO	: B1608
		(505) 632	-1199		C	OCR NO:	14424
FIELD	REPORT	PIT CL	OSURE	VERIF	CATIO	N PA	GE No:	of
LOCATION	NAME: ROELOF	s B	WELL#:	A TYPE	SEPAKAT		TE STARTED: _	8-12-05
	P SEC: ZZ					3	VIRONMENTAL ECIALIST:	
	TAGE: 1180 FSL X							
	ION APPROX.							
DISPOSAL F					TION METHO		CLOSE F	AS IS NV
	RAWGE - BL TES & REMARK			F 078415	8 _{FT.}	FORMA		
	DUNDWATER: > 10				FI NEAREST SU			
NMOCD RANKI	\sim			5000 PI				
SOIL ANI	D EXCAVATIOI	N DESCRIPT	ION·		OVM CALIB. F			
3012 / 111	2,0,0,0,0	T DEGOTAL T	1011.		OVM CALIB. C	_		
	SAND SILTY SAND	SILT / SILTY O	LAY / CLAY /	GRAVEL / OTH				
	OTHERS): NON CO	HESIVE (SLIGHTLY	COHESIVE / CO		COHESIVE		<u>.</u>	
	(NON COHESIVE SOL AYS): NON PLASTIC				/ HIGHLY PLASTIC	C.		
DENSITY (COH	ESIVE CLAYS & SILTS	: SOFT / FIRM / STI	FF / VERY STIFF	/ HARD		•		2000
	Y (SLIGHTLY MOIST)				ay Stain		C	Cr02ED)
HC ODOR DET	GRABY COMPOSITE	PLANATION -	V. Minor					
ADDITIONAL CO	MMENTS:	UF PIS		15 x 3 De	epp Euryhan	BY.	Use Bac	thre to
BEDROC			PA C	test hold Base	- Firm	1500v	rck C	5 Belau
SCALE			FIE	LD 418.1 CALC	1			
SCALE	SAMP. TIM	E SAMP, ID	LAB NO.	WEIGHT (g)	mL FREON	DILUTIO	ONREADING	G CALC. (ppm)
0	FT						 	
Ρ۱ کړ_	T PERIMETI	ER		· · · · · · · · · · · · · · · · · · ·	d	PIT	PROFIL	E
(A-		1	VM \DING				
	15	/PD	SAMPLE	FIELD HEADSPACE (ppm)				
			1@	V.F.W			15	
ľ			3@				15	-
4@ 5@ 3								
	(A) (B)	(5 (x)	3-POINT CONDOSIYE	28	1 1			16'
						1		
TH								
LAB SAMPLES SAMPLE ANALYSIS TIME								
LAB SAMPLES SAMPLE ANALYSIS TIME 3 POINT TON 1400 SANDSTONE								
			105	OSSED)			<i>,</i> ,	′
P.D. = PIT DEPRESSION; B.G. = BELOW GRADE; B = BELOW T.H. = TEST HOLE; ~ = APPROX.; T.B. = TANK BOTTOM								
TRAVEL NOTES: CALLOUT: ONSITE: 8/12/05								
I	CALLOUT:			ONSITE: _	0/1403			



EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	3-Pt. Composite	Date Reported:	08-17-05
Laboratory Number:	34061	Date Sampled:	08-12-05
Chain of Custody No:	14424	Date Received:	08-16-05
Sample Matrix:	Soil	Date Extracted:	08-16-05
Preservative:	Cool	Date Analyzed:	08-17 - 05
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)	5.6	0.1
Total Petroleum Hydrocarbons	5.6	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:

Roelofs B #1A Sep Pit.

Analyst C. Oylucus

Review Walter