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

Form C-144
June 1, 2004

For drilling and production facilities, submit to appropriate NMOCD District Office.
For downstream facilities, submit to Santa Fe office

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. NM 87410
Facility or well name: RUSSELL LS #3 API #: 30-045- 07242 U/L or Qtr/Qtr M Sec 23 T 28N R 8W
County: SAN JUAN Latitude 36.64216 Longitude 107.65547 NAD: 1927 ☐ 1983 ☒ Surface Owner Federal ☒ State ☐ Private ☐ Indian ☐

RCVD APR5'07
OIL CONS. DIV.
DIST. 3

Pit	**Below-grade tank**
Type: Drilling ☐ Production ☒ Disposal ☐ DEHYDRATOR Workover ☐ Emergency ☐ Lined ☒ Unlined ☐ STEEL TANK Liner type: Synthetic ☐ Thickness _____mil Clay ☐ Pit Volume _____bbl	Volume: _____bbl Type of fluid: Construction material: N/A Double-walled, with leak detection? Yes ☐ If not, explain why not.

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)	10
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)	0
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)	10
	Ranking Score (Total Points)		20

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 ☐ 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. (5) Attach soil sample results and a diagram of sample locations and excavations.

Additional Comments PIT LOCATED APPROXIMATELY 87 FT. S84E 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

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 ☒.**

Date: 08/18/06

PrintedName/Title Jeff Blagg – P.E. # 11607 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 Deputy Oil & Gas Inspector, District #3 Signature Date: AUG 0 2 2007

30-045-01142 36.64216 x 101.65547 VNL

CLIENT: BP

BLAGG ENGINEERING, INC.
P.O. BOX 87, BLOOMFIELD, NM 87413
(505) 632-1199

LOCATION NO: 81791
COCR NO: HALL

FIELD REPORT: PIT CLOSURE VERIFICATION

PAGE No: 1 of 1

LOCATION: NAME: Russell LS WELL #: 3 TYPE: DEHY
QUAD/UNIT M SEC: 23 TWP: 28N RNG: 8W PM: NM CNTY: SJ ST: NM
QTR/FOOTAGE: 890 FSL x 1140 FWL SW/SW CONTRACTOR: PxS (TRENNIE)

DATE STARTED 8-11-06
DATE FINISHED 8-11-06
ENVIRONMENTAL SPECIALIST JCB

EXCAVATION APPROX. NA FT. x NA FT. x NA FT. DEEP. CUBIC YARDAGE: 0

DISPOSAL FACILITY: NA REMEDIATION METHOD: CLOSE AS IS

LAND USE: RANGE - BLM LEASE: NM 013860A FORMATION: PC/MV

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 87 FT. S84E FROM WELLHEAD.

DEPTH TO GROUNDWATER: <100 NEAREST WATER SOURCE: >1000 NEAREST SURFACE WATER: <1000

NMOCD RANKING SCORE: 20 NMOCD TPH CLOSURE STD: 100 PPM

SOIL AND EXCAVATION DESCRIPTION:

OVM CALIB. READ. = 53.7 ppm
OVM CALIB. GAS = 100 ppm RF = 0.52
TIME: 0610 (am)/pm DATE 8-11-06

SOIL TYPE: (SAND) / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER
SOIL COLOR Lite Tan
COHESION (ALL OTHERS): (NON COHESIVE) / SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVE
CONSISTENCY (NON COHESIVE SOILS): (LOOSE) / FIRM / DENSE / VERY DENSE
PLASTICITY (CLAYS): NON PLASTIC / SLIGHTLY PLASTIC / COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTIC
DENSITY (COHESIVE CLAYS & SILTS): SOFT / FIRM / STIFF / VERY STIFF / HARD
MOISTURE: (DRY / SLIGHTLY MOIST) / MOIST / WET / SATURATED / SUPER SATURATED
DISCOLORATION/STAINING OBSERVED: YES / (NO) EXPLANATION -
HC ODOR DETECTED: YES / (NO) EXPLANATION -
SAMPLE TYPE: (GRAB) / COMPOSITE - # OF PTS —
ADDITIONAL COMMENTS. 6'x6'x6' Wood lined cellar w/ 21 BBL Steel tank. Use Backhoe to Pull tank & SAMPLE.

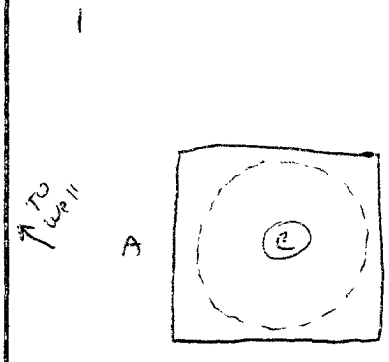
CLOSED

FIELD 418.1 CALCULATIONS

SAMP. TIME	SAMP. ID	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. (ppm)

SCALE
0 FT

PIT PERIMETER



OVM READING

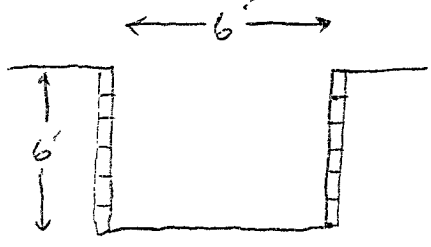
SAMPLE ID	FIELD HEADSPACE (ppm)
1 @	
2 @	
3 @	
4 @	
5 @	
C @ 9'	0.0

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
C @ 9'	T/B/CL	0840
	PASSED	

P D = PIT DEPRESSION, B G. = BELOW GRADE, B = BELOW
T H = TEST HOLE, ~ = APPROX.; T.B. = TANK BOTTOM

PIT PROFILE



TRAVEL NOTES CALLOUT: ONSITE: 8-11-06

revised: 09/04/02 bei1005C skf

Hall Environmental Analysis Laboratory, Inc.

Date: *28-Aug-06*

CLIENT:	Blagg Engineering	**Client Sample ID:**	C@9'
Lab Order:	0608186	**Collection Date:**	8/11/2006 8:40:00 AM
Project:	Russell LS #3	**Date Received:**	8/15/2006
Lab ID:	0608186-01	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **SCC**
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	8/17/2006 1 11.46 PM
Surr: DNOP	101	61 7-135		%REC	1	8/17/2006 1·11.46 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	5 0		mg/Kg	1	8/18/2006 1:24:23 PM
Surr: BFB	116	84.5-129		%REC	1	8/18/2006 1:24 23 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	0.050		mg/Kg	1	8/18/2006 1:24:23 PM
Toluene	ND	0.050		mg/Kg	1	8/18/2006 1:24:23 PM
Ethylbenzene	ND	0.050		mg/Kg	1	8/18/2006 1:24:23 PM
Xylenes, Total	ND	0.15		mg/Kg	1	8/18/2006 1:24:23 PM
Surr· 4-Bromofluorobenzene	107	76.8-115		%REC	1	8/18/2006 1:24 23 PM
EPA METHOD 9056A: ANIONS						Analyst: **TES**
Chloride	ND	1.5		mg/Kg	5	8/26/2006 6:43.58 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

CHAIN-OF-CUSTODY RECORD

QA / QC Package:
Std ☐ Level 4 ☐
Other:

HALL ENVIRONMENTAL ANALYSIS LABORATORY
4901 Hawkins NE, Suite D
Albuquerque, New Mexico 87109
Tel. 505.345.3975 Fax 505.345.4107
www.hallenvironmental.com

Client: BLAGG ENGINEERING INC.
Address: P.O. Box 87
Bloomfield NM 87413
Phone #: 505-632-1199
Fax #:

Project Name: RUSSELL LS #3
Project #:
Project Manager: JEFF BLAGG
Sampler: JEFF BLAGG
Sample Temperature: 3°

ANALYSIS REQUEST

Date	Time	Matrix	Sample I.D. No.	Number/Volume	Preservative $HgCl_2$	Preservative HNO_3	HEAL No.	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gasoline Only)	TPH Method 8015B (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	EDC (Method 8021)	8310 (PNA or PAH)	RCRA 8 Metals	Anions (F, Cl, NO_2, NO_3, PO_4, SO_4)	8081 Pesticides / PCB's (8082)	8260B (VOA)	8270 (Semi-VOA)	Chloride				Air Bubbles or Headspace (Y or N)
8-11-06	0940	SOIL	C @ 9'	1-4 oz			0608186-1	X		X										X				

Date	Time	Relinquished By: (Signature)	Received By: (Signature)	Remarks:
8/15/06	0715	Jeff Blagg	8/15/06 1610	
Date:	Time:	Relinquished By: (Signature)	Received By: (Signature)	

QA/QC SUMMARY REPORT

Client: Blagg Engineering
Project: Russell LS #3 **Work Order:** 0608186

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: SW9056A									
Sample ID: MB-11125		*MBLK*			Batch ID:	**11125**	Analysis Date:	8/26/2006 4:24:42 AM	
Chloride	ND	mg/Kg	0 30						
Sample ID: LCS-11125		*LCS*			Batch ID:	**11125**	Analysis Date:	8/26/2006 5.16.55 AM	
Chloride	14.33	mg/Kg	0.30	95.5	90	110			
Method: SW8015									
Sample ID: 0608186-01AMSD		*MSD*			Batch ID:	**11057**	Analysis Date:	8/17/2006 2:16:26 PM	
Diesel Range Organics (DRO)	49.05	mg/Kg	10	98.1	67.4	117	2.55	17 4	
Sample ID: MB-11057		*MBLK*			Batch ID	**11057**	Analysis Date:	8/17/2006 9:21:53 AM	
Diesel Range Organics (DRO)	ND	mg/Kg	10						
Sample ID: LCS-11057		*LCS*			Batch ID:	**11057**	Analysis Date:	8/17/2006 9:54:40 AM	
Diesel Range Organics (DRO)	44.44	mg/Kg	10	88 9	64.6	116			
Sample ID: LCSD-11057		*LCSD*			Batch ID:	**11057**	Analysis Date.	8/17/2006 10:27:23 AM	
Diesel Range Organics (DRO)	49.29	mg/Kg	10	98.6	64.6	116	10.4	17 4	
Sample ID: 0608186-01AMS		*MS*			Batch ID:	**11057**	Analysis Date:	8/17/2006 1:44:52 PM	
Diesel Range Organics (DRO)	47.82	mg/Kg	10	95.6	67.4	117			
Method: SW8015									
Sample ID: 0608186-01A MSD		*MSD*			Batch ID:	**11050**	Analysis Date.	8/18/2006 7 25 09 PM	
Gasoline Range Organics (GRO)	24.40	mg/Kg	5.0	97.6	73.4	115	4.02	11.6	
Sample ID: MB-11050		*MBLK*			Batch ID:	**11050**	Analysis Date.	8/18/2006 12:55.24 PM	
Gasoline Range Organics (GRO)	ND	mg/Kg	5 0						
Sample ID: 0608186-01A MS		*MS*			Batch ID:	**11050**	Analysis Date	8/18/2006 6 56:17 PM	
Gasoline Range Organics (GRO)	25.40	mg/Kg	5.0	102	73.4	115			

Qualifiers:

- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Blagg Engineering
Project: Russell LS #3 **Work Order:** 0608186

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: SW8021									
Sample ID: 0608186-01A MSD		*MSD*			Batch ID:	**11050**	Analysis Date:		8/18/2006 7:25:09 PM
Benzene	0.3450	mg/Kg	0.050	108	77.5	123	0.405	27	
Toluene	2.188	mg/Kg	0 050	109	85.3	129	0.915	19	
Ethylbenzene	0.4130	mg/Kg	0.050	106	79.6	121	0.892	10	
Xylenes, Total	2.421	mg/Kg	0.15	115	80	130	0 309	13	
Sample ID: MB-11050		*MBLK*			Batch ID	**11050**	Analysis Date.		8/18/2006 12:55.24 PM
Benzene	ND	mg/Kg	0.050						
Toluene	ND	mg/Kg	0.050						
Ethylbenzene	ND	mg/Kg	0.050						
Xylenes, Total	ND	mg/Kg	0.15						
Sample ID: LCS-11050		*LCS*			Batch ID.	**11050**	Analysis Date		8/18/2006 6:27:11 PM
Benzene	0.3326	mg/Kg	0.050	104	77.5	123			
Toluene	2.071	mg/Kg	0.050	104	85.3	129			
Ethylbenzene	0.4037	mg/Kg	0.050	104	79.6	121			
Xylenes, Total	2.321	mg/Kg	0.15	111	80	130			
Sample ID: 0608186-01A MS		*MS*			Batch ID:	**11050**	Analysis Date		8/18/2006 6:56:17 PM
Benzene	0.3464	mg/Kg	0.050	108	77.5	123			
Toluene	2.208	mg/Kg	0.050	110	85.3	129			
Ethylbenzene	0.4167	mg/Kg	0 050	107	79.6	121			
Xylenes, Total	2.429	mg/Kg	0.15	116	80	130			

Qualifiers:

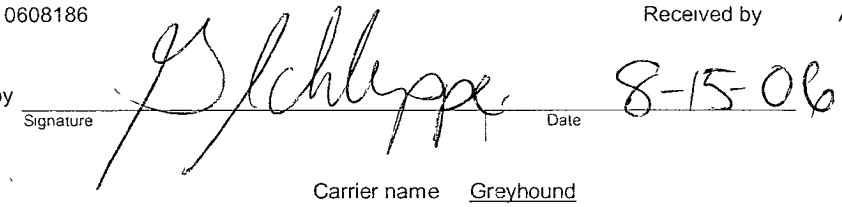
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name BLAGG | Date and Time Received: 8/15/2006

Work Order Number 0608186 | Received by AT

Checklist completed by  Signature Date 8-15-06

Matrix | Carrier name Greyhound

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐	Not Shipped ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	N/A ☑	
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
Water - VOA vials have zero headspace?	No VOA vials submitted ☑	Yes ☐	No ☐	
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑	

Container/Temp Blank temperature? **3°** *4° C ± 2 Acceptable* If given sufficient time to cool.

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding _____

Comments: _____

Corrective Action _____