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: GCU #200 API #: 30-045- 11573 U/L or Qtr/Qtr M Sec 29 T 29N R 12W
County: SAN JUAN Latitude 36.69245 Longitude 108.12793 NAD: 1927 ☐ 1983 ☒ Surface Owner Federal ☐ State ☐ Private ☒ Indian ☐

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

Pit
Type: Drilling ☐ Production ☒ Disposal ☐ SEPARATOR
Workover ☐ Emergency ☐
Lined ☒ Unlined ☐ STEEL TANK
Liner type: Synthetic ☐ Thickness _____mil Clay ☐
Pit Volume _____bbl

Below-grade tank
Volume: _____bbl Type of fluid:
Construction material:
Double-walled, with leak detection? Yes ☐ If not, explain why not.
N/A

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)	20
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)	0
	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 96 FT. S14E 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: 07/14/06

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:
Deputy Oil & Gas Inspect
District #3

Printed Name/Title _____ Signature _____ Date: AUG 0 6 2007

30-045-11513 36.69245 x 108.12793

CLIENT: BP	**BLAGG ENGINEERING, INC.** **P.O. BOX 87, BLOOMFIELD, NM 87413** **(505) 632-1199**	LOCATION NO: B1784 COCR NO: HALL

FIELD REPORT: PIT CLOSURE VERIFICATION

PAGE No: 1 of 1

S

LOCATION: NAME: GCU WELL #: 200 TYPE: SEP

QUAD/UNIT: M SEC: 29 TWP: 29N RNG: 12W PM: NM CNTY: SJ ST: NM

QTR/FOOTAGE: 790 FSL x 990 FWL SW/SW CONTRACTOR: LVR (ADRIAN)

DATE STARTED 6-29-06

DATE FINISHED 6-29-06

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 LEASE: ~~NM-07839~~ FEE FORMATION: DK

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 96 FT. S 14E FROM WELLHEAD.

DEPTH TO GROUNDWATER: <50 NEARSET WATER SOURCE: >1000 NEARSET SURFACE WATER: >1000

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

OVM CALIB. READ. = 52.0 ppm
OVM CALIB. GAS = 100 ppm RF = 0.52
TIME: 1040 am/pm DATE 6/29/06

SOIL AND EXCAVATION DESCRIPTION:

SOIL TYPE: SAND / (SILTY SAND) / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER

SOIL COLOR: YELLOW 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. 5

ADDITIONAL COMMENTS. 15'x15'x6' Deep Pit w/95 BBL STEEL TANK. USE BACKHOE TO PULL TANK & SAMPLE.

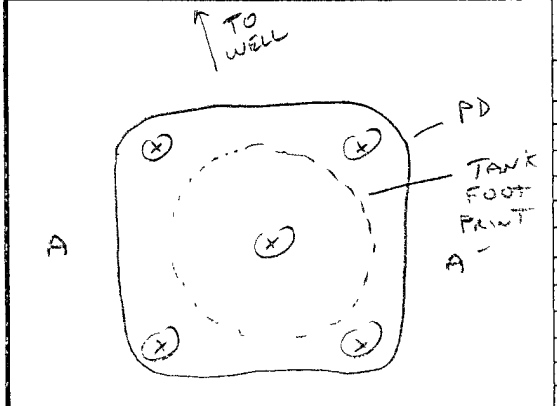
FIELD 418.1 CALCULATIONS

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

SCALE 0 FT

N

PIT PERIMETER



OVM READING

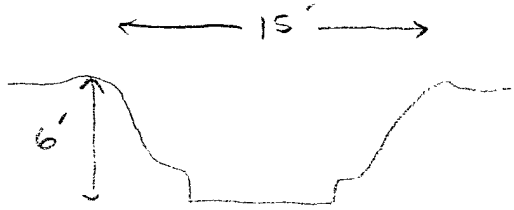
SAMPLE ID	FIELD HEADSPACE (ppm)
1 @	
2 @	
3 @	
4 @	
5 @	
5-Pt Comp	6.1

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
5-Point	T/B	1135

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

PIT PROFILE



TRAVEL NOTES: CALLOUT: ONSITE: 6/29/06

Hall Environmental Analysis Laboratory, Inc.

Date: *12-Jul-06*

CLIENT:	Blagg Engineering	**Client Sample ID:**	5 - Point @ 9'
Lab Order:	0606373	**Collection Date:**	6/29/2006 11:35:00 AM
Project:	BP-GCU 200	**Date Received:**	6/30/2006
Lab ID:	0606373-01	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **SCC**
Diesel Range Organics (DRO)	26	10		mg/Kg	1	7/7/2006 3:27:09 PM
Surr: DNOP	98.9	61.7-135		%REC	1	7/7/2006 3:27:09 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	7/10/2006 11:03:59 PM
Surr: BFB	101	81.7-127		%REC	1	7/10/2006 11:03:59 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	0.050		mg/Kg	1	7/10/2006 11:03:59 PM
Toluene	ND	0.050		mg/Kg	1	7/10/2006 11:03:59 PM
Ethylbenzene	ND	0.050		mg/Kg	1	7/10/2006 11:03:59 PM
Xylenes, Total	ND	0.15		mg/Kg	1	7/10/2006 11:03:59 PM
Surr: 4-Bromofluorobenzene	95.7	76.8-115		%REC	1	7/10/2006 11:03:59 PM
EPA METHOD 9056A: ANIONS						Analyst: **MAP**
Chloride	9.6	1.5		mg/Kg	5	7/11/2006 2:51:43 PM

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.

Project Name: BP-GCU 200

Address: P.O. Box 87
BLOOMFIELD, NM 87413

Project #:

Project Manager: JEFF BLAGG

Phone #: 505-632-1199

Sampler: JEFF BLAGG

Fax #:

Sample Temperature: 5.0

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_3, NO_2, PO_4, SO_4)	8081 Pesticides / PCB's (8082)	8260B (VOA)	8270 (Semi-VOA)	CHLORIDE				Air Bubbles or Headspace (Y or N)
6/29/00	1135	SOIL	5-POINT @ 9'	1-4oz			10d6373-1	X		X										X				

Date	Time	Relinquished By: (Signature)	Received By: (Signature)
6/30/00	0700	Jeff Blagg	6-30-00 1655

Remarks:

QA/QC SUMMARY REPORT

Client: Blagg Engineering
Project: BP-GCU 200 **Work Order:** 0606373

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: E300									
Sample ID: MB-10776		*MBLK*			Batch ID: **10776**		Analysis Date:	7/11/2006 2:16:55 PM	
Chloride	ND	mg/Kg	0.30						
Sample ID: LCS-10776		*LCS*			Batch ID: **10776**		Analysis Date:	7/11/2006 2:34:19 PM	
Chloride	14.65	mg/Kg	0.30	97.7	90	110			
Method: SW8015									
Sample ID: MB-10742		*MBLK*			Batch ID: **10742**		Analysis Date:	7/4/2006 6:49:41 PM	
Diesel Range Organics (DRO)	ND	mg/Kg	10						
Sample ID: LCS-10742		*LCS*			Batch ID: **10742**		Analysis Date:	7/4/2006 7:22:43 PM	
Diesel Range Organics (DRO)	48.61	mg/Kg	10	97.2	64.6	116			
Sample ID: LCSD-10742		*LCSD*			Batch ID: **10742**		Analysis Date:	7/4/2006 7:55:45 PM	
Diesel Range Organics (DRO)	52.28	mg/Kg	10	105	64.6	116	7.28	17.4	
Method: SW8015									
Sample ID: 0606373-01A MSD		*MSD*			Batch ID: **10753**		Analysis Date:	7/11/2006 12:02:00 AM	
Gasoline Range Organics (GRO)	25.50	mg/Kg	5.0	102	73.4	115	3.19	11.6	
Sample ID: MB-10753		*MBLK*			Batch ID: **10753**		Analysis Date:	7/10/2006 9:36:44 PM	
Gasoline Range Organics (GRO)	ND	mg/Kg	5.0						
Sample ID: LCS-10753		*LCS*			Batch ID: **10753**		Analysis Date:	7/10/2006 10:05:50 PM	
Gasoline Range Organics (GRO)	24.90	mg/Kg	5.0	99.6	73.4	115			
Sample ID: 0606373-01A MS		*MS*			Batch ID: **10753**		Analysis Date:	7/10/2006 11:33:03 PM	
Gasoline Range Organics (GRO)	24.70	mg/Kg	5.0	98.8	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: BP-GCU 200 **Work Order:** 0606373

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: **SW8021**									
Sample ID: 0606373-01A MSD		*MSD*			Batch ID:	**10753**	Analysis Date:	7/11/2006 12:02:00 AM	
Benzene	0.3025	mg/Kg	0.050	94.5	77.5	123	0.697	27	
Toluene	1.892	mg/Kg	0.050	94.6	85.3	129	0.164	19	
Ethylbenzene	0.3873	mg/Kg	0.050	99.3	79.6	121	0.908	10	
Xylenes, Total	2.265	mg/Kg	0.15	105	80	130	0.186	13	
Sample ID: MB-10753		*MBLK*			Batch ID:	**10753**	Analysis Date:	7/10/2006 9:36:44 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-10753		*LCS*			Batch ID:	**10753**	Analysis Date:	7/10/2006 10:05:50 PM	
Benzene	0.2926	mg/Kg	0.050	91.4	77.5	123			
Toluene	1.842	mg/Kg	0.050	92.1	85.3	129			
Ethylbenzene	0.3827	mg/Kg	0.050	98.1	79.6	121			
Xylenes, Total	2.252	mg/Kg	0.15	104	80	130			
Sample ID: 0606373-01A MS		*MS*			Batch ID:	**10753**	Analysis Date:	7/10/2006 11:33:03 PM	
Benzene	0.3004	mg/Kg	0.050	93.9	77.5	123			
Toluene	1.895	mg/Kg	0.050	94.8	85.3	129			
Ethylbenzene	0.3838	mg/Kg	0.050	98.4	79.6	121			
Xylenes, Total	2.261	mg/Kg	0.15	105	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: 6/30/2006

Work Order Number 0606373 | Received by AT

Checklist completed by _____ Signature _____ Date 6/30/06

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? **6°** *4° C ± 2 Acceptable* If given sufficient time to cool.

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding _____

Comments: _____

Corrective Action _____