

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 ☒

Operator: <u>BP AMERICA PROD. CO.</u> Telephone: <u>(505)-326-9200</u> e-mail address: _____		
Address: <u>200 ENERGY COURT, FARMINGTON, NM 87410</u>		
Facility or well name: <u>SAMMONS GC H #1</u> API #: <u>30-045- 22221</u> U/L or Qtr/Qtr <u>P</u> Sec <u>6</u> T <u>31N</u> R <u>10W</u>		
County: <u>SAN JUAN</u> Latitude <u>36.92320</u> Longitude <u>107.91683</u> NAD: 1927 <input type="checkbox"/> 1983 <input checked="" type="checkbox"/> Surface Owner Federal <input type="checkbox"/> State <input type="checkbox"/> Private <input checked="" type="checkbox"/> Indian <input type="checkbox"/>		
RCVD APR5'07		
Pit Type: Drilling <input type="checkbox"/> Production <input checked="" type="checkbox"/> Disposal <input type="checkbox"/> <u>ABANDON</u> Workover: <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input type="checkbox"/> Unlined <input checked="" type="checkbox"/> Liner type: Synthetic <input type="checkbox"/> Thickness _____ mil Clay <input type="checkbox"/> Pit Volume _____ bbl	Below-grade tank Volume: _____ bbl Type of fluid: _____ Construction material: <u>M/A</u> Double-walled, with leak detection? Yes <input checked="" type="checkbox"/> If not, explain why not. _____	OIL CONS. DIV. DIST. 3
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) 10 (0 points)
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 (0 points)
Ranking Score (Total Points)		10

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 you 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	<u>PIT LOCATED APPROXIMATELY 75 FT. N62E FROM WELL HEAD.</u>
PIT EXCAVATION: WIDTH	<u>N/A ft. , LENGTH N/A ft. , DEPTH N/A ft. .</u>
PIT REMEDIATION: CLOSE AS IS: <input checked="" type="checkbox"/> LANDFARM: <input type="checkbox"/> COMPOST: <input type="checkbox"/> STOCKPILE: <input type="checkbox"/> OTHER <input type="checkbox"/> (explain)	
Cubic yards:	<u>N/A</u>

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: 06/14/06

Printed Name/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 Inspector,
Printed Name/Title District #3

Signature _____

Date: AUG 02 2007

30-045-22221

36.92320 x 107.91683

VUL

CLIENT: <u>BP</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>B1776</u> COCR NO: <u>HALL</u>
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FIELD REPORT: PIT CLOSURE VERIFICATION		PAGE No: <u>1</u> of <u>1</u>
LOCATION: NAME: <u>SAMMOS GC H</u> WELL#: <u>1</u> TYPE: <u>ABANDON</u> QUAD/UNIT: <u>P</u> SEC: <u>6</u> TWP: <u>31N</u> RNG: <u>10W</u> PM: <u>NM</u> CNTY: <u>SJ</u> ST: <u>NM</u> QTR/FOOTAGE: <u>1040 FSL x 840 FEL SE/SE</u> CONTRACTOR: <u>HDI (LIONEL)</u>		DATE STARTED <u>5/30/06</u> DATE FINISHED <u>5/30/06</u> ENVIRONMENTAL SPECIALIST: <u>JCB</u>

EXCAVATION APPROX. <u>NA</u> FT. x <u>NA</u> FT. x <u>NA</u> FT. DEEP. CUBIC YARDAGE: <u>0</u>
DISPOSAL FACILITY: <u>NA</u> REMEDIATION METHOD: <u>CLOSE AS IS</u>
LAND USE: <u>RANGE - FEE</u> LEASE: <u>FEE</u> FORMATION: <u>PC (PxA)</u>

FIELD NOTES & REMARKS:	PIT LOCATED APPROXIMATELY <u>75</u> FT. <u>N62E</u> FROM WELLHEAD. DEPTH TO GROUNDWATER: <u>>50</u> NEAREST WATER SOURCE: <u>>1000</u> NEAREST SURFACE WATER: <u>>1000</u> NMOCD RANKING SCORE: <u>10</u> NMOCD TPH CLOSURE STD: <u>1000</u> PPM
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SOIL AND EXCAVATION DESCRIPTION:	OVM CALIB. READ = <u>53.6</u> ppm OVM CALIB. GAS = <u>100</u> ppm RF = 0.52 TIME: <u>1530</u> am/pm DATE <u>5/30/06</u>
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SOIL TYPE SAND / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER _____

SOIL COLOR: _____

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: 12' x 12' x 3' ± Deep Earthen Pit @ PxA well
in 1998 - covered sometime after 1998 - USE
BACKHOLE to dig test hole.

SCALE	FIELD 418.1 CALCULATIONS							
0 FT	SAMP. TIME	SAMP. ID	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. (ppm)

PIT PERIMETER

PIT PROFILE

OVM READING	
SAMPLE ID	FIELD HEADSPACE (ppm)
1 @	
2 @	
3 @	
4 @	
5 @	
CE 6'	0.0

LAB SAMPLES		
SAMPLE ID	ANALYSIS	TIME
CE 6'	TRAC	

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

TRAVEL NOTES.

CALLOUT: _____ ONSITE: 5/30/06

Hall Environmental Analysis Laboratory

Date: 09-Jun-06

CLIENT: Blagg Engineering
Lab Order: 0606022
Project: Sammons H1
Lab ID: 0606022-01

Client Sample ID: C @ 6'
Collection Date: 5/30/2006 11:12:00 AM
Date Received: 6/1/2006
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: SCC
Diesel Range Organics (DRO)	18	10		mg/Kg	1	6/7/2006 11:04:02 AM
Surr: DNOP	100	61.7-135		%REC	1	6/7/2006 11:04:02 AM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/6/2006 6:28:27 PM
Surr: BFB	93.2	81.7-127		%REC	1	6/6/2006 6:28:27 PM
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	ND	0.050		mg/Kg	1	6/6/2006 6:28:27 PM
Toluene	ND	0.050		mg/Kg	1	6/6/2006 6:28:27 PM
Ethylbenzene	ND	0.050		mg/Kg	1	6/6/2006 6:28:27 PM
Xylenes, Total	ND	0.15		mg/Kg	1	6/6/2006 6:28:27 PM
Surr: 4-Bromofluorobenzene	97.5	77.6-114		%REC	1	6/6/2006 6:28:27 PM
EPA METHOD 9056A: ANIONS						Analyst: MAP
Chloride	110	3.0		mg/Kg	10	6/8/2006 2:37:45 AM

Qualifiers:



- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

QA/QC Package:

Std  Level 4 

Other:

Project Name:

Client: Black Eagle

SAMMONS H I

Project #:

Address: P.O. Box 97

BLOOMFIELD NM 87413

Project Manager:

5. Back

Sampler: J. Black

Phone #: 505-632-1199

Sample Temperature:

Number/Volume

Sample I.D. No.

Matrix

Date _____ Time _____

Preservative

HgCl ₂	HNO ₃
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 HNO_3

HEAL No.

207-1

1117 Soil 206'

1

4

Date:	Time:	Relinquished By: (Signature)
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Relinquished By: (Signature)

Received By: (Signature)

1521

Date:	Time:	Relinquished By: (Signature)
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Relinquished By: (Signature)

Received By: (Signature)

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ANALYSIS REQUEST

[illegible]

Remarks:

QA/QC SUMMARY REPORT

Client: Blagg Engineering
 Project: Sammons H1

Work Order: 0606022

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: E300								Batch ID: 10575	
Sample ID: MB-10575		MBLK						Analysis Date: 6/7/2006	
Chloride	ND	mg/Kg	0.30						
Sample ID: LCS-10575		LCS						Analysis Date: 6/7/2006	
Chloride	14.09	mg/Kg	0.30	94.0	90	110			
Method: SW8015								Batch ID: 10554	
Sample ID: MB-10554		MBLK						Analysis Date: 6/6/2006	
iesel Range Organics (DRO)	ND	mg/Kg	10						
Sample ID: LCS-10554		LCS						Analysis Date: 6/6/2006	
iesel Range Organics (DRO)	47.47	mg/Kg	10	94.9	64.6	116			
Sample ID: LCSD-10554		LCSD						Analysis Date: 6/6/2006	
iesel Range Organics (DRO)	50.04	mg/Kg	10	100	64.6	116	5.27	17.4	
Method: SW8015								Batch ID: 10565	
Sample ID: MB-10565		MBLK						Analysis Date: 6/6/2006	
asoline Range Organics (GRO)	ND	mg/Kg	5.0						
Sample ID: LCS-10565		LCS						Analysis Date: 6/7/2006	
asoline Range Organics (GRO)	21.80	mg/Kg	5.0	87.2	73.4	115			
Method: SW8021								Batch ID: 10565	
Sample ID: MB-10565		MBLK						Analysis Date: 6/6/2006	
enzene	ND	mg/Kg	0.050						
luene	ND	mg/Kg	0.050						
thylbenzene	ND	mg/Kg	0.050						
ylenes, Total	ND	mg/Kg	0.15						
Sample ID: LCS-10565		LCS						Analysis Date: 6/6/2006	
enzene	0.3007	mg/Kg	0.050	79.1	77.5	123			
luene	1.908	mg/Kg	0.050	90.1	85.3	129			
thylbenzene	0.4012	mg/Kg	0.050	103	79.6	121			
ylenes, Total	2.317	mg/Kg	0.15	110	80	130			

Qualifiers:

E Value above quantitation range
 J Analyte detected below quantitation limits
 R RPD outside accepted recovery limits

H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory

Sample Receipt Checklist

Client Name BLAGG

Date and Time Received:

6/1/2006

Work Order Number 0606022

Received by LMM

Checklist completed by

Leo Helander
Signature

6/1/06
Date

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?

1°

4° C ± 2 Acceptable

If given sufficient time to cool.

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding _____

Comments: _____

Corrective Action _____