

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

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

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>FLORANCE H #37A</u> API #: <u>30-045- 22274</u> U/L or Qtr/Qtr <u>J</u> Sec <u>6</u> T <u>30N</u> R <u>8W</u>		
County: <u>SAN JUAN</u> Latitude <u>36.83759</u> Longitude <u>107.71220</u> NAD: 1927 <input type="checkbox"/> 1983 <input checked="" type="checkbox"/> Surface Owner Federal <input checked="" type="checkbox"/> State <input type="checkbox"/> Private <input type="checkbox"/> Indian <input type="checkbox"/>		
RCUD APR5'07		
Pit Type: Drilling <input type="checkbox"/> Production <input checked="" type="checkbox"/> Disposal <input type="checkbox"/> <u>BLOW</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: <u>N/A</u> Construction material: <u>N/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) 20 (0 points)
Ranking Score (Total Points)		30

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. N72W FROM WELL HEAD.</u>
PIT EXCAVATION: WIDTH	<u>N/A ft.</u> , LENGTH <u>N/A ft.</u> , DEPTH <u>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 [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 [Signature] Date: AUG 09 2007

CLIENT: <u>BP</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>81777</u> COCR NO: <u>HALL</u>																																
FIELD REPORT: PIT CLOSURE VERIFICATION		PAGE No: <u>1</u> of <u>1</u>																																
LOCATION: NAME: <u>FLORANCE H</u> WELL #: <u>37A</u> TYPE: <u>BLOW</u> QUAD/UNIT <u>J</u> SEC: <u>6</u> TWP: <u>30N</u> RNG: <u>8W</u> PM: <u>NM</u> CNTY: <u>SJ</u> ST: <u>NM</u> QTR/FOOTAGE: <u>1780 FSL x 1495 FEL</u> ^{NW 1/4} 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>NA</u>																																		
LAND USE: <u>RANGE- BLM</u> LEASE: <u>NM-09717</u> FORMATION: <u>MV</u>																																		
FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY <u>75</u> FT. <u>N 72W</u> FROM WELLHEAD.																																		
DEPTH TO GROUNDWATER: <u>>50</u> NEAREST WATER SOURCE: <u>>1000</u> NEAREST SURFACE WATER: <u><200</u>																																		
NMOC D RANKING SCORE: <u>20</u> NMOC D TPH CLOSURE STD: <u>100</u> PPM																																		
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>																																
SOIL TYPE: SAND / <u>SILTY SAND</u> / SILT / <u>SILTY CLAY</u> / CLAY / GRAVEL / OTHER SOIL COLOR: <u>DARK BROWN 0'-6'; LIGHT TAN 6'-9'</u> COHESION (ALL OTHERS): NON COHESIVE / <u>SLIGHTLY COHESIVE</u> / COHESIVE / HIGHLY COHESIVE CONSISTENCY (NON COHESIVE SOILS): LOOSE / <u>FIRM</u> / 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 / <u>SLIGHTLY MOIST</u> / MOIST / WET / SATURATED / SUPER SATURATED DISCOLORATION/STAINING OBSERVED: YES / <u>NO</u> EXPLANATION - HC ODOR DETECTED: YES / <u>NO</u> EXPLANATION - SAMPLE TYPE <u>GRAB</u> / COMPOSITE - # OF PTS. <u>—</u> ADDITIONAL COMMENTS: <u>ORIGINAL PIT 20'x20'x6' E, covered after 1998.</u> <u>USE BACKHOE TO DIG INTO PIT & SAMPLE. NO</u> <u>evidence of contamination</u>																																		
FIELD 418.1 CALCULATIONS																																		
SCALE	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>SAMP. TIME</th> <th>SAMP. ID</th> <th>LAB NO.</th> <th>WEIGHT (g)</th> <th>mL FREON</th> <th>DILUTION</th> <th>READING</th> <th>CALC. (ppm)</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>		SAMP. TIME	SAMP. ID	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. (ppm)																								
SAMP. TIME	SAMP. ID	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. (ppm)																											
0 1 FT	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">OVM READING</th> </tr> <tr> <th>SAMPLE ID</th> <th>FIELD HEADSPACE (ppm)</th> </tr> </thead> <tbody> <tr><td>1 @</td><td> </td></tr> <tr><td>2 @</td><td> </td></tr> <tr><td>3 @</td><td> </td></tr> <tr><td>4 @</td><td> </td></tr> <tr><td>5 @</td><td> </td></tr> <tr><td>C @ 9'</td><td>1.2</td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </tbody> </table>		OVM READING		SAMPLE ID	FIELD HEADSPACE (ppm)	1 @		2 @		3 @		4 @		5 @		C @ 9'	1.2																
OVM READING																																		
SAMPLE ID	FIELD HEADSPACE (ppm)																																	
1 @																																		
2 @																																		
3 @																																		
4 @																																		
5 @																																		
C @ 9'	1.2																																	
PIT PERIMETER 		PIT PROFILE 																																
LAB SAMPLES <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>SAMPLE ID</th> <th>ANALYSIS</th> <th>TIME</th> </tr> </thead> <tbody> <tr><td>C @ 9'</td><td>T/SCL</td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>		SAMPLE ID	ANALYSIS	TIME	C @ 9'	T/SCL																							ORIGINAL PIT 					
SAMPLE ID	ANALYSIS	TIME																																
C @ 9'	T/SCL																																	
PD = PIT DEPRESSION, B.G. = BELOW GRADE, B = BELOW TH = TEST HOLE, ~ = APPROX., T.B. = TANK BOTTOM																																		
TRAVEL NOTES: CALLOUT: _____ ONSITE: <u>5/30/06</u>																																		

Hall Environmental Analysis Laboratory

Date: 09-Jun-06

CLIENT: Blagg Engineering
 Lab Order: 0606023
 Project: Florance H 37 A
 Lab ID: 0606023-01

Client Sample ID: C @ 9'
 Collection Date: 5/30/2006 12:30:00 PM
 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)	16	10		mg/Kg	1	6/7/2006 11:37:05 AM
Surr: DNOP	98.6	61.7-135		%REC	1	6/7/2006 11:37:05 AM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/6/2006 7:55:53 PM
Surr: BFB	93.6	81.7-127		%REC	1	6/6/2006 7:55:53 PM
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	ND	0.050		mg/Kg	1	6/6/2006 7:55:53 PM
Toluene	ND	0.050		mg/Kg	1	6/6/2006 7:55:53 PM
Ethylbenzene	ND	0.050		mg/Kg	1	6/6/2006 7:55:53 PM
Xylenes, Total	ND	0.050		mg/Kg	1	6/6/2006 7:55:53 PM
Surr: 4-Bromofluorobenzene	97.9	77.6-114		%REC	1	6/6/2006 7:55:53 PM
EPA METHOD 9056A: ANIONS						Analyst: MAP
Chloride	2.0	1.5		mg/Kg	5	6/8/2006 2:55:09 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

Client: <u>BLAG ENGR. INC.</u>	Project Name: <u>FLORANCE H 37A</u>
Address: <u>P.O. Box 87</u> <u>Bloomfield, NM 87413</u>	Project #: <u></u>
	Project Manager: <u>J. BLAGG</u>
Phone #: <u>505-632-1199</u>	Sampler: <u>J. BLAGG</u>
Fax #: <u></u>	Sample Temperature: <u>10</u>

Std ☐ Level 4 ☐

Other:

Project Name:
FLORANCE H 37A

Project #:

Project Manager:

Sampler: J. BLAGG

Sample Temperature:

[illegible]

Date: 6/1/06	Time: 0745	Relinquished By: (Signature) J H Bessy	Received By: (Signature) J H Bessy
Date:	Time:	Relinquished By: (Signature)	Received By: (Signature)



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

ANALYSIS REQUEST

									X	BTEX + FATB + MTBE's (8021)
										BTEX + MTBE + TPH (Gasoline Only)
									X	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)
									X	CHLORIDE
										Air Bubbles or Headspace (Y or N)

Remarks:	
----------	--

QA/QC SUMMARY REPORT

Client: Blagg Engineering

Project: Florance H 37 A

Work Order: 0606023

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									
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
Diesel Range Organics (DRO)	ND	mg/Kg	10						
Sample ID: LCS-10554									
Analysis Date: 6/6/2006									
Diesel Range Organics (DRO)	47.47	mg/Kg	10	94.9	64.6	116			
Sample ID: LCSD-10554									
Analysis Date: 6/6/2006									
Diesel 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
Gasoline Range Organics (GRO)	ND	mg/Kg	5.0						
Sample ID: LCS-10565									
Analysis Date: 6/7/2006									
Gasoline 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
benzene	ND	mg/Kg	0.050						
toluene	ND	mg/Kg	0.050						
ethylbenzene	ND	mg/Kg	0.050						
xylene, Total	ND	mg/Kg	0.15						
Sample ID: LCS-10565									
Analysis Date: 6/6/2006									
benzene	0.3007	mg/Kg	0.050	79.1	77.5	123			
toluene	1.908	mg/Kg	0.050	90.1	85.3	129			
ethylbenzene	0.4012	mg/Kg	0.050	103	79.6	121			
xylene, 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 0606023

Received by LMM

Checklist completed by Lisa Tiedikus 6/1/06
Signature Date

Matrix

Carrier name Greyhound

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