

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: <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>MUDGE B #14A</u> API #: <u>30-045- 23178</u> U/L or Qtr/Qtr <u>F</u> Sec <u>21</u> T <u>31N</u> R <u>11W</u>		
County: <u>SAN JUAN</u> Latitude <u>36.88718</u> Longitude <u>107.99953</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"/>		
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: _____ Construction material: <u>N/A</u> Double-walled, with leak detection? Yes <input type="checkbox"/> 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) 20 (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) 10 (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 111 FT. S65E FROM WELL HEAD.</u>
<u>PIT EXCAVATION: WIDTH N/Aft., LENGTH N/Aft., DEPTH N/Aft.</u>	
<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)</u>	
Cubic yards: <u>N/A</u>	RCVD JUN13'07 OIL CONS. DIV. DIST. 3


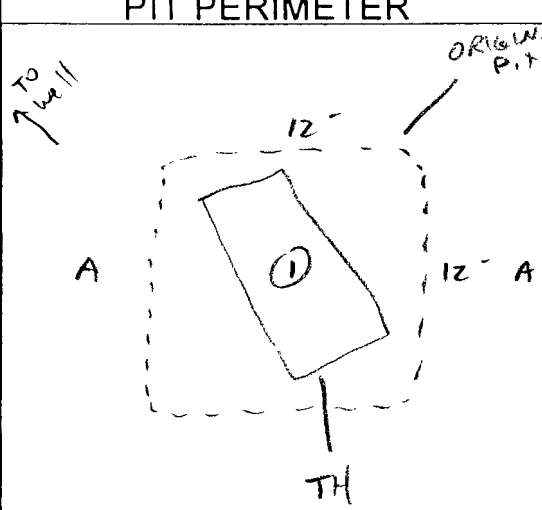
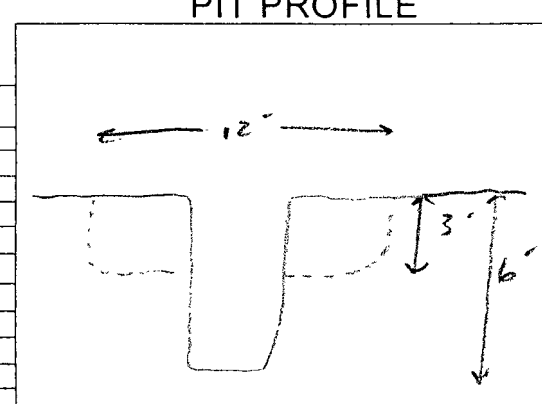
I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that the above-described pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☒, a general permit ☐, or an alternative OCD-approved plan ☒.

Date: 05/19/06

Printed Name/Title Jeff Blagg – P.E. # 11607 Signature Jeff C. Blagg

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 Bob Lall Date: AUG 10 2007

CLIENT: <u>BP</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>B1570</u> COCR NO: <u>HALL</u>																																																																																		
FIELD REPORT: PIT CLOSURE VERIFICATION		PAGE No: <u>1</u> of <u>1</u>																																																																																		
LOCATION: NAME: <u>MUDGE B</u> WELL #: <u>14A</u> TYPE: <u>BLOW</u> QUAD/UNIT: <u>F</u> SEC: <u>21</u> TWP: <u>31N</u> RNG: <u>11W</u> PM: <u>NM</u> CNTY: <u>SJ</u> ST: <u>NM</u> QTR/FOOTAGE: <u>1560 FNL x 1685 FWL</u> ^{SEALS} CONTRACTOR: <u>HDI - Luvell</u>		DATE STARTED: <u>5-5-06</u> DATE FINISHED: <u>5-5-06</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>																																																																																				
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SOIL AND EXCAVATION DESCRIPTION: SOIL TYPE: SAND / <u>SILTY SAND</u> / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER _____ SOIL COLOR: _____ 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>12' x 12' x 3' ± Deep Pit. Backfilled same time</u> <u>After 9/1998. Use Backhoe to dig into Pit & sample.</u> <u>Fencing DEBRIS 2'-3'</u>		OVM CALIB. READ. = <u>53.8</u> ppm OVM CALIB. GAS = <u>100</u> ppm RF = 0.52 TIME: <u>0655</u> <u>am</u> DATE <u>5/5/06</u>																																																																																		
<div style="display: flex; justify-content: space-between;"> <div style="width: 20%;"> SCALE  0 FT </div> <div style="width: 80%;"> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="8">FIELD 418.1 CALCULATIONS</th> </tr> <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> </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="width: 45%;"> PIT PERIMETER  </div> <div style="width: 45%;"> PIT PROFILE  </div> </div> <div style="margin-top: 10px;"> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="3">OVM READING</th> </tr> <tr> <th>SAMPLE ID</th> <th>FIELD HEADSPACE (ppm)</th> <th> </th> </tr> </thead> <tbody> <tr><td>1 @ 6'</td><td>0.0</td><td> </td></tr> <tr><td>2 @</td><td> </td><td> </td></tr> <tr><td>3 @</td><td> </td><td> </td></tr> <tr><td>4 @</td><td> </td><td> </td></tr> <tr><td>5 @</td><td> </td><td> </td></tr> </tbody> </table> <table border="1" style="width:100%; border-collapse: collapse; margin-top: 5px;"> <thead> <tr> <th colspan="3">LAB SAMPLES</th> </tr> <tr> <th>SAMPLE ID</th> <th>ANALYSIS</th> <th>TIME</th> </tr> </thead> <tbody> <tr> <td>106</td> <td>T/B/CL</td> <td>1012</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> </div>			FIELD 418.1 CALCULATIONS								SAMP. TIME	SAMP. ID	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. (ppm)																									OVM READING			SAMPLE ID	FIELD HEADSPACE (ppm)		1 @ 6'	0.0		2 @			3 @			4 @			5 @			LAB SAMPLES			SAMPLE ID	ANALYSIS	TIME	106	T/B/CL	1012												
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Hall Environmental Analysis Laboratory

Date: 18-May-06

CLIENT: Blagg Engineering
Lab Order: 0605100
Project: Mudge B 14A
Lab ID: 0605100-02

Client Sample ID: Blow, 1 @ 6'
Collection Date: 5/5/2006 10:12:00 AM
Date Received: 5/9/2006
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	5/16/2006 1:24:54 PM
Surr: DNOP	103	61.7-135		%REC	1	5/16/2006 1:24:54 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: HLM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	5/12/2006 2:01:46 PM
Surr: BFB	92.2	81.7-127		%REC	1	5/12/2006 2:01:46 PM
EPA METHOD 8021B: VOLATILES						Analyst: HLM
Benzene	ND	0.050		mg/Kg	1	5/12/2006 2:01:46 PM
Toluene	ND	0.050		mg/Kg	1	5/12/2006 2:01:46 PM
Ethylbenzene	ND	0.050		mg/Kg	1	5/12/2006 2:01:46 PM
Xylenes, Total	ND	0.15		mg/Kg	1	5/12/2006 2:01:46 PM
Surr: 4-Bromofluorobenzene	97.2	77.6-114		%REC	1	5/12/2006 2:01:46 PM
EPA METHOD 9056A: ANIONS						Analyst: MAP
Chloride	950	3.0		mg/Kg	10	5/15/2006 4:51:27 PM

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