

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>HUGHES LS #23</u> API #: <u>30-045- 21169</u> U/L or Qtr/Qtr <u>L</u> Sec <u>29</u> T <u>29N</u> R <u>8W</u>		
County: <u>SAN JUAN</u> Latitude <u>36.69369</u> Longitude <u>107.70614</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"/>		
<b>Pit</b> Type: Drilling <input type="checkbox"/> Production <input type="checkbox"/> Disposal <input checked="" type="checkbox"/> <u>SEPARATOR</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	<b>Below-grade tank</b> 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) <u>0</u> ( 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) <u>0</u>
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) <u>0</u> ( 0 points)
<b>Ranking Score (Total Points)</b>		<b>0</b>

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 24 FT. S2W FROM WELL HEAD.</u>
<u>PIT EXCAVATION: WIDTH N/A ft., LENGTH N/A ft., DEPTH N/A ft.</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>
<u>BEDROCK BOTTOM, NO TPH OR CHLORIDE ANALYSIS CONDUCTED</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: 11/16/05

Printed Name/Title Jeff Blagg - P.E. # 11607

Signature Jeff 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:

Printed Name/Title DEPUTY OIL & GAS INSPECTOR, DIST. 03

Signature [Signature]

Date: FEB 28 2006

CLIENT: <u>BP</u>	<b>BLAGG ENGINEERING, INC.</b> <b>P.O. BOX 87, BLOOMFIELD, NM 87413</b> <b>(505) 632-1199</b>	LOCATION NO: <u>B1698</u> COCR NO: <u>—</u>
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<b>FIELD REPORT: PIT CLOSURE VERIFICATION</b>		PAGE No: <u>1</u> of <u>1</u>
LOCATION: NAME: <u>HUGHES</u> <u>LS</u> WELL #: <u>23</u> TYPE: <u>SEP</u>		DATE STARTED: <u>11/16/05</u>
QUAD/UNIT: <u>L</u> SEC: <u>29</u> TWP: <u>29N</u> RNG: <u>8W</u> PM: <u>NM</u> CNTY: <u>JJ</u> ST: <u>NM</u>		DATE FINISHED: <u>—</u>
QTR/FOOTAGE: <u>1480'S/800'W</u> NW/5W CONTRACTOR: <u>P+5 (FERNANDO)</u>		ENVIRONMENTAL SPECIALIST: <u>NV</u>

  

EXCAVATION APPROX. <u>NA</u> FT. x <u>NA</u> FT. x <u>NA</u> FT. DEEP. CUBIC YARDAGE: <u>NA</u>
DISPOSAL FACILITY: <u>ON-SITE</u> REMEDIATION METHOD: <u>CLOSE AS IS</u>
LAND USE: <u>RANGE - BLM</u> LEASE: <u>5F 078046</u> FORMATION: <u>PC</u>

  

FIELD NOTES & REMARKS:		
PIT LOCATED APPROXIMATELY <u>24</u> FT. <u>SW</u> FROM WELLHEAD.		
DEPTH TO GROUNDWATER: <u>&gt;100'</u>	NEAREST WATER SOURCE: <u>&gt;1,000'</u>	NEAREST SURFACE WATER: <u>&gt;1,000'</u>
NMOCD RANKING SCORE: <u>0</u>	NMOCD TPH CLOSURE STD: <u>5,000</u> PPM	

  

SOIL AND EXCAVATION DESCRIPTION:	
SOIL TYPE: <u>SAND</u> / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER <u>BEDROCK (SANDSTONE)</u>	OVM CALIB. READ. = <u>51.2</u> ppm (CHECK)
SOIL COLOR: <u>DK. YELL. ORANGE</u>	OVM CALIB. GAS = <u>100</u> ppm RF = 0.52
COHESION (ALL OTHERS): <u>NON COHESIVE</u> / SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVE	TIME: <u>10:30</u> am/pm DATE: <u>11/16/05</u>
CONSISTENCY (NON COHESIVE SOILS): <u>LOOSE</u> / <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	<b>CLOSED</b>
DISCOLORATION/STAINING OBSERVED: YES <u>NO</u> EXPLANATION - <u>—</u>	
HC ODOR DETECTED: YES <u>NO</u> EXPLANATION - <u>—</u>	
SAMPLE TYPE: <u>GRAB</u> COMPOSITE - # OF PTS. <u>—</u>	
ADDITIONAL COMMENTS: <u>COLLECTED SAMPLE FROM BEDROCK. BEDROCK - VERY HARD, COMPETENT.</u>	
<u>BEDROCK BOTTOM</u> <u>NO TPH OR CHLORIDE ANALYSIS CONDUCTED.</u>	

  

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

  

<b>PIT PERIMETER</b> 	<b>OVM READING</b> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>SAMPLE ID</th> <th>FIELD HEADSPACE (ppm)</th> </tr> <tr><td>1 @ 6'</td><td>0.0</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> </table>	SAMPLE ID	FIELD HEADSPACE (ppm)	1 @ 6'	0.0	2 @		3 @		4 @		5 @		<b>PIT PROFILE</b> <p style="text-align: center; font-size: 2em;">NOT APPLICABLE</p>
SAMPLE ID	FIELD HEADSPACE (ppm)													
1 @ 6'	0.0													
2 @														
3 @														
4 @														
5 @														

  

LAB SAMPLES		
SAMPLE ID	ANALYSIS	TIME
	—	1017

  

TRAVEL NOTES: CALLOUT: <u>11/16/05 - MORN.</u> ONSITE: <u>11/16/05 - MORN.</u>		
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