

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**

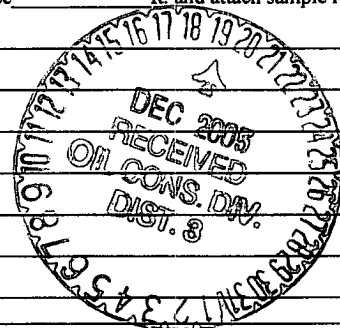
Is pit or below-grade tank covered by a "general plan"? Yes ☒ No ☐

Type of action: Registration of a pit or below-grade tank ☐ Closure of a pit or below-grade tank ☒

Operator: <u>BP America Production Company</u> Telephone: <u>(505)326-9200</u> e-mail address: _____		
Address: <u>200 Energy Ct, Farmington, NM 87401</u>		
Facility or well name: <u>Mudge C #1</u> API #: <u>30045 23951</u> U/L or Qtr/Qtr <u>M</u> Sec <u>9</u> T <u>31N</u> R <u>11W</u>		
County: <u>San Juan</u> Latitude _____ Longitude _____ NAD: 1927 <input type="checkbox"/> 1983 <input type="checkbox"/>		
Surface Owner: Federal <input type="checkbox"/> State <input type="checkbox"/> Private <input type="checkbox"/> Indian <input type="checkbox"/>		
<b>Pit</b> Type: Drilling <input type="checkbox"/> Production <input checked="" type="checkbox"/> Disposal <input type="checkbox"/> Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input type="checkbox"/> Unlined <input 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: _____ 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	(20 points)
	50 feet or more, but less than 100 feet	(10 points)
	100 feet or more	( 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	(20 points)
	No	( 0 points)
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	Less than 200 feet	(20 points)
	200 feet or more, but less than 1000 feet	(10 points)
	1000 feet or more	( 0 points)
Ranking Score (Total Points)		

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:
See Attached Documentation



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 (attached) alternative OCD-approved plan ☐.

Date: 11/01/2005

Printed Name/Title Jeffrey C. Blagg, Agent

Signature Jeffrey 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:

Printed Name/Title SECURITY OIL & GAS INSPECTOR, DIST. 3

Signature Bonda Roll

Date: DEC 19 2005

CLIENT: <u>BP</u>	<b>BLAGG ENGINEERING, INC.</b> P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>B1114</u>  COCR NO: <u>    </u>
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**FIELD REPORT: PIT CLOSURE VERIFICATION**

LOCATION NAME: <u>MUDGE</u> WELL #: <u>1</u> TYPE: <u>BLOW</u> QUAD/UNIT: <u>M SEC: 9 TWP: 31N RNG: 11W PM: NM CNTY: SJ ST: NM</u> QTR/FOOTAGE: <u>890'S / 1015' W</u> SW/SW CONTRACTOR: <u>HDI (HEBER)</u>	PAGE No: <u>1</u> of <u>1</u> DATE STARTED: <u>12/13/02</u> DATE FINISHED: <u>    </u> ENVIRONMENTAL SPECIALIST: <u>NV</u>
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EXCAVATION APPROX. NA FT. x NA FT. x NA FT. DEEP. CUBIC YARDAGE: NA

DISPOSAL FACILITY: ON-SITE REMEDIATION METHOD: CLOSE AS IS

LAND USE: RANGE - BLM LEASE: SF 078096 FORMATION: FT

**FIELD NOTES & REMARKS:**     PIT LOCATED APPROXIMATELY 81 FT. NZOE FROM WELLHEAD.

DEPTH TO GROUNDWATER: >100'    NEAREST WATER SOURCE: >1000'    NEAREST SURFACE WATER: >1000'

NMOC D RANKING SCORE: 0    NMOC D TPH CLOSURE STD: 5000 PPM

**SOIL AND EXCAVATION DESCRIPTION:**    ELEV. 6160'

OVM CALIB. READ. = <u>52.8</u> ppm	RF = <u>0.52</u>
OVM CALIB. GAS = <u>100</u> ppm	
TIME: <u>2:00</u> am/pm    DATE: <u>12/11/02</u>	

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

SOIL COLOR: DUSKY BROWN TO OLIVE GRAY

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: COLLECTED SAMPLE FROM BEDROCK SURFACE & TEST HOLE BOTTOM. STEEL TANK REMOVED PRIOR TO SAMPLING. BEDROCK - HARD TO VERY HARD, TRIABLE TO COMPETENT. NO TPH ANALYSIS WAS CONDUCTED.

CLOSED

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FIELD 418.1 CALCULATIONS

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

**PIT PERIMETER**

WOODEN RETAINING WALL

FORMER STEEL TANK LOC. T.B. ~ 5' B.G.

T.H. ~ NZ

B.P.D. OR, ~ 1 B.T.B.

P.D. ~ 4' B.G.

TO WELL HEAD

**PIT PROFILE**

NOT APPLICABLE

**OVM READING**

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

**LAB SAMPLES**

SAMPLE ID	ANALYSIS	TIME
		0830

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

TRAVEL NOTES:    CALLOUT: 12/13/02 - MORN.    ONSITE: 12/13/02 - MORN.