

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 ☐

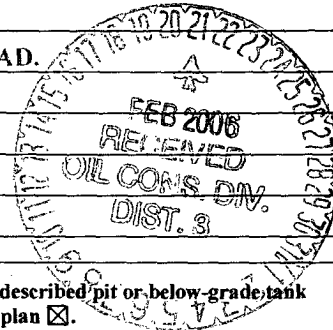
Type of action: Registration of a pit or below-grade tank ☐ Closure of a pit or below-grade tank ☒

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>BARNES #19</u> API #: <u>30-045- 26801</u> U/L or Qtr/Qtr <u>A</u> Sec <u>26</u> T <u>32N</u> R <u>11W</u>		
County: <u>SAN JUAN</u> Latitude <u>36.96015</u> Longitude <u>107.95457</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 type="checkbox"/> Disposal <input checked="" type="checkbox"/> <u>PRODUCTION TANK</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 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) <u>0</u>
	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) <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	(20 points)
	200 feet or more, but less than 1000 feet	(10 points) <u>0</u>
	1000 feet or more	(0 points)
Ranking Score (Total Points)		<u>0</u>

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 BP CROUCH MESA LF (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 78 FT. S67E FROM WELL HEAD.</u>	
<u>PIT EXCAVATION: WIDTH 14 ft., LENGTH 14 ft., DEPTH 9 ft.</u>	
<u>PIT REMEDIATION: CLOSE AS IS: <input type="checkbox"/> LANDFARM: <input checked="" type="checkbox"/> COMPOST: <input type="checkbox"/> STOCKPILE: <input type="checkbox"/> OTHER <input type="checkbox"/> (explain)</u>	
Cubic yards: <u>65</u>	
<u>BEDROCK BOTTOM. NO TPH 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: 05/24/05

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: DEPUTY OIL & GAS INSPECTOR, DIST. 3

Signature Denny Fent

Date: FEB 21 2006

CLIENT: <u>BP</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>B1531</u> COCR NO: <u>13874</u>
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FIELD REPORT: PIT CLOSURE VERIFICATION

LOCATION NAME: <u>BARNES</u> WELL #: <u>19</u> TYPE: <u>PROD. TANK</u> QUAD/UNIT: <u>A SEC. 26 TWP. 32N RNG. 11W PM. NM CNTY. SJ ST. NM</u> QTR/FOOTAGE: <u>1165' N / 1135' E</u> NE/NE CONTRACTOR: <u>P+S (TRINNY)</u>	PAGE No: <u>1</u> of <u>1</u> DATE STARTED: <u>5/24/05</u> DATE FINISHED: ENVIRONMENTAL SPECIALIST: <u>NV</u>
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EXCAVATION APPROX. 14 FT. x 14 FT. x 9 FT. DEEP. CUBIC YARDAGE: 65

DISPOSAL FACILITY: BP-CRACK MFG FACILITY REMEDIATION METHOD: LANDFARM

LAND USE: RANGE - BLM LEASE: SF 078039 FORMATION: PC

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 78 FT. S67E FROM WELLHEAD.

DEPTH TO GROUNDWATER: >100 NEAREST WATER SOURCE: >1,000 NEAREST SURFACE WATER: >1,000

NMOCD RANKING SCORE: 0 NMOCD TPH CLOSURE STD: 5,000 PPM

SOIL AND EXCAVATION DESCRIPTION: SED. - 6358'

OVM CALIB. READ. = <u>53.6</u> ppm	RF = 0.52
OVM CALIB. GAS = <u>100</u> ppm	
TIME: <u>9:50</u> am/pm DATE: <u>5/23/05</u>	

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

SOIL COLOR: OLIVE TO DK. GRAY BEDROCK - DK. YELL. ORANGE

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 - BET. 3'-10' BELOW GRADE (VARIOUS GRAY)

HC ODOR DETECTED: (YES) NO EXPLANATION - DISCLOSED

SAMPLE TYPE: (GRAB) COMPOSITE - # OF PTS. -

ADDITIONAL COMMENTS: NO TPH ANALYSIS WAS CONDUCTED.

BEDROCK BOTTOM

SCALE

0 FT

FIELD 418.1 CALCULATIONS

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

PIT PERIMETER N

OVM READING

SAMPLE ID	FIELD HEADSPACE (ppm)
1 @ 11'	0.0
2 @	
3 @	
4 @	
5 @	

PIT PROFILE

NOT APPLICABLE

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME

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

TRAVEL NOTES: CALLOUT: 5/24/05 - MORNING ONSITE: 5/24/05 - AFTER.