

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: BP AMERICA PROD. CO. Telephone: (505)-326-9200 e-mail address: _____
Address: 200 ENERGY COURT, FARMINGTON, NM 87410
Facility or well name: HARDIE LS #10 API #: 30-045- 21151 U/L or Qtr/Qtr I Sec 26 T 29N R 8W
County: SAN JUAN Latitude 36.69474 Longitude 107.64110 NAD: 1927 ☐ 1983 ☒ Surface Owner Federal ☒ State ☐ Private ☐ Indian ☐

Pit

Type: Drilling ☐ Production ☐ Disposal ☒ SEPARATOR

Workover ☐ Emergency ☐

Lined ☐ Unlined ☒

Liner type: Synthetic ☐ Thickness _____ mil Clay ☐

Pit Volume _____ bbl

Below-grade tank

Volume: _____ bbl Type of fluid: N/A

Construction material: N/A

Double-walled, with leak detection? Yes ☐ 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)

0

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)

0

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)

0

1000 feet or more

(0 points)

Ranking Score (Total Points)

0

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: PIT LOCATED APPROXIMATELY 18 FT. S67W FROM WELL HEAD

PIT EXCAVATION: WIDTH N/A ft., LENGTH N/A ft., DEPTH N/A ft.

PIT REMEDIATION: CLOSE AS IS: ☒, LANDFARM: ☐, COMPOST: ☐, STOCKPILE: ☐, OTHER ☐ (explain)

Cubic yards: N/A

BEDROCK BOTTOM

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: 08/08/05

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

Signature Jeff Blagg


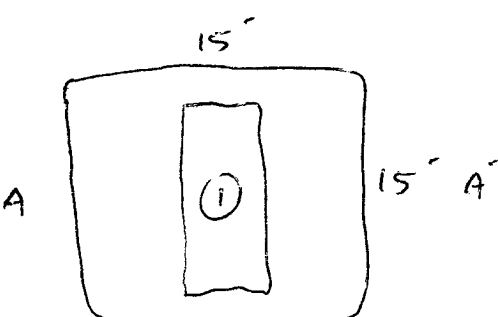
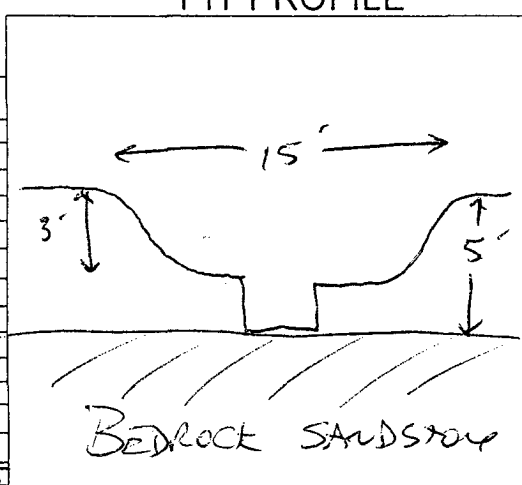
Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations.

Approval: DEPUTY OIL & GAS INSPECTOR, DIST. 3

Printed Name/Title _____

Signature [Signature]

Date: FEB 28 2006

CLIENT: <u>BP</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>81600</u> COCR NO: <u>14357</u>																																																
FIELD REPORT: PIT CLOSURE VERIFICATION		PAGE No: <u>1</u> of <u>1</u>																																																
LOCATION: NAME: <u>HARDIE LS</u> WELL#: <u>10</u> TYPE: <u>SEP</u> QUAD/UNIT: <u>I SEC: 26 TWP: 29N RNG: 8W PM: NM CNTY: SJ ST: NM</u> QTR/FOOTAGE: <u>1840 FSL x 1180 FEL NEISE</u> CONTRACTOR: <u>PYS</u>		DATE STARTED: <u>8/3/05</u> DATE FINISHED: <u>8/3/05</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>																																																		
LAND USE: <u>RANGE - BLM</u> LEASE: <u>SF - 078416A</u> FORMATION: <u>PC</u>																																																		
FIELD NOTES & REMARKS: <u>PIT LOCATED APPROXIMATELY 18 FT. S67W FROM WELLHEAD.</u>																																																		
DEPTH TO GROUNDWATER: <u>>100</u> NEAREST WATER SOURCE: <u>>1000</u> NEAREST SURFACE WATER: <u>>1000</u>																																																		
NMOCD RANKING SCORE: <u>0</u> NMOCD TPH CLOSURE STD: <u>5000</u> PPM																																																		
SOIL AND EXCAVATION DESCRIPTION: <div style="float: right; border: 1px solid black; padding: 2px; margin-top: 5px;"> OVM CALIB. READ. = <u>519</u> ppm OVM CALIB. GAS = <u>100</u> ppm RF = 0.52 TIME: <u>1300</u> am/pm DATE: <u>8-3-05</u> </div>																																																		
SOIL TYPE: SAND <u>(SILTY SAND)</u> SILT / SILTY CLAY / CLAY / GRAVEL / OTHER <u>BEDROCK @ 5' B+</u>																																																		
SOIL COLOR: <u>MEDIUM TAN</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 CLOSED																																																		
MOISTURE: DRY <u>(SLIGHTLY MOIST)</u> MOIST / WET / SATURATED / SUPER SATURATED																																																		
DISCOLORATION/STAINING OBSERVED: <u>YES</u> / NO EXPLANATION - <u>Very Minor Gray Streaky</u>																																																		
HC ODOR DETECTED: YES / <u>NO</u> EXPLANATION -																																																		
SAMPLE TYPE: <u>GRAB</u> / COMPOSITE - # OF PTS. <u>1</u>																																																		
ADDITIONAL COMMENTS: <u>15' x 15' x 3' Deep Earthen Pit. Use Backhoe to dig test hole - sample. FIRM Bedrock Sandstone @ 5' B+</u>																																																		
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> SCALE  0 FT </div> <div style="width: 65%; text-align: center;"> FIELD 418.1 CALCULATIONS <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> <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>			SAMP. TIME	SAMP. ID	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. (ppm)																																								
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P.D. = PIT DEPRESSION; B.G. = BELOW GRADE; B = BELOW T.H. = TEST HOLE; ~ = APPROX.; T.B. = TANK BOTTOM																																																		
TRAVEL NOTES: CALLOUT: _____ ONSITE: <u>8/3/05</u>																																																		

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

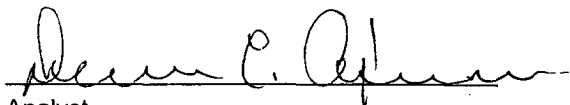
Client:	Blagg / BP	Project #:	94034-010
Sample ID:	1 @ 5'	Date Reported:	08-08-05
Laboratory Number:	33954	Date Sampled:	08-03-05
Chain of Custody No:	14357	Date Received:	08-04-05
Sample Matrix:	Soil	Date Extracted:	08-04-05
Preservative:	Cool	Date Analyzed:	08-08-05
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

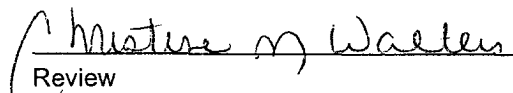
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	56.5	0.2
Diesel Range (C10 - C28)	640	0.1
Total Petroleum Hydrocarbons	697	0.2

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Hardie LS 10 Sep. Pit.**


Analyst


Review