

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

Form C-144  
June 1, 2004

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

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: FLORENCE #27 API #: 30-045- 07807 U/L or Qtr/Qtr L Sec 26 T 29N R 9W  
County: SAN JUAN Latitude 36.69406 Longitude 107.75547 NAD: 1927 ☐ 1983 ☒ Surface Owner Federal ☒ State ☐ Private ☐ Indian ☐

**Pit**

Type: Drilling ☐ Production ☐ Disposal ☒ DEHYDRATOR II  
Workover ☐ Emergency ☐  
Lined ☒ Unlined ☐ STEEL TANK  
Liner type: Synthetic ☐ Thickness \_\_\_\_\_ mil Clay ☐  
Pit Volume \_\_\_\_\_ bbl

**Below-grade tank**

Volume: \_\_\_\_\_ bbl Type of fluid: \_\_\_\_\_  
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)	<b>20</b>
	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)	<b>0</b>
	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)	<b>20</b>
	200 feet or more, but less than 1000 feet	(10 points)	
	1000 feet or more	( 0 points)	
<b>Ranking Score (Total Points)</b>			<b>40</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: PIT LOCATED APPROXIMATELY 171 FT. N90E 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

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: 12/30/05

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. 4

Printed Name/Title \_\_\_\_\_

Signature Denny Font

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>B1219</u> COCR NO: <u>HALL</u>
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<b>FIELD REPORT: PIT CLOSURE VERIFICATION</b>		PAGE No: <u>1</u> of <u>1</u>
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LOCATION: NAME: <u>FLORDNCE</u> WELL #: <u>27</u> TYPE: <u>DEHY II</u> QUAD/UNIT: <u>L SEC: 26 TWP: 29N RNG: 9W PM: NM CNTY: 33 ST: NM</u> QTR/FOOTAGE: <u>1650 FSL x 990 FWL NW1SW</u> CONTRACTOR: <u>HDI (EDMAN)</u>	DATE STARTED: <u>12-15-05</u> DATE FINISHED: <u>12-15-05</u> ENVIRONMENTAL SPECIALIST: <u>JCB</u>
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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 080000</u> FORMATION: <u>MV</u>

FIELD NOTES & REMARKS:	PIT LOCATED APPROXIMATELY <u>171</u> FT. <u>N 90 E</u> FROM WELLHEAD.
DEPTH TO GROUNDWATER: <u>&lt; 20'</u>	NEAREST WATER SOURCE: <u>&gt; 100'</u> NEAREST SURFACE WATER: <u>&lt; 200'</u>
NMOC D RANKING SCORE: <u>30 +</u>	NMOC D TPH CLOSURE STD: <u>100</u> PPM

**SOIL AND EXCAVATION DESCRIPTION:**

SOIL TYPE: SAND SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER \_\_\_\_\_

SOIL COLOR: DARK TAN

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: 12' x 12' x 5' deep wood lined cellar w/ 95 BDI  
steel tank. Use Backhoe to pull tank & sample. No evidence of  
contamination

OVM CALIB. READ. = 52.0 ppm  
 OVM CALIB. GAS = 100 ppm RF = 0.52  
 TIME: 0835 (am/pm) DATE: 12-15-05

CLOSED

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

**SCALE**

0 FT

0 ↑  
N

**PIT PERIMETER**

**OVM READING**

SAMPLE ID	FIELD HEADSPACE (ppm)
1 @ 7'	0.0
2 @	
3 @	
4 @	
5 @	

**LAB SAMPLES**

SAMPLE ID	ANALYSIS	TIME
CPT	TR	0825
	BTX	
	CL-	
	<u>PASSED</u>	

**PIT PROFILE**

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

TRAVEL NOTES:	CALLOUT: _____	ONSITE: <u>12/15/05</u>
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# Hall Environmental Analysis Laboratory

Date: 04-Jan-06

CLIENT: Blagg Engineering

Client Sample ID: DEHY II

Lab Order: 0512229

Collection Date: 12/15/2005 8:25:00 AM

Project: Florance 27

Lab ID: 0512229-01

Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 9056A: ANIONS</b>						
Chloride	13	1.5		mg/kg	5	Analyst: MAP 12/30/2005
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>						
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	Analyst: SCC 12/22/2005 5:16:58 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	12/22/2005 5:16:58 PM
Surr: DNOP	98.1	60-124		%REC	1	12/22/2005 5:16:58 PM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	Analyst: NSB 12/21/2005 7:29:53 PM
Surr: BFB	114	83.1-124		%REC	1	12/21/2005 7:29:53 PM
<b>EPA METHOD 8021B: VOLATILES</b>						
Benzene	ND	0.025		mg/Kg	1	Analyst: NSB 12/21/2005 7:29:53 PM
Toluene	ND	0.025		mg/Kg	1	12/21/2005 7:29:53 PM
Ethylbenzene	ND	0.025		mg/Kg	1	12/21/2005 7:29:53 PM
Xylenes, Total	ND	0.025		mg/Kg	1	12/21/2005 7:29:53 PM
Surr: 4-Bromofluorobenzene	107	87.5-115		%REC	1	12/21/2005 7:29:53 PM

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range