

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

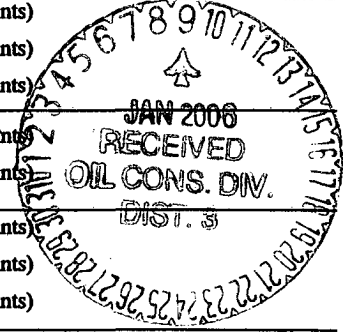
Pit or Below-Grade Tank Registration or Closure

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 Production Company Telephone: (505)326-9200 e-mail address: _____
 Address: 200 Energy Ct. Farmington, NM 87401
 Facility or well name: GCU #188E API #: 300452471 U/L or Qtr/Qtr B Sec 30 T 2AN R DW
 County: San Juan Latitude _____ Longitude _____ NAD: 1927 1983
 Surface Owner: Federal State Private Indian

Pit	Below-grade tank	
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	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 50 feet or more, but less than 100 feet 100 feet or more	(20 points) (10 points) (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)
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) (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: DEPUTY OIL & GAS INSPECTOR, DIST. 3 Signature [Signature] Date: JAN 09 2006

CLIENT: BP **BLAGG ENGINEERING, INC.**
P.O. BOX 87, BLOOMFIELD, NM 87413
(505) 632-1199

LOCATION NO: B1346
 COCR NO: HALL

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FIELD REPORT: PIT CLOSURE VERIFICATION

PAGE No: 1 of 1

LOCATION: NAME: GCU WELL #: 188E TYPE: DEHY
 QUAD/UNIT: B SEC: 30 TWP: 29N RNG: 12W PM: NM CNTY: SJ ST: NM
 QTR/FOOTAGE: 790'N/1620'E NW/NE CONTRACTOR: FLINT (DAVE)

DATE STARTED: 3/2/04
 DATE FINISHED: 3/11/04
 ENVIRONMENTAL SPECIALIST: JCB

EXCAVATION APPROX. 12 FT. x 15 FT. x 5 FT. DEEP. CUBIC YARDAGE: 0
 DISPOSAL FACILITY: NA REMEDIATION METHOD: CLOSE AS IS
 LAND USE: BOLACK RANCH LEASE: AA7839TC Fee FORMATION: DK

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 150 FT. S53W FROM WELLHEAD.
 DEPTH TO GROUNDWATER: 4'± NEAREST WATER SOURCE: > 500 NEAREST SURFACE WATER: > SW
 NMOCD RANKING SCORE: 20+ NMOCD TPH CLOSURE STD: 100 PPM

SOIL AND EXCAVATION DESCRIPTION:

OVM CALIB. READ. = NA ppm
 OVM CALIB. GAS = NA ppm RF = 0.52
 TIME: NA am/pm DATE: NA

SOIL TYPE: SAND (SILTY SAND) SILT / SILTY CLAY / CLAY / GRAVEL / OTHER _____
 SOIL COLOR: Yellow 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 CLOSED
 DISCOLORATION/STAINING OBSERVED: (YES) NO EXPLANATION - Minor in soil @ GW
 HC ODOR DETECTED: (YES) NO EXPLANATION - Minor
 SAMPLE TYPE: GRAB / COMPOSITE - # OF PTS. WATER SAMPLE
 ADDITIONAL COMMENTS: 12" DIA FIBERGLASS TANK IN PIT. USE BACKHOE TO REMOVE TANK & EXCAVATE PERIMETER. Groundwater in Pit with appearance of Potential Contamination. Sample water for Analysis

FIELD 418.1 CALCULATIONS

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

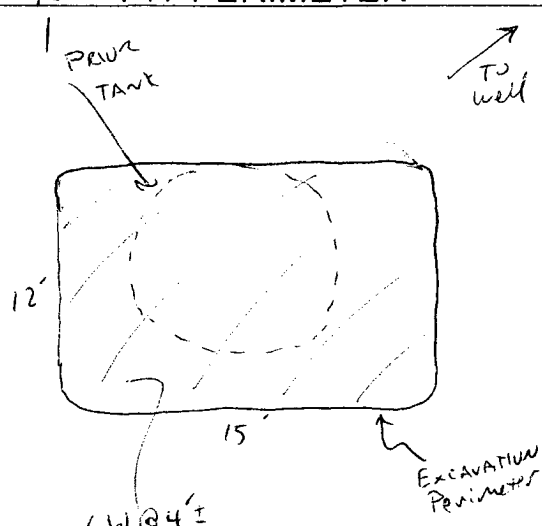
SCALE



0 FT
N ↑

PIT PERIMETER

PIT PROFILE



OVM READING

SAMPLE ID	FIELD HEADSPACE (ppm)
1 @	
2 @	
3 @	
4 @	
5 @	
GW @ 4'	-

NOT APPLICABLE

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
GW @ 4'	VOLATILES	0850 3/3/04
	(82608)	
	<u>PASSED</u>	

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

TRAVEL NOTES: CALLOUT: 3/2/04 ONSITE: 3/2-3/11 2004

Hall Environmental Analysis Laboratory

Date: 09-Mar-04

CLIENT: Blagg Engineering
Lab Order: 0403041
Project: GCU #188E Dehydrator(Separator)Pit
Lab ID: 0403041-01

Client Sample ID: GW@4'
Collection Date: 3/3/2004 8:50:00 AM
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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EPA METHOD 8260B: VOLATILES

Analyst: JDC

Benzene	5.6	1.0		µg/L	1	3/5/2004
Toluene	48	1.0		µg/L	1	3/5/2004
Ethylbenzene	14	1.0		µg/L	1	3/5/2004
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/5/2004
1,2,4-Trimethylbenzene	34	1.0		µg/L	1	3/5/2004
1,3,5-Trimethylbenzene	8.6	1.0		µg/L	1	3/5/2004
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	3/5/2004
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/5/2004
Naphthalene	7.8	2.0		µg/L	1	3/5/2004
1-Methylnaphthalene	5.9	4.0		µg/L	1	3/5/2004
2-Methylnaphthalene	4.3	4.0		µg/L	1	3/5/2004
Acetone	ND	10		µg/L	1	3/5/2004
Bromobenzene	ND	1.0		µg/L	1	3/5/2004
Bromochloromethane	ND	1.0		µg/L	1	3/5/2004
Bromodichloromethane	ND	1.0		µg/L	1	3/5/2004
Bromoform	ND	1.0		µg/L	1	3/5/2004
Bromomethane	ND	2.0		µg/L	1	3/5/2004
2-Butanone	ND	10		µg/L	1	3/5/2004
Carbon disulfide	ND	10		µg/L	1	3/5/2004
Carbon Tetrachloride	ND	1.0		µg/L	1	3/5/2004
Chlorobenzene	ND	1.0		µg/L	1	3/5/2004
Chloroethane	ND	2.0		µg/L	1	3/5/2004
Chloroform	ND	1.0		µg/L	1	3/5/2004
Chloromethane	ND	1.0		µg/L	1	3/5/2004
2-Chlorotoluene	ND	1.0		µg/L	1	3/5/2004
4-Chlorotoluene	ND	1.0		µg/L	1	3/5/2004
cis-1,2-DCE	ND	1.0		µg/L	1	3/5/2004
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/5/2004
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/5/2004
Dibromochloromethane	ND	1.0		µg/L	1	3/5/2004
Dibromomethane	ND	2.0		µg/L	1	3/5/2004
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/5/2004
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/5/2004
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/5/2004
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/5/2004
1,1-Dichloroethane	ND	1.0		µg/L	1	3/5/2004
1,1-Dichloroethene	ND	1.0		µg/L	1	3/5/2004
1,2-Dichloropropane	ND	1.0		µg/L	1	3/5/2004
1,3-Dichloropropane	ND	1.0		µg/L	1	3/5/2004
2,2-Dichloropropane	ND	1.0		µg/L	1	3/5/2004
1,1-Dichloropropene	ND	1.0		µg/L	1	3/5/2004

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits
 B - Analyte detected in the associated Method Blank E - Value above quantitation range
 * - Value exceeds Maximum Contaminant Level

Hall Environmental Analysis Laboratory

Date: 09-Mar-04

CLIENT: Blagg Engineering **Client Sample ID:** GW@4'
Lab Order: 0403041 **Collection Date:** 3/3/2004 8:50:00 AM
Project: GCU #188E Dehydrator(Separator)Pit
Lab ID: 0403041-01 **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Hexachlorobutadiene	ND	1.0		µg/L	1	3/5/2004
2-Hexanone	ND	10		µg/L	1	3/5/2004
Isopropylbenzene	2.9	1.0		µg/L	1	3/5/2004
4-Isopropyltoluene	1.5	1.0		µg/L	1	3/5/2004
4-Methyl-2-pentanone	ND	10		µg/L	1	3/5/2004
Methylene Chloride	ND	3.0		µg/L	1	3/5/2004
n-Butylbenzene	1.3	1.0		µg/L	1	3/5/2004
n-Propylbenzene	2.6	1.0		µg/L	1	3/5/2004
sec-Butylbenzene	ND	1.0		µg/L	1	3/5/2004
Styrene	ND	1.0		µg/L	1	3/5/2004
tert-Butylbenzene	ND	1.0		µg/L	1	3/5/2004
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	3/5/2004
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	3/5/2004
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	3/5/2004
trans-1,2-DCE	ND	1.0		µg/L	1	3/5/2004
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	3/5/2004
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	3/5/2004
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	3/5/2004
1,1,1-Trichloroethane	ND	1.0		µg/L	1	3/5/2004
1,1,2-Trichloroethane	ND	1.0		µg/L	1	3/5/2004
Trichloroethene (TCE)	ND	1.0		µg/L	1	3/5/2004
Trichlorofluoromethane	ND	1.0		µg/L	1	3/5/2004
1,2,3-Trichloropropane	ND	2.0		µg/L	1	3/5/2004
Vinyl chloride	ND	2.0		µg/L	1	3/5/2004
Xylenes, Total	140	1.0		µg/L	1	3/5/2004
Surr: 1,2-Dichloroethane-d4	100	70.6-124		%REC	1	3/5/2004
Surr: 4-Bromofluorobenzene	95.3	76.4-130		%REC	1	3/5/2004
Surr: Dibromofluoromethane	99.2	67.2-131		%REC	1	3/5/2004
Surr: Toluene-d8	91.3	82.1-123		%REC	1	3/5/2004

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits
 B - Analyte detected in the associated Method Blank E - Value above quantitation range
 * - Value exceeds Maximum Contaminant Level