

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 ☒

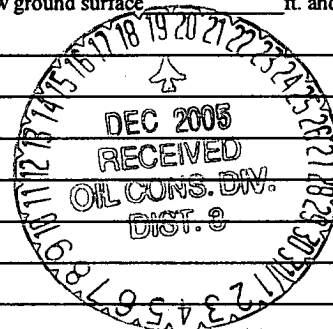
Operator: BP America Production Company Telephone: (505)326-9200 e-mail address: \_\_\_\_\_  
Address: 200 Energy Ct. Farmington, NM 87401  
Facility or well name: Hutton GC #1E API #: 30045 24152 U/L or Qtr/Qtr F Sec 6 T 29N R 12W  
County: San Juan Latitude \_\_\_\_\_ Longitude \_\_\_\_\_ NAD: 1927 ☐ 1983 ☐  
Surface Owner: Federal ☐ State ☐ Private ☐ Indian ☐

<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: DEPUTY OIL & GAS INSPECTOR, DIST. 2

Printed Name/Title

Signature B. B. B.

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>80009</u>  C.D.C. NO: <u>1424</u>
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**FIELD REPORT: PIT CLOSURE VERIFICATION** PAGE No: 1 of 1

LOCATION: NAME: <u>HUTTON GC</u> WELL #: <u>1E</u> TYPE: <u>BLOW</u> QUAD/UNIT: <u>F SEC: 6 TWP: 29N RNG: 12W PM: NM CNTY: SJ STNM</u> QTR/FDQTAGE: <u>1800'N/1815'W SE/NW</u> CONTRACTOR: <u>FLINT (JODY)</u>	DATE STARTED: <u>8-28-02</u> DATE FINISHED: <u>9-22-02</u> ENVIRONMENTAL SPECIALIST: <u>JCB</u>
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EXCAVATION APPROX. 12 FT. x 12 FT. x 6 FT. DEEP. CUBIC YARDAGE: 0

DISPOSAL FACILITY: NONE REMEDIATION METHOD: CLOSE AS IS

LAND USE: RESIDENTIAL LEASE: FEE FORMATION: JK

**FIELD NOTES & REMARKS:** PIT LOCATED APPROXIMATELY 123' FT. S40°W FROM WELLHEAD.

DEPTH TO GROUNDWATER: < 50 NEAREST WATER SOURCE: > 1000 NEAREST SURFACE WATER: < 500

NMCD RANKING SCORE: 2030 NMCD TPH CLOSURE STD: 100 PPM

**SOIL AND EXCAVATION DESCRIPTION:**

DVM CALIB. READ. - ppm  
 DVM CALIB. GAS = - ppm RF = 0.52  
 TIME: - am/pm DATE: -

SOIL TYPE: SAND / SILTY SAND / SILT / SILTY CLAY / CLAY (GRAVEL) OTHER + Rocks @ 6"

SOIL COLOR: \_\_\_\_\_

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 - \_\_\_\_\_

HC ODOR DETECTED: YES / (NO) EXPLANATION - \_\_\_\_\_

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

ADDITIONAL COMMENTS: DIG TEST HOLE TO Groundwater @ 6' -  
GROUNDEWATER ENCOUNTERED SAMPLE WATER FOR BTEX + CATION/ANION

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**SCALE**

0 FT

**FIELD 418.1 CALCULATIONS**

SAMP. TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm

**PIT PERIMETER**

**PIT PROFILE**

NOT APPLICABLE

**OVM RESULTS**

SAMPLE ID	FIELD HEADSPACE PID (ppm)
GW @ 6'	-
2 @	
3 @	
4 @	
5 @	

**LAB SAMPLES**

SAMPLE ID	ANALYSIS	TIME
GW @ 6'	BTEX	1303
	CAT/AN	

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

**TRAVEL NOTES:** CALLOUT: 8-28-02 1000 ONSITE: 8-22-02 1100

612 E. Murray Drive  
Farmington, NM 87401

Off: (505) 327-1072



P.O. Box 2606  
Farmington, NM 87499

Fax: (505) 327-1496

## ANALYTICAL REPORT

Date: 12-Sep-02

Client: Blagg Engineering

Work Order: 0208022

Lab ID: 0208022-01A

Project: Hutton GC 1E

Matrix: AQUEOUS

Client Sample Info: Hutton GC 1E

Client Sample ID: TH#1 GW@ 6ft.

Collection Date: 8/28/2002 1:03:00 PM

COC Record: B1424

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
AROMATIC VOLATILES BY GC/PID		SW8021B		Analyst: HNR		
Benzene	0.7	0.5		µg/L	1	8/28/2002
Toluene	ND	0.5		µg/L	1	8/28/2002
Ethylbenzene	ND	0.5		µg/L	1	8/28/2002
m,p-Xylene	ND	1		µg/L	1	8/28/2002
o-Xylene	ND	0.5		µg/L	1	8/28/2002

### Qualifiers:

PQL - Practical Quantitation Limit

ND - Not Detected at Practical Quantitation Limit

J - Analyte detected below Practical Quantitation Limit

B - Analyte detected in the associated Method Blank

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted precision limits

E - Value above quantitation range

Sur: - Surrogate

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## ANALYTICAL REPORT

Date: 12-Sep-02

Client: Blagg Engineering

Work Order: 0208022

Lab ID: 0208022-01B

Project: Hutton GC 1E

Matrix: AQUEOUS

Client Sample Info: Hutton GC 1E

Client Sample ID: TH#1 GW@ 6ft.

Collection Date: 8/28/2002 1:03:00 PM

COC Record: B1424

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
<b>ANIONS BY ION CHROMATOGRAPHY</b>						
	<b>E300</b>					Analyst: HNR
Nitrogen, Nitrite (as N)	0.85	0.022		mg/L	1	8/29/2002
Nitrogen, Nitrate (as N)	0.781	0.022		mg/L	1	8/29/2002
Nitrogen, Nitrate-Nitrite (as N)	1.63	0.022		mg/L	1	8/29/2002
Chloride	48.1	2.5		mg/L	26	8/29/2002
Sulfate	830	24		mg/L	248	8/29/2002
<b>ICP METALS, DISSOLVED</b>						
	<b>SW6010B</b>					Analyst: DJC
Calcium	371	0.51		mg/L	50.79	9/4/2002
Iron	ND	0.12		mg/L	5.22	9/5/2002
Magnesium	117	0.36		mg/L	50.79	9/4/2002
Potassium	8.52	0.062		mg/L	1	9/10/2002
Sodium	100	0.91		mg/L	50.79	9/4/2002
<b>ALKALINITY, TOTAL</b>						
	<b>M2320 B</b>					Analyst: HNR
Alkalinity, Bicarbonate (As CaCO <sub>3</sub> )	420	5		mg/L CaCO <sub>3</sub>	1	8/29/2002
Alkalinity, Carbonate (As CaCO <sub>3</sub> )	ND	5		mg/L CaCO <sub>3</sub>	1	8/29/2002
Alkalinity, Hydroxide	ND	5		mg/L CaCO <sub>3</sub>	1	8/29/2002
Alkalinity, Total (As CaCO <sub>3</sub> )	420	5		mg/L CaCO <sub>3</sub>	1	8/29/2002
<b>CONDUCTIVITY @ 25C</b>						
	<b>E120.1</b>					Analyst: HNR
Specific Conductance	2290	2		uS/cm	1	8/29/2002
<b>HARDNESS, TOTAL</b>						
	<b>M2340 B</b>					Analyst: HNR
Hardness (As CaCO <sub>3</sub> )	1410	1		mg/L	1	9/11/2002
<b>PH</b>						
	<b>E150.1</b>					Analyst: HNR
pH	7.5	2		pH units	1	8/28/2002
Temperature	20	0.		deg. C	1	8/28/2002
<b>TOTAL DISSOLVED SOLIDS</b>						
	<b>E160.1</b>					Analyst: HNR
Total Dissolved Solids (Residue, Filterable)	2000	40		mg/L	1	8/29/2002
<b>TOTAL DISSOLVED SOLIDS</b>						
	<b>CALC</b>					Analyst: HNR
Total Dissolved Solids (Calculated)	1730	5		mg/L	1	9/11/2002

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