

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
0 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
March 12, 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

Address: 200 Energy Court, Farmington, NM 87410

Facility or well name: CASE B #20 API #: 30-045-27786 U/L or Qtr/Qt: M Sec 8 T 31N R 11W

County: San Juan Latitude 36.90819 Longitude 108.01900 NAD: 1927 ☐ 1983 ☒ Surface Owner Federal ☒ State ☐ Private ☐ Indian ☐

Pit
Type: Drilling ☐ Production ☐ Disposal ☒ BLOW II
Workover ☐ Emergency ☐
Lined ☐ Unlined ☒
Liner type: Synthetic ☐ Thickness ____ mil Clay ☐ Volume ____ bbl

Below-grade tank
Volume: ____ bbl Type of fluid: ____
Construction material: **N/A**
Double-walled with leak detection? ☒ Yes ☐ No 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:

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.

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: 06/10/04

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:

Date:

JAN 09 2006

Printed Name/Title: DEPUTY OIL & GAS INSPECTOR, DIST. 3

Signature: *Brandon Bell*

3004527786

36.90819 x 108.01900

CLIENT: BP

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

LOCATION NO: B1411COCR NO: 12260**FIELD REPORT: PIT CLOSURE VERIFICATION**PAGE No: 1 of 1LOCATION: NAME: CASE B WELL #: 20 TYPE: BLOW (II)QUAD/UNIT: M SEC: 8 TWP: 31N RNG: 11W PM: NM CNTY: SJ ST: NMQTR/FOOTAGE: 800'S 1040'W SW/4 CONTRACTOR: HD (ONOFRE)DATE STARTED: 6-8-04
DATE FINISHED: 6-8-04ENVIRONMENTAL
SPECIALIST: FCBEXCAVATION APPROX. NA FT. x NA FT. x NA FT. DEEP. CUBIC YARDAGE: 0DISPOSAL FACILITY: NA REMEDIATION METHOD: CLOSE AS ISLAND USE: RANGE - BLM LEASE: SF 078095 FORMATION: FT**FIELD NOTES & REMARKS:**PIT LOCATED APPROXIMATELY 135 FT. S57W FROM WELLHEAD.DEPTH TO GROUNDWATER: >100 NEAREST WATER SOURCE: >1000 NEAREST SURFACE WATER: >1000NMOC D RANKING SCORE: 0 NMOC D TPH CLOSURE STD: 5000 PPM**SOIL AND EXCAVATION DESCRIPTION:**

OVM CALIB. READ. = 53.3 ppm
 OVM CALIB. GAS = 100 ppm RF = 0.52
 TIME: 0900 am/pm DATE: 6-8-04

SOIL TYPE: SAND / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER BEDROCK SANDSTONE @ 2' BGSOIL COLOR: WHITE TANCOHESION (ALL OTHERS): NON COHESIVE / SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVECONSISTENCY (NON COHESIVE SOILS): LOOSE / FIRM / DENSE / VERY DENSE

PLASTICITY (CLAYS): NON PLASTIC / SLIGHTLY PLASTIC / COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTIC

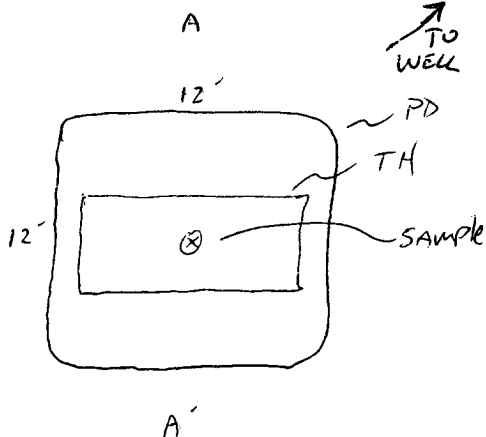
DENSITY (COHESIVE CLAYS & SILTS): SOFT / FIRM / STIFF / VERY STIFF / HARD

MOISTURE: DRY / SLIGHTLY MOIST / MOIST / WET / SATURATED / SUPER SATURATEDDISCOLORATION/STAINING OBSERVED YES NO EXPLANATION - MINOR GRAY ON PIT BASEHC ODOR DETECTED YES / NO EXPLANATION - MODERATE

SAMPLE TYPE: GRAB / COMPOSITE - # OF PTS.

ADDITIONAL COMMENTS: 12' x 12' x 4' DEEP EARTHEN PIT.BEDROCK BOTTOMRISK ASSESSED**SCALE**0
↑
N
FT**FIELD 418.1 CALCULATIONS**

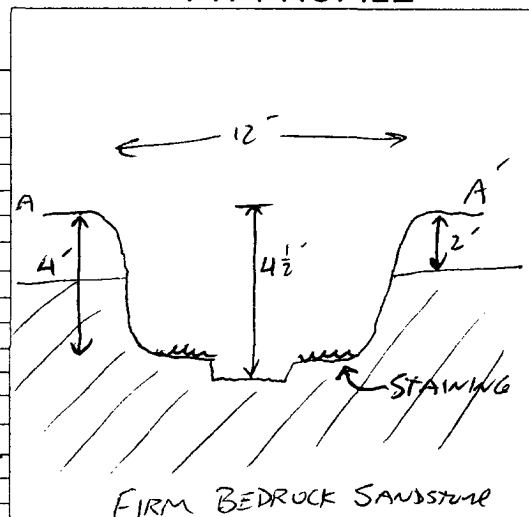
SAMP. TIME	SAMP. ID	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. (ppm)

PIT PERIMETER**OVM
READING**

SAMPLE ID	FIELD HEADSPACE (ppm)
1 @ 4 1/2'	211
2 @	
3 @	
4 @	
5 @	

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
1047	TPH	1315
	CL	
	BTEX	
	HIGH CHLORIDE	

PIT PROFILE

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

TRAVEL NOTES:CALLOUT: 6/8/04 1045 ONSITE: 6/8/04 1245

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

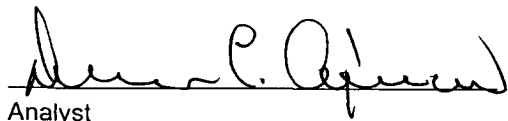
Client:	Blagg / BP	Project #:	94034-010
Sample ID:	1 @ 4½'	Date Reported:	06-10-04
Laboratory Number:	28984	Date Sampled:	06-08-04
Chain of Custody No:	12260	Date Received:	06-09-04
Sample Matrix:	Soil	Date Extracted:	06-09-04
Preservative:	Cool	Date Analyzed:	06-10-04
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

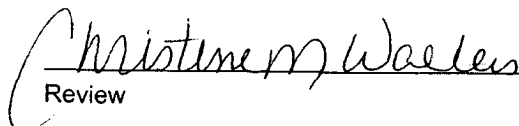
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	655	0.2
Diesel Range (C10 - C28)	34.0	0.1
Total Petroleum Hydrocarbons	689	0.2

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: Case B 20 Blow Pit. (II) ^{mv}


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	1 @ 4½'	Date Reported:	06-10-04
Laboratory Number:	28984	Date Sampled:	06-08-04
Chain of Custody:	12260	Date Received:	06-09-04
Sample Matrix:	Soil	Date Analyzed:	06-10-04
Preservative:	Cool	Date Extracted:	06-09-04
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	50.4	1.8
Toluene	381	1.7
Ethylbenzene	252	1.5
p,m-Xylene	1,320	2.2
o-Xylene	858	1.0
Total BTEX	2,860	


ND - Parameter not detected at the stated detection limit.

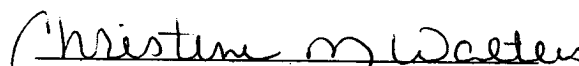
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	99 %
	1,4-difluorobenzene	99 %
	Bromochlorobenzene	99 %

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: ^{mv} Case B 20 Blow Pit. (II)


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Total Chloride

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	1 @ 4½'	Date Reported:	06-10-04
Lab ID#:	28984	Date Sampled:	06-08-04
Sample Matrix:	Soil	Date Received:	06-09-04
Preservative:	Cool	Date Analyzed:	06-09-04
Condition:	Cool and Intact	Chain of Custody:	12260

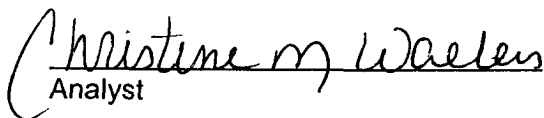
Parameter	Concentration (mg/Kg)
-----------	-----------------------

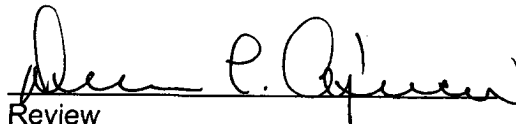
Total Chloride

424

Reference: Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: Case B 20 Blow Pit. ⁹¹⁵(II)


Analyst


Review