

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

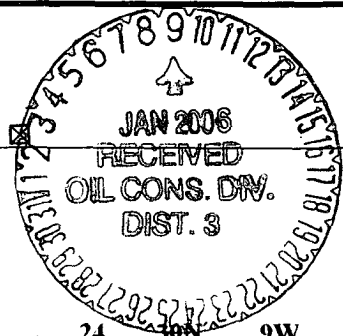
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

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: FLORANCE O #20A API #: 30-045-22152 U/L or Qtr: Qtr J Sec 24 T 30N R 9W
County: San Juan Latitude 36.79359 Longitude 107.72993 NAD: 1927 ☐ 1983 ☒ Surface Owner Federal ☒ State ☐ Private ☐ Indian ☐

Pit Type: Drilling <input type="checkbox"/> Production <input type="checkbox"/> Disposal <input checked="" type="checkbox"/> PRODUCTION TANK Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input checked="" type="checkbox"/> Unlined <input type="checkbox"/> STEEL TANK Liner type: Synthetic <input type="checkbox"/> Thickness _____ mil Clay <input type="checkbox"/> Volume _____ bbl	Below-grade tank Volume: _____ bbl Type of fluid: _____ Construction material: <u>N/A</u> Double-walled with leak detection? <u>Yes</u> 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)	0
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) 1000 feet or more (0 points)	0
	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: 04/19/04

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

Signature: [Signature]

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. III

Signature: [Signature]

CLIENT: <u>BP</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>30871</u>
		COCR NO: <u>11682</u>

FIELD REPORT: PIT CLOSURE VERIFICATIONPAGE No: 1 of 1

LOCATION: NAME: <u>FLORPCE</u> O WELL #: <u>20A</u> TYPE: <u>PROD. TANK</u>	DATE STARTED: <u>4/16/04</u>
QUAD/UNIT: <u>J SEC: 24 TWP: 30N RNG: 9W PM: NM CNTY: ST: NM</u>	DATE FINISHED: _____
QTR/FOOTAGE: <u>1510'S/2334'E</u> NW/SE CONTRACTOR: <u>L & L (BLIAN)</u>	ENVIRONMENTAL SPECIALIST: <u>NV</u>

EXCAVATION APPROX. <u>NA</u> FT. x <u>NA</u> FT. x <u>NA</u> FT. DEEP. CUBIC YARDAGE: <u>NA</u>
DISPOSAL FACILITY: <u>ON-SITE</u> REMEDIATION METHOD: <u>CLOSE AS IS</u>
LAND USE: <u>RANGE - BLN</u> LEASE: <u>SF078201</u> FORMATION: <u>MV/PC</u>

FIELD NOTES & REMARKS:	PIT LOCATED APPROXIMATELY <u>90</u> FT. <u>S22E</u> FROM WELLHEAD.
DEPTH TO GROUNDWATER: <u>>100'</u>	NEAREST WATER SOURCE: <u>>1000'</u> NEAREST SURFACE WATER: <u>>1000'</u>
NMOC D RANKING SCORE: <u>0</u>	NMOC D TPH CLOSURE STD: <u>5000</u> PPM

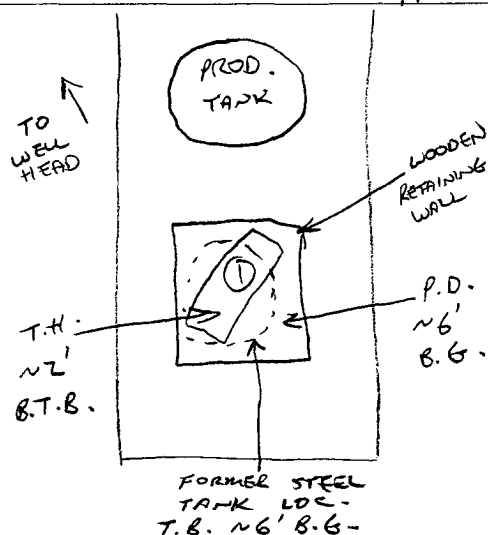
SOIL AND EXCAVATION DESCRIPTION:

OVM CALIB. READ. = 53.7 ppm
 OVM CALIB. GAS = 100 ppm RF = 0.52
 TIME: 10:48 DATE: 4/16/04

SOIL TYPE: SANDY SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER BEDROCK (SANDSTONE)
 SOIL COLOR: LT. GRAY TO BLACK BEDROCK - LT. GRAY
 COHESION (ALL OTHERS): NON COHESIVE SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVE
 CONSISTENCY (NON COHESIVE SOILS): COARSE / 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 CLOSED
 MOISTURE: DRY / SLIGHTLY MOIST / MOIST / WET / SATURATED / SUPER SATURATED
 DISCOLORATION/STAINING OBSERVED: YES / NO EXPLANATION - LT. GRAY TO BLACK BET. 6'-8' BELOW GRADE
 HC ODOR DETECTED: YES / NO EXPLANATION - DISCOLORED SOIL
 SAMPLE TYPE: GRAB / COMPOSITE - # OF PTS. —
 ADDITIONAL COMMENTS: PIT DEPRESSION SUPER SATURATED W/ FLUID FROM STEEL TANK (21 BBL)
DURING REMOVAL. COLLECTED SAMPLE FROM BEDROCK. BEDROCK -
VERY HARD, COMPETENT.

FIELD 418.1 CALCULATIONS

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

PIT PERIMETER**PIT PROFILE****OVM READING**

SAMPLE ID	FIELD HEADSPACE (ppm)
1 @ 8'	176.6
2 @	
3 @	
4 @	
5 @	

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
1 @ 8'	TAN (80158)	1208
"	BTEX (80218)	"
<u>BOTH PASSED</u>		

NOT APPLICABLE

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

TRAVEL NOTES: CALLOUT: 4/13/04 - MORNING ONSITE: 4/16/04 - AFTER. (SCHEDULED)

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

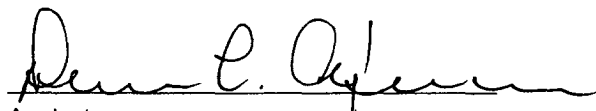
Client:	Blagg / BP	Project #:	94034-010
Sample ID:	1 @ 8'	Date Reported:	04-19-04
Laboratory Number:	28382	Date Sampled:	04-16-04
Chain of Custody No:	11682	Date Received:	04-16-04
Sample Matrix:	Soil	Date Extracted:	04-19-04
Preservative:	Cool	Date Analyzed:	04-19-04
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

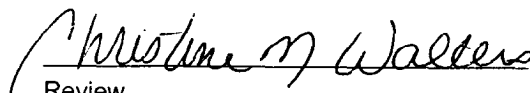
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

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: Florance O #20A Production Tank Pit (II) Grab Sample.


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 @ 8'	Date Reported:	04-19-04
Laboratory Number:	28382	Date Sampled:	04-16-04
Chain of Custody:	11682	Date Received:	04-16-04
Sample Matrix:	Soil	Date Analyzed:	04-19-04
Preservative:	Cool	Date Extracted:	04-19-04
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	1.8
Toluene	ND	1.7
Ethylbenzene	ND	1.5
p,m-Xylene	46.7	2.2
o-Xylene	24.3	1.0
Total BTEX	71.0	

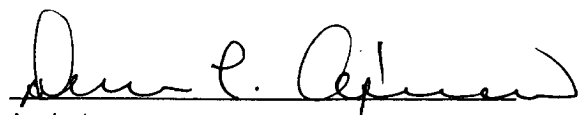
ND - Parameter not detected at the stated detection limit.

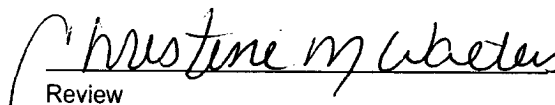
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	99 %
	1,4-difluorobenzene	99 %
	Bromochlorobenzene	99 %

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: Florance O #20A Production Tank Pit (II) Grab Sample.


Analyst


Review