

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: FLORANCE # 27 API #: 30045 07807 U/L or Qtr/Qtr L Sec 26 T 29 N R 9 W
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 checked="" type="checkbox"/> Liner type Synthetic <input type="checkbox"/> Thickness _____ mil Clay <input type="checkbox"/> Pit Volume _____ bbl	Volume: _____ bbl Type of fluid: <u>AM</u> 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) <u>20</u>
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) <u>0</u>
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) <u>10</u>
Ranking Score (Total Points) <u>30</u>	

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 BP CROWN MESA FACIL. (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 5.5 ft and attach sample results (5) Attach soil sample results and a diagram of sample locations and excavations.

Additional Comments
See Attached Documentation
RCVD JUN13'07
OIL CONS. DIV.
DIST. 3

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 Oil & Gas Inspector,

Printed Name/Title District #3

Signature [Signature]

Date AUG 10 2007

CLIENT: <u>BP</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>31219</u>
		COCR NO: _____

FIELD REPORT: PIT CLOSURE VERIFICATIONPAGE No: 1 of 1

LOCATION: NAME: <u>FLORANCE</u>	WELL #: <u>27</u>	TYPE: <u>BLOW</u>	DATE STARTED <u>5/20/03</u>
QUAD/UNIT: <u>L SEC: 26 TWP: 29N RNG: 9W PM: NM CNTY: SJ ST: NM</u>			DATE FINISHED: _____
QTR/FOOTAGE: <u>1650'S/990W NW/SW</u>	CONTRACTOR: <u>L & L (BRIAN)</u>	ENVIRONMENTAL SPECIALIST: <u>NV</u>	

EXCAVATION APPROX. <u>14</u> FT. x <u>13</u> FT. x <u>6</u> FT. DEEP. CUBIC YARDAGE: <u>40</u>
DISPOSAL FACILITY: <u>CROUCH MESA FACILITY ON SITE</u> REMEDIATION METHOD: <u>LANDFARM</u>
LAND USE <u>RANGE - BLM</u> LEASE: <u>SF 080000</u> FORMATION: <u>MV</u>

FIELD NOTES & REMARKS:	PIT LOCATED APPROXIMATELY <u>156</u> FT. <u>N3E</u> FROM WELLHEAD
DEPTH TO GROUNDWATER: <u><50'</u>	NEAREST WATER SOURCE: <u>>1000'</u> NEAREST SURFACE WATER: <u><1000'</u>
NMOC D RANKING SCORE: <u>30</u>	NMOC D TPH CLOSURE STD: <u>100</u> PPM

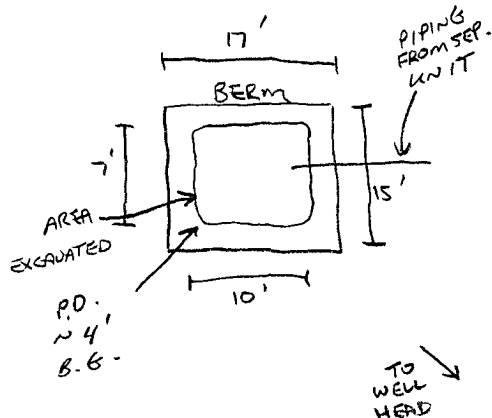
SOIL AND EXCAVATION DESCRIPTION:

OVM CALIB. READ. = 53.6 ppm
 OVM CALIB. GAS = 120 ppm RF = 0.52
 TIME: 8:54 am/pm DATE 5/15/03

SOIL TYPE (SAND) SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER _____
 SOIL COLOR GRAYISH ORANGE TO BLACK
 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: LT. GRAY TO BLACK NEAR GROUNDWATER INTERFACE.
 HC ODOR DETECTED: YES / NO EXPLANATION: EXCAVATED SOIL
 SAMPLE TYPE GRAB COMPOSITE - # OF PTS. _____
 ADDITIONAL COMMENTS GROUNDWATER ENCOUNTERED APPROX. 5'-6' BELOW GRADE. NO SAMPLES COLLECTED @ THIS TIME. WILL INSTALL MONITOR WELL IN NEAR FUTURE.
GROUNDWATER IMPACTED

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 @	
2 @	
3 @	
4 @	
5 @	

NOT APPLICABLE

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME

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

TRAVEL NOTES.

CALLOUT: 5/20/03 - AFTER. ONSITE: 5/20/03 - AFTER.

BLAGG ENGINEERING, INC.

MONITOR WELL DEVELOPMENT & / OR SAMPLING DATA

CLIENT : BP AMERICA PROD. CO.

CHAIN-OF-CUSTODY # : N / A

FLORANCE # 27 - BLOW PIT

LABORATORY (S) USED : HALL ENVIRONMENTAL

UNIT L, SEC. 26, T29N, R9W

Date : June 14, 2004

SAMPLER : N J V

Filename : 06-14-04.WK4

PROJECT MANAGER : N J V

WELL #	WELL ELEV. (ft)	WATER ELEV. (ft)	DEPTH TO WATER (ft)	TOTAL DEPTH (ft)	SAMPLING TIME	pH	CONDUCT (umhos)	TEMP. (celcius)	VOLUME PURGED (gal.)
MW - 2	-	-	8.30	15.00	0810	7.07	6,500	18.0	1.50

INSTRUMENT CALIBRATIONS =
DATE & TIME =

7.00	2,800
06/14/04	0730

NOTES : Volume of water purged from well prior to sampling: $V = \pi \times r^2 \times h \times 7.48 \text{ gal./ft}^3 \times 3 \text{ (wellbores)}$.
(i.e. 2" MW $r = (1/12) \text{ ft. } h = 1 \text{ ft.}$ (i.e. 4" MW $r = (2/12) \text{ ft. } h = 1 \text{ ft.}$)

Ideally a minimum of three (3) wellbore volumes:

2.00 " well diameter = 0.49 gallons per foot of water.

Comments or note well diameter if not standard 2 ".

Monitor well installed by Blagg Engineering on 5/28/04 . 10 ft. 2 inch PVC 0.010 screen and 5 ft. casing . Utilized locking cap and secured with padlock . Initially developed on 6/11/04 .

Fair recovery . Bailed to T.D. , then allowed recovery . Depth to water approx. 8.78 ft. @ time 0805 . Collected sample for BTEX analysis only .

Top of casing MW # 2 ~ 3.00 ft. above grade .

Hall Environmental Analysis Laboratory

Date: 24-Jun-04

CLIENT: Blagg Engineering
Project: Florance Lease

Lab Order: 0406134

Lab ID: 0406134-01
Client Sample ID: MW #2 Florance #27

Collection Date: 6/14/2004 8:10:00 AM
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	ND	0.50		µg/L	1	6/22/2004 11:09:42 PM
Toluene	ND	0.50		µg/L	1	6/22/2004 11:09:42 PM
Ethylbenzene	ND	0.50		µg/L	1	6/22/2004 11:09:42 PM
Xylenes, Total	ND	0.50		µg/L	1	6/22/2004 11:09:42 PM
Surr: 4-Bromofluorobenzene	104	74-118		%REC	1	6/22/2004 11:09:42 PM

Lab ID: 0406134-02
Client Sample ID: MW #2 Florance #126

Collection Date: 6/14/2004 8:25:00 AM
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	ND	2.5		µg/L	5	6/23/2004 5:45:47 PM
Toluene	ND	2.5		µg/L	5	6/23/2004 5:45:47 PM
Ethylbenzene	20	2.5		µg/L	5	6/23/2004 5:45:47 PM
Xylenes, Total	58	2.5		µg/L	5	6/23/2004 5:45:47 PM
Surr: 4-Bromofluorobenzene	107	74-118		%REC	5	6/23/2004 5:45:47 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

CLIENT <u>BP</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO <u>B1219</u> COC NO <u>13401</u>
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FIELD REPORT: LANDFARM/COMPOST PILE CLOSURE VERIFICATION

LOCATION. NAME <u>FLORANCE</u>	WELL #: <u>27</u>	PITS: <u>BLW</u>	DATE STARTED <u>3/29/05</u>
QUAD/UNIT <u>L</u>	SEC. <u>26</u>	TWP: <u>29N</u>	RNG: <u>9W</u>
PM: <u>NM</u>	CNTY: <u>ST</u>	ST: <u>NM</u>	DATE FINISHED _____
QTR/FOOTAGE: <u>NW/SW</u>	CONTRACTOR: <u>L & L (BRIAN)</u>	HDE: <u>(EDGAR)</u>	ENVIRONMENTAL SPECIALIST <u>NV</u>

SOIL REMEDIATION:

40+20

REMEDICATION SYSTEM: LANDFARM

APPROX. CUBIC YARDAGE: _____

LAND USE: RANGE - BLW

LIFT DEPTH (ft): 1-2

FIELD NOTES & REMARKS:

NMCD RANKING SCORE: 30 NMCD TPH CLOSURE STD: 100 ppm

DEPTH TO GROUNDWATER: 550' NEAREST WATER SOURCE: >1000' NEAREST SURFACE WATER: <1000'

SOIL TYPE: SAND / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER _____

SOIL COLOR: PALE YEL. ORANGE TO BLACK

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 / MOIS / WET / SATURATED / SUPER SATURATED

DISCOLORATION/STAINING OBSERVED: YES / NO EXPLANATION - SAMP. PTS. ① & ②

HC ODOR DETECTED: YES / NO EXPLANATION - DISCLOSED

SAMPLING DEPTHS (LANDFARMS): _____ (INCHES)

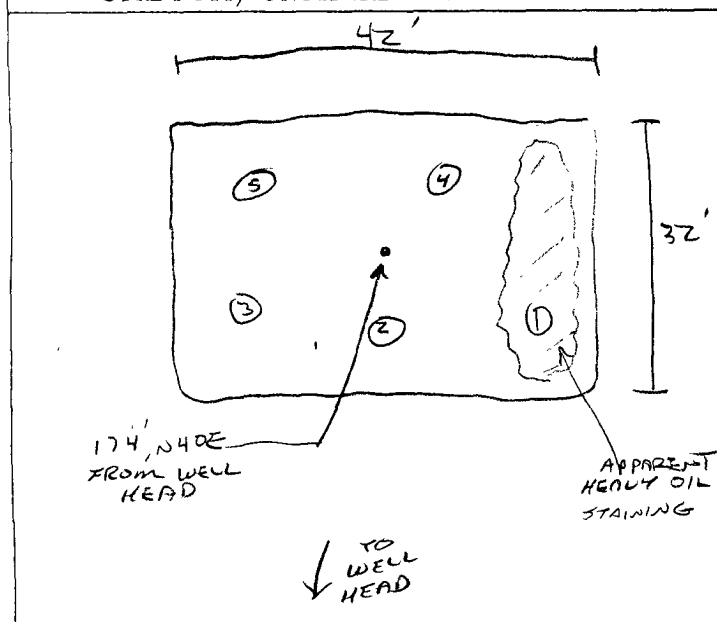
SAMPLE TYPE: GRAB / COMPOSITE - # OF PTS. 5

ADDITIONAL COMMENTS: APPROX. 20 C.Y. DISPOSED FROM ADJACENT FLORANCE #126 SITE (PROD. TANK PIT). SOIL TRANSPORTED TO CROUCH MESA AT A LATER DATE.

FIELD 418.1 CALCULATIONS

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

SKETCH/SAMPLE LOCATIONS



OVM CALIB. READ. 53.6 ppm
OVM CALIB. GAS = 100 ppm; RF = 0.52
TIME: 2:10 am/pm DATE: 3/29/05

OVM RESULTS

LAB SAMPLES

SAMPLE ID	FIELD HEADSPACE PID (ppm)	SAMPLE ID	ANALYSIS	TIME	RESULTS
LF-1	35.3	LF-1	TPH (80158)	1600	3,150

P.C. - 5/20/03

#126 P.C. - 9/18/03

SCALE

0 1 FT

TRAVEL NOTES: CALLOUT: N/A

ONSITE: 3/29/05

revised: 07/16/01

bei1006A.skd

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

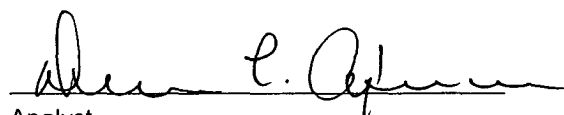
Client:	Blagg / BP	Project #:	94034-010
Sample ID:	LF - 1	Date Reported:	03-31-05
Laboratory Number:	32458	Date Sampled:	03-29-05
Chain of Custody No:	13401	Date Received:	03-30-05
Sample Matrix:	Soil	Date Extracted:	03-30-05
Preservative:	Cool	Date Analyzed:	03-31-05
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

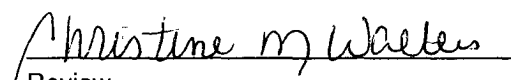
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	3,150	0.1
Total Petroleum Hydrocarbons	3,150	0.2

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 #27 Landfarm 5 Pt. Composite Sample.**


Analyst


Review