

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: <u>BP America Production Company</u> Telephone: <u>(505)326-9200</u> e-mail address: _____		
Address <u>200 Energy Ct, Farmington, NM 87401</u>		
Facility or well name <u>FLORANCE #126</u> API #: <u>30045 25022</u> U/L or Qtr/Qtr <u>L</u> Sec <u>26</u> T <u>29</u> N <u>9</u> W		
County <u>San Juan</u> Latitude _____ Longitude _____ NAD 1927 <input type="checkbox"/> 1983 <input checked="" type="checkbox"/>		
Surface Owner: Federal <input checked="" type="checkbox"/> State <input type="checkbox"/> Private <input type="checkbox"/> Indian <input type="checkbox"/>		
Pit Type: Drilling <input type="checkbox"/> Production <input type="checkbox"/> Disposal <input checked="" type="checkbox"/> Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input checked="" type="checkbox"/> Unlined <input type="checkbox"/> Liner type: Synthetic <input type="checkbox"/> Thickness _____ mil Clay <input type="checkbox"/> Pit Volume _____ bbl	Below-grade tank Volume: _____ bbl Type of fluid: <u>MANA</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) <u>20</u>
	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) <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) <u>10</u>
	1000 feet or more	(0 points)
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 4.5 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

Deputy Oil & Gas Inspector,
District #3

Printed Name/Title _____

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>B1283</u> COCR NO: <u>HAU</u>
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FIELD REPORT: PIT CLOSURE VERIFICATION		PAGE No: <u>1</u> of <u>1</u>
LOCATION: NAME: <u>FLORANCE</u> WELL #: <u>126</u> TYPE: <u>BLOW</u> QUAD/UNIT: <u>L SEC: 26 TWP: 29N RNG: 9W PM: NM CNTY: SJ ST: NM</u> QTR/FOOTAGE: <u>1300'S/1190'W</u> NW/SW CONTRACTOR: <u>HDI (EDGAR)</u>	DATE STARTED <u>9/18/03</u> DATE FINISHED _____ ENVIRONMENTAL SPECIALIST: <u>NV</u>	
EXCAVATION APPROX. <u>14</u> FT. x <u>12</u> FT. x <u>3.5</u> FT. DEEP. CUBIC YARDAGE: <u>20</u> DISPOSAL FACILITY: <u>FLORANCE #27 (L-26-29-9)</u> REMEDIATION METHOD: <u>LANDFARM</u> LAND USE: <u>RANGE - BLM</u> LEASE: <u>SF080000</u> FORMATION: <u>DK</u>		
FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY <u>159</u> FT. <u>N28W</u> FROM WELLHEAD. DEPTH TO GROUNDWATER: <u><50'</u> NEAREST WATER SOURCE: <u>>1000'</u> NEAREST SURFACE WATER: <u><1000'</u> NMOCD RANKING SCORE: <u>30</u> NMOCD TPH CLOSURE STD: <u>100</u> PPM		
SOIL AND EXCAVATION DESCRIPTION: <div style="float: right; text-align: right;"> OVM CALIB. READ. = <u>53.3</u> ppm OVM CALIB. GAS = <u>100</u> ppm RF = 0.52 TIME: <u>11:37</u> am/pm DATE: <u>9/18/03</u> </div>		
SOIL TYPE: <u>SAND</u> / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER _____ SOIL COLOR <u>LT. GRAY (BELOW 8')</u> , <u>BLACK (2 FT. INTERVAL BET. 6'-8' BELOW GRADE)</u> COHESION (ALL OTHERS) <u>(NON COHESIVE)</u> / SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVE CONSISTENCY (NON COHESIVE SOILS): <u>(LOOSE)</u> / FIRM / DENSE / VERY DENSE PLASTICITY (CLAYS): <u>NON PLASTIC</u> / SLIGHTLY PLASTIC / COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTIC DENSITY (COHESIVE CLAYS & SILTS): <u>SOFT</u> / FIRM / STIFF / VERY STIFF / HARD MOISTURE: <u>DRY</u> / SLIGHTLY MOIST / <u>MOIST</u> / WET / <u>(SATURATED)</u> / SUPER SATURATED DISCOLORATION/STAINING OBSERVED: <u>(YES)</u> / NO EXPLANATION - <u>BLACK SAND</u> HC ODOR DETECTED: <u>(YES)</u> / NO EXPLANATION - <u>BLACK SAND ONLY</u> SAMPLE TYPE: <u>(GRAB)</u> / COMPOSITE - # OF PTS <u>5</u> ADDITIONAL COMMENTS: <u>GROUNDWATER ~ 8 FT. BELOW GRADE. CONTAMINATION APPEARS LIMITED TO 2 FT. INTERVAL ABOVE GROUNDWATER (ENTIRE PERIMETER OF EXCAVATION). EXCAVATED ONLY PT. OF RELEASE. EXTENT WILL NEED TO BE ESTABLISHED.</u> <div style="border: 1px solid black; padding: 2px; display: inline-block;">GROUNDWATER IMPACTED</div> <div style="border: 1px solid black; border-radius: 15px; padding: 5px; display: inline-block; margin-top: 10px;">mw REQUIRED</div>		

FIELD 418.1 CALCULATIONS							
SAMP. TIME	SAMP. ID	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. (ppm)

SCALE

0 FT

PIT PERIMETER

PIT PROFILE

OVM READING		
SAMPLE ID	FIELD HEADSPACE (ppm)	
1 @ 8'	232.3	
2 @		
3 @		
4 @		
5 @		

LAB SAMPLES		
SAMPLE ID	ANALYSIS	TIME
1 @ 8'	TPH (8015B)	1130
"	STEX (8021B)	"
(BOTH FAILED)		

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

TRAVEL NOTES: CALLOUT: 9/18/03 - MORN. ONSITE: 9/18/03 - MORN.

Hall Environmental Analysis Laboratory

Date: 26-Sep-03

CLIENT: Blagg Engineering
Lab Order: 0309151
Project: Florance #126
Lab ID: 0309151-02

Client Sample ID: BLOW PIT 1 @ 8'
Collection Date: 9/18/2003 11:30:00 AM

Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE						Analyst: JMP
Diesel Range Organics (DRO)	710	5.0		mg/Kg	1	9/23/2003 4:56:58 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	9/23/2003 4:56:58 PM
Surr: DNOP	98.3	60-124		%REC	1	9/23/2003 4:56:58 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	1800	50		mg/Kg	10	9/25/2003 3:47:42 AM
Surr: BFB	131	74-118	S	%REC	10	9/25/2003 3:47:42 AM
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	ND	0.25		mg/Kg	10	9/25/2003 3:47:42 AM
Toluene	ND	0.25		mg/Kg	10	9/25/2003 3:47:42 AM
Ethylbenzene	17	0.25		mg/Kg	10	9/25/2003 3:47:42 AM
Xylenes, Total	83	0.25		mg/Kg	10	9/25/2003 3:47:42 AM
Surr: 4-Bromofluorobenzene	138	74-118	S	%REC	10	9/25/2003 3:47:42 AM

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

BLAGG ENGINEERING, INC.
MONITOR WELL DEVELOPMENT & / OR SAMPLING DATA

CLIENT : BP AMERICA PROD. CO.

CHAIN-OF-CUSTODY # : N / A

FLORANCE # 126 - BLOW PIT
UNIT L, SEC. 26, T29N, R9W

LABORATORY (S) USED : HALL ENVIRONMENTAL

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	-	-	7.36	15.00	0825	7.36	5,500	17.4	1.50

INSTRUMENT CALIBRATIONS =
DATE & TIME =

7.00	2,800
06/14/04	0730

NOTES : Volume of water purged from well prior to sampling: $V = \pi \times r^2 \times h \times 7.48 \text{ gal./ft}^3 \times 3$ (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.

Poor recovery. Bailed to T.D., then allowed recovery. Depth to water approx. 10.68 ft. @ time 0820. 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