

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 PROD. CO.</u> Telephone: <u>(505)-326-9200</u> e-mail address: _____		
Address: <u>200 ENERGY COURT. FARMINGTON, NM 87410</u>		
Facility or well name: <u>CANDELARIA GC #1</u> API #: <u>30-045- 21147</u> U/L or Qtr/Qtr <u>K</u> Sec <u>18</u> T <u>29N</u> R <u>9W</u>		
County: <u>SAN JUAN</u> Latitude <u>36.72319</u> Longitude <u>107.82512</u> NAD: 1927 <input type="checkbox"/> 1983 <input checked="" type="checkbox"/> Surface Owner Federal <input type="checkbox"/> State <input type="checkbox"/> Private <input checked="" type="checkbox"/> Indian <input type="checkbox"/>		
Pit Type: Drilling <input type="checkbox"/> Production <input type="checkbox"/> Disposal <input checked="" type="checkbox"/> <u>BLOW</u> Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input checked="" type="checkbox"/> Unlined <input type="checkbox"/> <u>STEEL TANK</u> Liner type: Synthetic <input type="checkbox"/> Thickness _____ mil Clay <input type="checkbox"/> Pit Volume _____ bbl		
Below-grade tank Volume: _____ bbl Type of fluid: _____ Construction material: <u>N/A</u> 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) 20
	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) 20
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) 10
	1000 feet or more	(0 points)
Ranking Score (Total Points)		50

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 CROUCH MESA LF. (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 6 ft. and attach sample results. (5) Attach soil sample results and a diagram of sample locations and excavations.

Additional Comments: <u>PIT LOCATED APPROXIMATELY 111 FT. S12W FROM WELL HEAD</u>
<u>PIT EXCAVATION: WIDTH 24 ft., LENGTH 24 ft., DEPTH 7 ft.</u>
<u>PIT REMEDIATION: CLOSE AS IS: <input type="checkbox"/>, LANDFARM: <input type="checkbox"/>, COMPOST: <input type="checkbox"/>, STOCKPILE: <input type="checkbox"/>, OTHER <input checked="" type="checkbox"/> EXCAVATE</u>
Cubic yards: <u>145</u>
<u>GROUNDWATER ENCOUNTERED</u>

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 alternative OCD-approved plan ☒.

Date: 11/04/05

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: EQUITY OIL & GAS INSPECTOR, DIST. 4

Printed Name/Title _____

Signature Wendy Zarf

Date: FEB 28 2006

CLIENT: BP

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

LOCATION NO: B0172
COCR NO: HALL

FIELD REPORT: PIT CLOSURE VERIFICATION

PAGE No: 1 of 1

LOCATION: NAME: CANDELARIA GC WELL#: 1 TYPE: BLOW
QUAD/UNIT: K SEC: 18 TWP: 29N RNG: 9W PM: NM CNTY: SJ ST: NM
QTR/FOOTAGE: 1730 FSL x 625 FWL NE1SW CONTRACTOR: SIERRA (CALVIN)

DATE STARTED: 10-24-05
DATE FINISHED: 10-25-05
ENVIRONMENTAL SPECIALIST: JCB

EXCAVATION APPROX. 24 FT. x 24 FT. x 7 FT. DEEP. CUBIC YARDAGE: 145 ±
DISPOSAL FACILITY: BP CROUCH MESA L.F. REMEDIATION METHOD: EXCAVATE
LAND USE: PRIVATE SURFACE- LEASE: NM 074089 FEE FORMATION: PC

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 111 FT. S 12° W FROM WELLHEAD.
DEPTH TO GROUNDWATER: 6' ± NEAREST WATER SOURCE: <1000 NEAREST SURFACE WATER: <1000
NMOCD RANKING SCORE: 30+ NMOCD TPH CLOSURE STD: 100 PPM

SOIL AND EXCAVATION DESCRIPTION:

OVM CALIB. READ. = 53.4 ppm
OVM CALIB. GAS = 100 ppm RF = 0.52
TIME: 0915 am/pm DATE: 10/25/05

SOIL TYPE: SAND / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER
SOIL COLOR: DARK BROWN
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: ON GROUND SURFACE GROUND PIT TANK BEFORE EXCAVATE
HC ODOR DETECTED: YES / NO EXPLANATION: ANY SOIL w/ ODOR EXCAVATED
SAMPLE TYPE: GRAB / COMPOSITE # OF PTS. 4
ADDITIONAL COMMENTS: 21 BGL PIT TANK w/ STAINING ON GROUND SURFACE GROUND TANK. USE BACKHOE TO OVER EXCAVATE ANY IMPACTED SOILS TO BELOW GROUND WATER. NO SHEEN OR ODOR ON WATER.

SCALE
0 1 FT

FIELD 418.1 CALCULATIONS

PIT PERIMETER

PIT PROFILE

OVM READING

LAB SAMPLES

TRAVEL NOTES

Hall Environmental Analysis Laboratory

Date: 08-Nov-05

CLIENT: Blagg Engineering
Lab Order: 0510283
Project: Candelaria GC 1-Blow Pit
Lab ID: 0510283-02

Client Sample ID: 4-Pt Composite @ 5'
Collection Date: 10/25/2005 10:45:00 AM

Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: SCC
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	11/4/2005 10:00:51 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	11/4/2005 10:00:51 PM
Surr: DNOP	78.5	60-124		%REC	1	11/4/2005 10:00:51 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	11/1/2005 2:18:33 PM
Surr: BFB	106	83.1-124		%REC	1	11/1/2005 2:18:33 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

Hall Environmental Analysis Laboratory

Date: 08-Nov-05

CLIENT: Blagg Engineering

Client Sample ID: GW @ 6'

Lab Order: 0510283

Collection Date: 10/25/2005 8:20:00 AM

Project: Candelaria GC 1-Blow Pit

Lab ID: 0510283-01

Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	ND	0.50		µg/L	1	11/3/2005 5:03:08 PM
Toluene	ND	0.50		µg/L	1	11/3/2005 5:03:08 PM
Ethylbenzene	ND	0.50		µg/L	1	11/3/2005 5:03:08 PM
Xylenes, Total	ND	0.50		µg/L	1	11/3/2005 5:03:08 PM
Surr: 4-Bromofluorobenzene	101	82.2-119		%REC	1	11/3/2005 5:03:08 PM

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level