

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 PROD. CO. Telephone: (505)-326-9200 e-mail address: _____
Address: 200 ENERGY COURT, FARMINGTON, NM 87410
Facility or well name: GOOCH #3E API #: 30-045- 25186 U/L or Qtr/Qtr P Sec 32 T 28N R 8W
County: SAN JUAN Latitude 36.61389 Longitude 107.69833 NAD: 1927 ☐ 1983 ☒ Surface Owner Federal ☒ State ☐ Private ☐ Indian ☐

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 type="checkbox"/> Unlined <input checked="" 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>N/A</u> 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) 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: (check the onsite box if you are burying in place) 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.

Additional Comments: PIT LOCATED APPROXIMATELY 120 FT. N64W FROM WELL HEAD.
PIT EXCAVATION: WIDTH N/A ft., LENGTH N/A ft., DEPTH N/A ft.
PIT REMEDIATION: CLOSE AS IS: ☒, LANDFARM: ☐, COMPOST: ☐, STOCKPILE: ☐, OTHER ☐ (explain)
Cubic yards: N/A
BEDROCK BOTTOM

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: 12/09/05

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: DEPUTY OIL & GAS INSPECTOR, DIST. 4
Printed Name/Title

Signature [Signature]

Date: FEB 28 2006

CLIENT:

BP

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

LOCATION NO: 31722

COCR NO: 14514

FIELD REPORT: PIT CLOSURE VERIFICATION

PAGE No: 1 of 1

LOCATION: NAME: GOOCH WELL #: 3E TYPE: BLW

DATE STARTED: 12/8/05

DATE FINISHED:

ENVIRONMENTAL SPECIALIST:

NV

QUAD/UNIT: P SEC: 32 TWP: 28N RNG: 8W PM: NM CNTY: SJ ST: NM

QTR/FOOTAGE: 1000'S/940'E

SETBACK CONTRACTOR: P+S (ARTURO)

EXCAVATION APPROX. N/A FT. x N/A FT. x N/A FT. DEEP. CUBIC YARDAGE: N/A

DISPOSAL FACILITY: ON-SITE

REMEDATION METHOD: CLOSE AS IS

LAND USE: RANGE-BURN

LEASE: SE 080112

FORMATION: DK

FIELD NOTES & REMARKS:

PIT LOCATED APPROXIMATELY 120 FT. N64W FROM WELLHEAD.

DEPTH TO GROUNDWATER: >100'

NEAREST WATER SOURCE: >1,000'

NEAREST SURFACE WATER: >1,000'

NMOCD RANKING SCORE: 0

NMOCD TPH CLOSURE STD: 5,000 PPM

SOIL AND EXCAVATION DESCRIPTION:

OVM CALIB. READ. = 53.3 ppm

OVM CALIB. GAS = 100 ppm

RF = 0.52

TIME: 9:35 am DATE: 12/7/05

SOIL TYPE: SAND SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER BEDROCK (SANDSTONE)

SOIL COLOR: OK. YEL. BROWN TO MED. GRAY BEDROCK - LT. TO MED. GRAY

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 - BETWEEN 2'-3' BELOW GRADE IN TEST HOLE.

HC ODOR DETECTED: YES NO EXPLANATION - DISCOLORED SOIL & OVM SAMPLE

SAMPLE TYPE: GRAB COMPOSITE - # OF PTS. -

ADDITIONAL COMMENTS: COLLECTED SAMPLE FROM SOIL IMMEDIATELY ABOVE BEDROCK. BEDROCK -
 BEDROCK BOTTOM VERY HARD, COMPETENT. WILL INSTRUCT SUPERVISOR OF CREW TO DILUTE /
 AERATE IMPACTED SOIL & LEAVE IN PIT AREA.

CLOSED

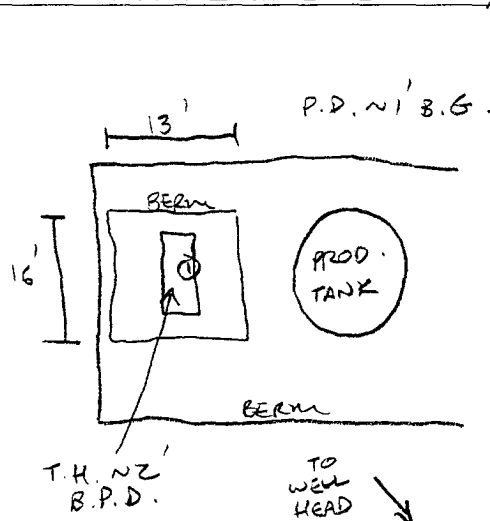
FIELD 418.1 CALCULATIONS

SCALE



0 FT

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

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

SAMPLE ID	FIELD HEADSPACE (ppm)
1 @ 3'	812
2 @	
3 @	
4 @	
5 @	

NOT APPLICABLE

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
1 @ 3'	TPH (80158)	0907
"	BTEX (80118)	"
"	CHLORIDE	"

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

TRAVEL NOTES:

CALLOUT: 12/7/05 - AFTER. ONSITE: 12/8/05 - MORN. (SCHED.)

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

BP 12/14/05

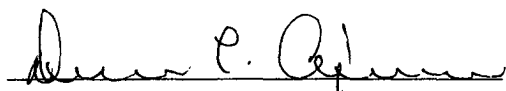
Client:	Blagg / XFO	Project #:	94034-010
Sample ID:	1 @ 3'	Date Reported:	12-09-05
Laboratory Number:	35382	Date Sampled:	12-08-05
Chain of Custody No:	14514	Date Received:	12-08-05
Sample Matrix:	Soil	Date Extracted:	12-08-05
Preservative:	Cool	Date Analyzed:	12-09-05
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

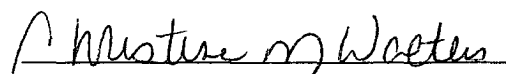
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	403	0.2
Diesel Range (C10 - C28)	49.3	0.1
Total Petroleum Hydrocarbons	452	0.2

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: Gooch #3E Blow Pit Grab Sample.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

21 12/14/05

BP

Client:	Blagg / XTO Energy	Project #:	94034-010
Sample ID:	1 @ 3'	Date Reported:	12-09-05
Laboratory Number:	35382	Date Sampled:	12-08-05
Chain of Custody:	14514	Date Received:	12-08-05
Sample Matrix:	Soil	Date Analyzed:	12-09-05
Preservative:	Cool	Date Extracted:	12-08-05
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	544	1.8
Toluene	3,770	1.7
Ethylbenzene	1,980	1.5
p,m-Xylene	14,700	2.2
o-Xylene	3,940	1.0
Total BTEX	24,930	

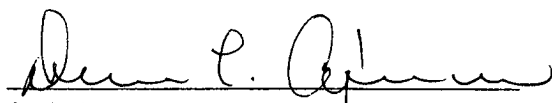
ND - Parameter not detected at the stated detection limit.

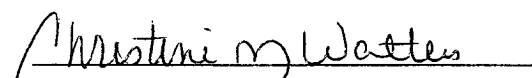
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	98.0 %
	1,4-difluorobenzene	98.0 %
	Bromochlorobenzene	98.0 %

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: Gooch #3E Blow Pit Grab Sample.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Chloride

BP #5 2/14/05

Client:	Blagg / XTO Energy	Project #:	94034-010
Sample ID:	1 @ 3'	Date Reported:	12-09-05
Lab ID#:	35382	Date Sampled:	12-08-05
Sample Matrix:	Soil	Date Received:	12-08-05
Preservative:	Cool	Date Analyzed:	12-09-05
Condition:	Cool and Intact	Chain of Custody:	14514

Parameter


Concentration (mg/Kg)

Total Chloride

16.9

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

Comments: Gooch #3E Blow Pit Grab Sample.


Analyst


Review