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

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

Form C-144
June 1, 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 ☒ Tank A

Operator: Burlington Resources Telephone: (505) 326-9841 e-mail address: Louis.E.Hasely@conocophillips.com
Address: 3401 East 30th Street, Farmington, New Mexico, 87402
Facility or well name: Cain No. 22 API #: 30045250370000 U/L or Qtr/Qtr C Sec 31 T 29N R 9W
County: San Juan Latitude 36.687206 Longitude -107.82545 NAD: 1927 ☒ 1983 ☐
Surface Owner: Federal ☒ State ☐ Private ☐ Indian ☐

Pit
Type: Drilling ☐ Production ☒ Disposal ☐
Workover ☐ Emergency ☐
Lined ☐ Unlined ☐
Liner type: Synthetic ☐ Thickness _____mil Clay ☐
Pit Volume _____bbl

Below-grade tank
Volume: 60 bbl Type of fluid: Produced Water and Incidental Oil
Construction material: Fiberglass
Double-walled, with leak detection? Yes ☐ If not, explain why not.
No. Tank in place prior to Rule 50

RCVD DEC28'06
OIL CONS. DIV.
DIST. 3

Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.)	Less than 50 feet 50 feet or more, but less than 100 feet 100 feet or more	(20 points) (10 points) (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 No	(20 points) (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 200 feet or more, but less than 1000 feet 1000 feet or more	(20 points) (10 points) (0 points)	20
	Ranking Score (Total Points)		20

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 your 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:
BGT A
Soil tested clean no soil remediation required

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: 12/19/06
Printed Name/Title Mr. Ed Hasely, Environmental Advisor Signature E D Hasely

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:
Printed Name/Title DEPUTY OIL & GAS INSPECTOR, DIST. #3 Signature Brandon Powell Date: DEC 28 2006

ENVIROTECH INC.

FIELD REPORT: CLOSURE VERIFICATION

PAGE NO: ___ of ___

LOCATION: NAME: Cain WELL #: 22 PIT: Sep

QUAD/UNIT: C SEC: 31 TWP: 29N RNG: 9W PM: NMPM CNTY: SJ ST: NM

QTR/FOOTAGE: 790 FNL 790 FWL CONTRACTOR: ? 4R

DATE STARTED: 11/14/06

DATE FINISHED: 11/14/06

ENVIRONMENTAL SPECIALIST: GWC

EXCAVATION APPROX 0 FT. x 0 FT. x 0 FT. DEEP. CUBIC YARDAGE: 0

DISPOSAL FACILITY: N/A REMEDIATION METHOD: N/A

LAND USE: Range LEASE: NMSF 080781 FORMATION: Dakota

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 93' FT. 175° FROM WELLHEAD.

DEPTH TO GROUNDWATER: >100 NEAREST WATER SOURCE: >1,000 NEAREST SURFACE WATER: <200

NMOCD RANKING SCORE: 20 NMOCD TPH CLOSURE STD: 100 PPM

CHECK ONE:

X PIT ABANDONED

___ STEEL TANK INSTALLED

SOIL AND EXCAVATION DESCRIPTION:

Two BGT onsite, Both samples from 3' below tank bottom passed field TPH and OVM. No soil remediation required

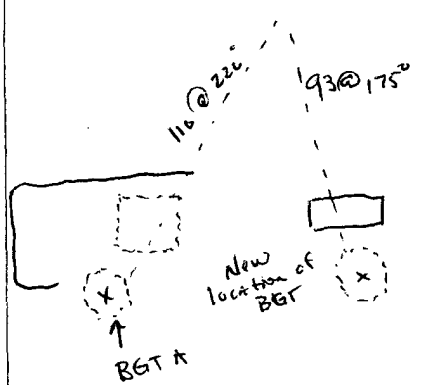
FIELD 418.1 CALCULATIONS

TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm
1249	Discrete Bottom @ 7'		5.0	20	4	16	64
	std (200)						214

SCALE

0 FT

PIT PERIMETER



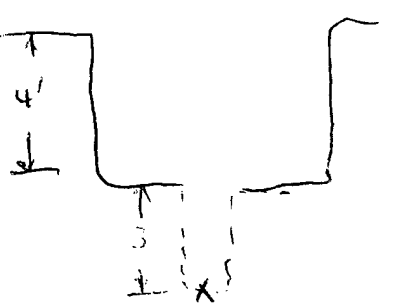
OVM RESULTS

SAMPLE ID	FIELD HEADSPACE PID (ppm)
1 bottom	1.0
2 std (100)	99
3	
4	
5	

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME

PIT PROFILE



TRAVEL NOTES: CALLOUT: _____ ONSITE: _____

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	Burlington Resources	Project #:	92115-046-057
Sample No.:	1	Date Reported:	11/15/2006
Sample ID:	Discrete 3' Below BGT	Date Sampled:	11/14/2006
Sample Matrix:	Soil	Date Analyzed:	11/14/2006
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**20.0**	**5.0**

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of \ and Waste, USEPA Storet No. 4551, 1978.

Comments: **Cain No. 22, BGT A**

Instrument callibrated to 200 ppm standard. Zeroed before each sample

Analyst

Review

5796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505 • 632 • 0615 • Fax 505 • 632 • 1865

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

CONTINUOUS CALIBRATION
EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Cal. Date: 14-Nov-06

Parameter	Standard Concentration mg/L	Concentration Reading mg/L
TPH	100	
	200	214
	500	
	1000	

The accepted percent relative deviation (%RSD) of the calibration factor is less than 20% over the working range.

Analyst

11/17/06
Date

Review

11-17-06
Date

5796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505 • 632 • 0615 • Fax 505 • 632 • 1865