

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 ☒

Tank B

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 DEC 28 2006
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	(20 points)	
	50 feet or more, but less than 100 feet	(10 points)	
	100 feet or more	(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	(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)	
	1000 feet or more	(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 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:

BGT B

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 [Signature]

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. 3
Printed Name/Title [Signature]

Signature

Date: DEC 28 2006

ENVIROTECH INC

ENVIRONMENTAL SCIENTISTS & ENGINEERS
 5799 U.S. HIGHWAY 14-3011
 FARMINGTON, NEW MEXICO 87401
 PHONE: (505) 635-0615

FIELD REPORT CLOSURE VERIFICATION

PAGE 1101 OF 1101

LOCATION: NAME: Cain WELL #: 22 PIT: Sep
 QUAD/UNIT: C SEC: 31 TWP: 29N RNG: 9W PM: NMM CNTY: SJ ST: NM
 QTR/FOOTAGE: 790 FNL 790 FNL 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

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

SOIL AND EXCAVATION DESCRIPTION:

CHECK ONE:
☒ PIT ABANDONED
☐ STEEL TANK INSTALLED

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

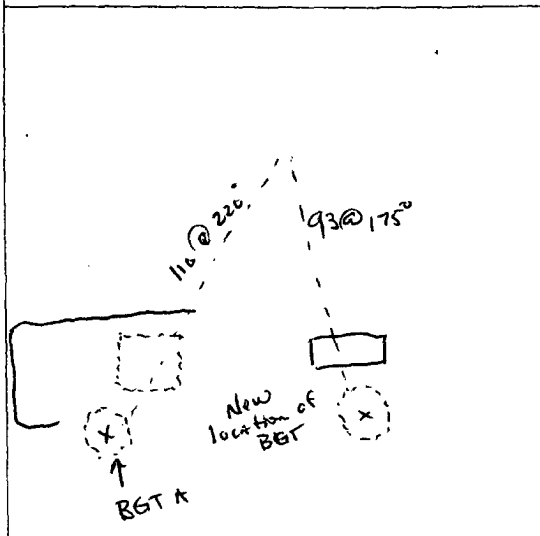


0 FT

PIT PERIMETER

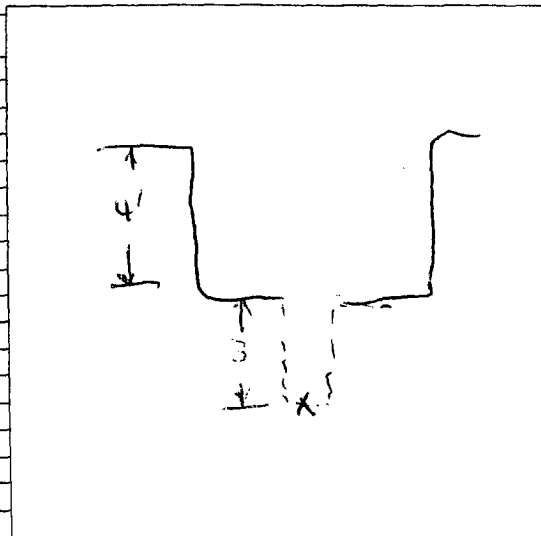
OVM RESULTS

PIT PROFILE



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

SAMPLE ID	ANALYSIS	TIME



TRAVEL NOTES:

CALLOUT: _____ ONSITE: _____

**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)
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Total Petroleum Hydrocarbons	60.0	5.0
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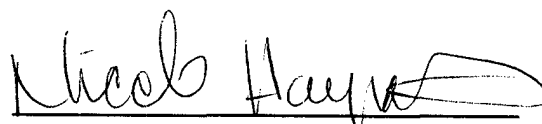
ND = Parameter not detected at the stated detection limit.

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

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

Instrument calibrated to 200 ppm standard. Zeroed before each sample


Analyst



Review

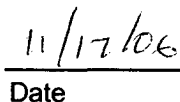
CONTINUOUS CALIBRATION
EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

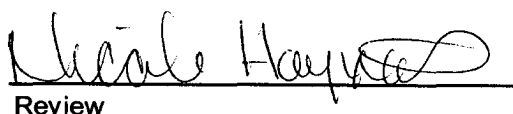
Cal. Date: 14-Nov-06

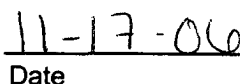
Parameter	Standard Concentration mg/L	Concentration Reading mg/L
TPH	100	214
	200	
	500	
	1000	

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


Analyst


Date


Review


Date