

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 ☒

Operator: <u>Dugan Production Corp</u> Telephone: <u>(505)325-1821</u> e-mail address: _____		
Address: <u>P.O. Box 420, Farmington, New Mexico 87401</u>		
Facility or well name: <u>Oktobefest No. 1</u> API #: <u>30-045-26498</u> U/L or Qtr/Qtr <u>A</u> Sec <u>36</u> T <u>24N</u> R <u>10W</u>		
County: <u>San Juan</u> Latitude <u>36 27536</u> Longitude <u>107.84176</u> NAD: 1927 <input type="checkbox"/> 1983 <input type="checkbox"/> Surface Owner Federal <input type="checkbox"/> State <input type="checkbox"/> Private <input type="checkbox"/> Indian <input type="checkbox"/>		
RCUD SEP 18 '07		
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 type="checkbox"/> Unlined <input checked="" type="checkbox"/> Liner type: Synthetic <input type="checkbox"/> Thickness _____ mil Clay <input type="checkbox"/> Pit Volume <u>77 ±</u> bbl	Below-grade tank Volume: _____ bbl Type of fluid: _____ 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) 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:
12' x 12' x 3'± deep unlined separator pit, center located at approximately 66 Feet South 31° West of wellhead
Use backhoe to dig into pit and sample. Submit 5-point composite sidewall/base sample for lab testing.

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: September 17, 2007

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: SEP 21 2007

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

LOCATION NO

COCR NO

3034

FIELD REPORT: PIT CLOSURE VERIFICATION

PAGE No. 1 of 1LOCATION: NAME OKTOBERFESTWELL #: 1TYPE: SEPDATE STARTED 8/13/07QUAD/UNIT A SEC: 36 TWP: 24N RNG: 10W PM: NM CNTY: SJ ST: NMDATE FINISHED 8/13/07QTR/FOOTAGE: 900 FNL x 750 FELCONTRACTOR: DPCENVIRONMENTAL
SPECIALISTJCBEXCAVATION APPROX. NA FT. x NA FT. x NA FT. DEEP. CUBIC YARDAGE: 0DISPOSAL FACILITY: NAREMEDATION METHOD: CLOSE AS ISLAND USE: RANGELEASE: LG-9804FORMATION:

FIELD NOTES & REMARKS:

PIT LOCATED APPROXIMATELY 66 FT. S 31 W FROM WELLHEADDEPTH TO GROUNDWATER: >100NEAREST WATER SOURCE: >1000NEAREST SURFACE WATER: >1000NMOCD RANKING SCORE: 0NMOCD TPH CLOSURE STD: 5000 PPM

SOIL AND EXCAVATION DESCRIPTION:

OVM CALIB. READ. = 52.9 ppmOVM CALIB. GAS = 100 ppm

RF = 0.52

TIME: 0700 am/pm DATE 8/13SOIL TYPE: SAND (SILTY SAND) SILT / SILTY CLAY / CLAY / GRAVEL / OTHER SOIL COLOR TANCOHESION (ALL OTHERS): NON COHESIVE (SLIGHTLY COHESIVE) COHESIVE / HIGHLY COHESIVECONSISTENCY (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 SATURATEDDISCOLORATION/STAINING OBSERVED: (YES) NO EXPLANATION: V. Minor Streaking 3'-5'HC ODOR DETECTED: (YES) NO EXPLANATION: V. Minor 3'-5'SAMPLE TYPE GRAB / COMPOSITE - # OF PTS. ADDITIONAL COMMENTS: 12' x 12' x 3' Unlined Pit.USE BACKHOLE TO SAMPLE.

FIELD 418.1 CALCULATIONS

SCALE

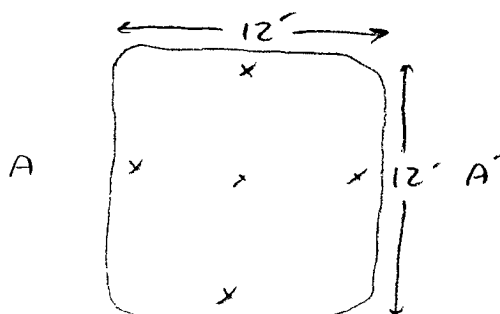


0 FT

N

PIT PERIMETER

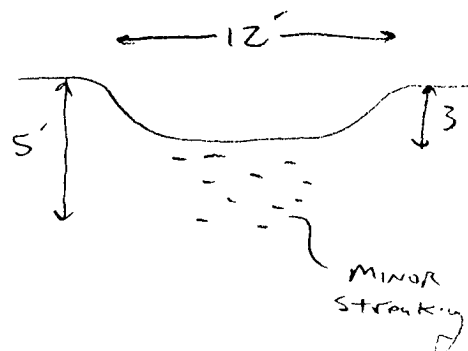
PIT PROFILE

OVM
READING

SAMPLE ID	FIELD HEADSPACE (ppm)
1 @	
2 @	
3 @	
4 @	
5 @	
5-PT 26'	7.0

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
5-PT	TPH/TEX	1050

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

TRAVEL NOTES:

CALLOUT: ONSITE: 8/13/07

**EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons**

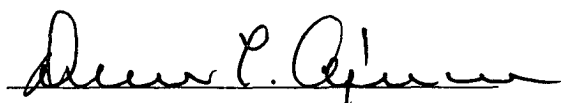
Client:	Blagg / Dugan	Project #:	94034-010
Sample ID:	Oktoberfest #1 Sep	Date Reported:	08-16-07
Laboratory Number:	42736	Date Sampled:	08-13-07
Chain of Custody No:	3034	Date Received:	08-14-07
Sample Matrix:	Soil	Date Extracted:	08-14-07
Preservative:	Cool	Date Analyzed:	08-16-07
Condition:	Cool & Intact	Analysis Requested:	8015 TPH


Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	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: **Unlined Pit Closures 5-Point @ 6'**


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Blagg / Dugan	Project #:	94034-010
Sample ID:	Oktoberfest #1 Sep	Date Reported:	08-16-07
Laboratory Number:	42736	Date Sampled:	08-13-07
Chain of Custody:	3034	Date Received:	08-14-07
Sample Matrix:	Soil	Date Analyzed:	08-16-07
Preservative:	Cool	Date Extracted:	08-14-07
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	1.3	0.9
Toluene	9.2	1.0
Ethylbenzene	1.4	1.0
p,m-Xylene	6.0	1.2
o-Xylene	ND	0.9
Total BTEX	17.9	

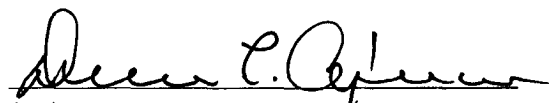
ND - Parameter not detected at the stated detection limit.

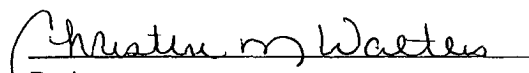
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	97.0 %
	1,4-difluorobenzene	97.0 %
	Bromochlorobenzene	97.0 %

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: Unlined Pit Closures 5-Point @ 6'


Analyst


Review