

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>Turks Toast No. 2</u> API #: <u>30-045-25431</u> U/L or Qtr/Qtr <u>D</u> Sec <u>19</u> T <u>30N</u> R <u>14W</u>		
County: <u>San Juan</u> Latitude <u>36.80466</u> Longitude <u>108.35697</u> NAD: 1927 <input type="checkbox"/> 1983 <input type="checkbox"/> Surface Owner Federal <input checked="" type="checkbox"/> State <input type="checkbox"/> Private <input type="checkbox"/> Indian <input type="checkbox"/>		
<b>Pit</b> Type: Drilling <input type="checkbox"/> Production <input checked="" type="checkbox"/> Disposal <input 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>51 ±</u> bbl	<b>Below-grade tank</b> 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) 10
	1000 feet or more	( 0 points)
	<b>Ranking Score (Total Points)</b>	10

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.

RCVD JUN21'07

OIL CONS. DIV.

DIST. 3

Additional Comments:
12' x 12' x 2'± deep unlined production pit, center located at approximately 114 Feet North 10° East of wellhead
Use backhoe to dig into pit to hard bedrock sandstone at 3 feet. Submit 5-point composite sidewall sample and pit center sample for laboratory 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: June 20, 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: Brandon Randall

Date: JUL 24 2007

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

LOCATION NO: \_\_\_\_\_

COCR NO: 2724**FIELD REPORT: PIT CLOSURE VERIFICATION**PAGE No: 1 of 1LOCATION: NAME: TURKS TOAST WELL #: 2 TYPE: PRODDATE STARTED: 5/30/07DATE FINISHED: 5/30/07QUAD/UNIT: D SEC: 19 TWP: 30N RNG: 14W PM: NM CNTY: SJ ST: NMENVIRONMENTAL  
SPECIALIST: JCBQTR/FOOTAGE: 790FNLx790FWLCONTRACTOR: MJOEXCAVATION APPROX. NA FT. x NA FT. x NA FT. DEEP. CUBIC YARDAGE: 0DISPOSAL FACILITY: NA REMEDIATION METHOD: CLOSE AS ISLAND USE: RANGE - BLM LEASE: NM-19163 FORMATION: DK**FIELD NOTES & REMARKS:**PIT LOCATED APPROXIMATELY 114 FT. N20E FROM WELLHEAD.DEPTH TO GROUNDWATER: >100 NEAREST WATER SOURCE: >1000 NEAREST SURFACE WATER: >200NMOC D RANKING SCORE: 10 NMOC D TPH CLOSURE STD: 1000 PPM**SOIL AND EXCAVATION DESCRIPTION:**OVM CALIB. READ. = 54.0 ppmOVM CALIB. GAS = 100 ppm RF = 0.52TIME: 1000 am DATE: 5/30SOIL TYPE: SAND / SILTY SAND 0'-3' SILT / SILTY CLAY / CLAY / GRAVEL OTHER SANDSTONE @ 3'

SOIL COLOR: \_\_\_\_\_

COHESION (ALL OTHERS): NON COHESIVE / SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVECONSISTENCY (NON COHESIVE SOILS): LOOSE / FIRM / DENSE VERY DENSEPLASTICITY (CLAYS): NON PLASTIC / SLIGHTLY PLASTIC / COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTIC

DENSITY (COHESIVE CLAYS &amp; SILTS): SOFT / FIRM / STIFF / VERY STIFF / HARD

MOISTURE: DRY / SLIGHTLY MOIST / MOIST / WET / SATURATED / SUPER SATURATEDDISCOLORATION/STAINING OBSERVED: YES / NO EXPLANATION - \_\_\_\_\_HC ODOR DETECTED: YES NO EXPLANATION - MINOR

SAMPLE TYPE: GRAB / COMPOSITE - # OF PTS. \_\_\_\_\_

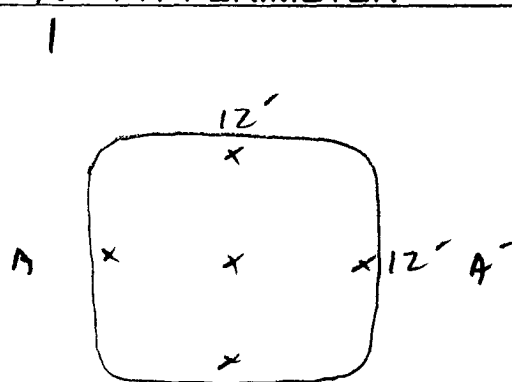
ADDITIONAL COMMENTS: \_\_\_\_\_

12'x12'x2'± Unlined Pit. USE  
Backhoe to Scrape to Sandstone @ 3'
**FIELD 418.1 CALCULATIONS**

SCALE



0 1 FT

**PIT PERIMETER****PIT PROFILE**

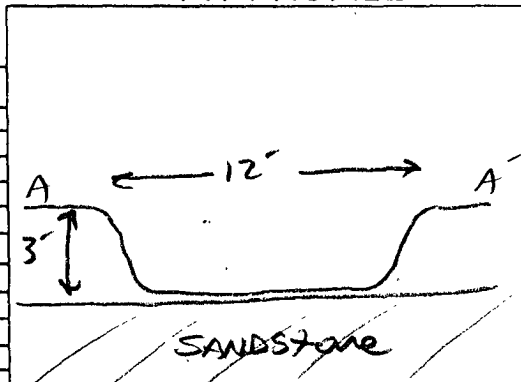
x = Sample Point

**OVM  
READING**

SAMPLE ID	FIELD HEADSPACE (ppm)
1 @	
2 @	
3 @	
4 @	
5 @	
5-Point @ 3'	16

**LAB SAMPLES**

SAMPLE ID	ANALYSIS	TIME
5-Point	T/B/CL	0930


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

TRAVEL NOTES:

CALLOUT: \_\_\_\_\_

ONSITE: 5/30/07

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

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


Client:	Blagg / Dugan	Project #:	94034-010
Sample ID:	Prod. Pit 5-Point @ 3'	Date Reported:	06-01-07
Laboratory Number:	41748	Date Sampled:	05-30-07
Chain of Custody No:	2724	Date Received:	05-31-07
Sample Matrix:	Soil	Date Extracted:	06-01-07
Preservative:	Cool	Date Analyzed:	06-01-07
Condition:	Cool & Intact	Analysis Requested:	8015 TPH

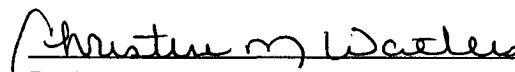
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	0.2	0.2
Diesel Range (C10 - C28)	155	0.1
Total Petroleum Hydrocarbons	155	0.2

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: **Turks Toast Well #2**

  
Analyst

  
Review

# ENVIROTECH LABS

**PRACTICAL SOLUTIONS FOR A BETTER TOMORROW**

## EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Blagg / Dugan	Project #:	94034-010
Sample ID:	Prod. Pit 5-Point @ 3'	Date Reported:	06-01-07
Laboratory Number:	41748	Date Sampled:	05-30-07
Chain of Custody:	2724	Date Received:	05-31-07
Sample Matrix:	Soil	Date Analyzed:	06-01-07
Preservative:	Cool	Date Extracted:	06-01-07
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	1.8
Toluene	5.8	1.7
Ethylbenzene	ND	1.5
p,m-Xylene	4.4	2.2
o-Xylene	ND	1.0
Total BTEX	10.2	

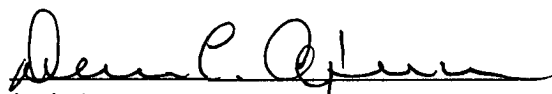
ND - Parameter not detected at the stated detection limit.

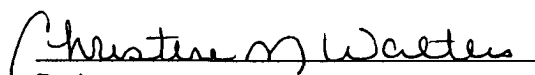
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	97.0 %
	1,4-difluorobenzene	97.0 %
	Bromochlorobenzene	97.0 %

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: Turks Toast Well #2

  
Analyst

  
Review

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Chloride

Client:	Blagg / Dugan	Project #:	94034-010
Sample ID:	Prod. Pit 5 - Point @ 3'	Date Reported:	06-01-07
Lab ID#:	41748	Date Sampled:	05-30-07
Sample Matrix:	Soil	Date Received:	05-31-07
Preservative:	Cool	Date Analyzed:	06-01-07
Condition:	Cool and Intact	Chain of Custody:	2724

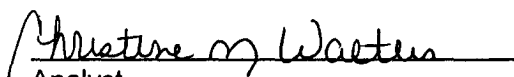
Parameter	Concentration (mg/Kg)
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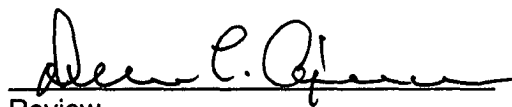
Total Chloride

2,060

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

Comments: Turks Toast Well #2

  
Analyst

  
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