

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

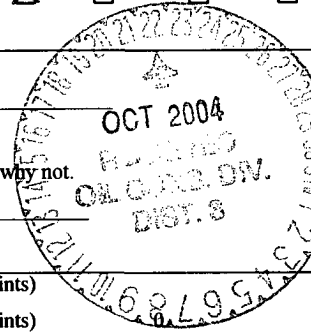
Form C-144  
June 1, 2004

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>Alamo Com 90</u> API #: <u>30-045-28806</u> U/L or Qtr/Qtr <u>K</u> Sec <u>4</u> T <u>25N</u> R <u>13W</u>			
County: <u>San Juan</u> Latitude <u>36.42967</u> Longitude <u>108.22666</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>50</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) 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) 1000 feet or more (0 points)		0
<b>Ranking Score (Total Points)</b>			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:
10' x 10' x 3' deep earthen pit., center located 27 feet North 53° West of wellhead.

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: 10/15/04

Printed Name/Title Jeffrey C. Blagg, NMPE 11607 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:

Printed Name/Title Denny Fent

Signature Denny Fent

Date: \_\_\_\_\_

DEPUTY OIL & GAS INSPECTOR, DIST. 8

OCT 22 2004

36.42967 x 108.22666

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

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

COCR NO: 12963**FIELD REPORT: PIT CLOSURE VERIFICATION**PAGE No: 1 of 1LOCATION: NAME: ALAMO COM WELL #: 90 TYPE: SEPDATE STARTED: 9-17-04DATE FINISHED: 9-17-04QUAD/UNIT: K SEC: 4 TWP: 25N RNG: 13W PM: NM CNTY: SJ ST: NMQTR/FOOTAGE: NE/SW

CONTRACTOR: \_\_\_\_\_

ENVIRONMENTAL SPECIALIST: JCBEXCAVATION APPROX. NA FT. x NA FT. x NA FT. DEEP. CUBIC YARDAGE: 0DISPOSAL FACILITY: NA

REMEDIATION METHOD: \_\_\_\_\_

LAND USE: RANGE - FEDLEASE: NM- 76866FORMATION: FC**FIELD NOTES & REMARKS:**PIT LOCATED APPROXIMATELY 27 FT. N53W FROM WELLHEAD.DEPTH TO GROUNDWATER: >100 NEAREST WATER SOURCE: >1000 NEAREST SURFACE WATER: >1000NMOCD RANKING SCORE: 0 NMOCD TPH CLOSURE STD: 5000 PPM**SOIL AND EXCAVATION DESCRIPTION:**
OVM CALIB. READ. = 52.7 ppm  
OVM CALIB. GAS = 100 ppm RF = 0.52  
TIME: 0815 am/pm DATE: 9/17/04
SOIL TYPE: SAND SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER \_\_\_\_\_SOIL COLOR: Yellow 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

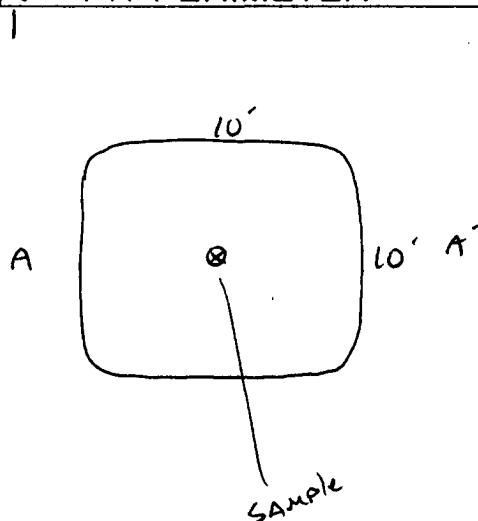
DENSITY (COHESIVE CLAYS &amp; SILTS): SOFT / FIRM / STIFF / VERY STIFF / HARD

MOISTURE: DRY / SLIGHTLY MOIST / MOIST / WET / SATURATED / SUPER SATURATEDDISCOLORATION/STAINING OBSERVED: YES NO EXPLANATION - MINORHC ODOR DETECTED: YES NO EXPLANATION - MINORSAMPLE TYPE: GRAB COMPOSITE - # OF PTS. \_\_\_\_\_ADDITIONAL COMMENTS: 10' x 10' x 3' Deep Abandon Earth Pit.  
USE HAND AUGER TO SAMPLE PIT CENTER.**FIELD 418.1 CALCULATIONS**

SCALE



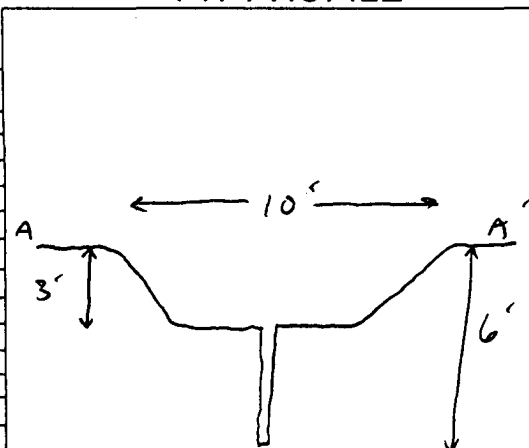
0 FT

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

SAMPLE ID	FIELD HEADSPACE (ppm)
1 @ 6'	10
2 @	
3 @	
4 @	
5 @	

**LAB SAMPLES**

SAMPLE ID	ANALYSIS	TIME
1006'	TPH	1020

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

TRAVEL NOTES:

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

ONSITE: 9/17/04

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

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

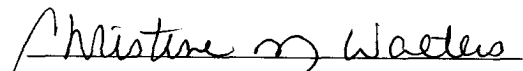
Client:	Blagg / Dugan	Project #:	94034-010
Sample ID:	Alamo Com 90	Date Reported:	09-21-04
Laboratory Number:	30514	Date Sampled:	09-17-04
Chain of Custody No:	12963	Date Received:	09-17-04
Sample Matrix:	Soil	Date Extracted:	09-18-04
Preservative:	Cool	Date Analyzed:	09-20-04
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

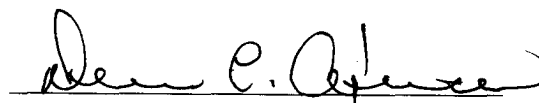
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	1.5	0.2
Diesel Range (C10 - C28)	17.6	0.1
Total Petroleum Hydrocarbons	19.1	0.2

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: Pit Testing Separator Pit 1 @ 6'.

  
Analyst

  
Review