

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>April Surprise No. 8</u> API #: <u>30-045-29419</u> U/L or Qtr/Qtr <u>P</u> Sec <u>30</u> T <u>24N</u> R <u>9W</u>		
County: <u>San Juan</u> Latitude <u>36.27960</u> Longitude <u>107.82288</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"/>		
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>53 ±</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

RCVD SEP 19 '07
OIL CONS. DIV.

DIST. 3

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:
10' x 10' x 3'± deep unlined separator pit, center located at approximately 57 Feet South 58° East 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,

Printed Name/Title District #3

Signature [Signature]

SEP 21 2007
Date: _____

30-045-29419

36-27960 x 107.82288

CLIENT: DUGAN
BLAGG 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 1
 LOCATION: NAME: APRIL SURPRISE WELL #: 8 TYPE: SEP
 QUAD/UNIT P SEC. 30 TWP. 24N RNG. 9W PM. NM CNTY. SJ ST. NM
 QTR/FOOTAGE: 680 FSL x 470 FEL CONTRACTOR: DPC
DATE STARTED 8-13-07DATE FINISHED 8-13-07ENVIRONMENTAL SPECIALIST JCBEXCAVATION APPROX. NA FT. x NA FT. x NA FT. DEEP. CUBIC YARDAGE: 0DISPOSAL FACILITY: NA REMEDIATION METHOD: CLOSE AS ISLAND USE: RANGE LEASE: NM 4958 FORMATION: GALFIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 57 FT. SSSE FROM WELLHEADDEPTH 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. = 52.9 ppm
 OVM CALIB. GAS = 100 ppm RF = 0.52
 TIME 0700 am/pm DATE 8/13
SOIL 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

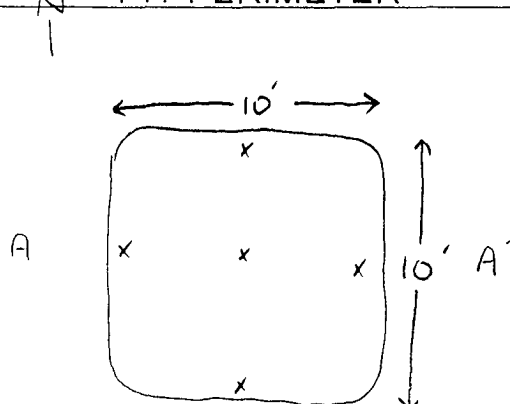
DENSITY (COHESIVE CLAYS & SILTS): SOFT / FIRM / STIFF / VERY STIFF / HARD

MOISTURE (DRY / SLIGHTLY MOIST) / MOIST / WET / SATURATED / SUPER SATURATEDDISCOLORATION/STAINING OBSERVED: (YES) NO EXPLANATION: FROM 3'-5' - Lite Gray StreakingHC ODOR DETECTED (YES) NO EXPLANATION: MINOR 3'-5'SAMPLE TYPE GRAB / COMPOSITE # OF PTS. 5ADDITIONAL COMMENTS: 10'x10'x3' Unlined Pit. USE BACKHOE TO DIG INTO PIT & SAMPLE**FIELD 418.1 CALCULATIONS**

SCALE



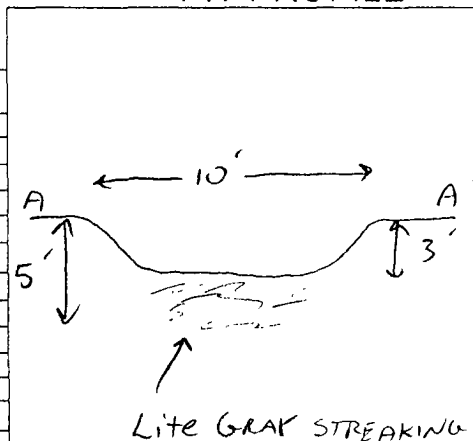
0 FT

PIT PERIMETER**OVM READING**

SAMPLE ID	FIELD HEADSPACE (ppm)
1 @	
2 @	
3 @	
4 @	
5 @	
5-pt @ 7	13

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
5-pt	TPH/BTEX	0930

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: 8/13/07

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

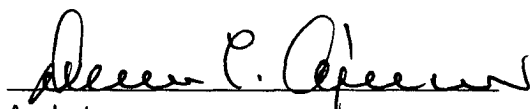
Client:	Blagg / Dugan	Project #:	94034-010
Sample ID:	April Surprise #8 Sep	Date Reported:	08-16-07
Laboratory Number:	42733	Date Sampled:	08-13-07
Chain of Custody No:	3034	Date Received:	08-14-07
Sample Matrix:	Soil	Date Extracted:	08-14-07
Preservative:	Cool	Date Analyzed:	08-16-07
Condition:	Cool & Intact	Analysis Requested:	8015 TPH

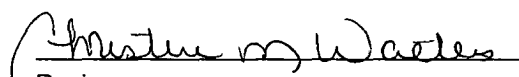
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	1.3	0.1
Total Petroleum Hydrocarbons	1.3	0.2

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 @ 7'**


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Blagg / Dugan	Project #:	94034-010
Sample ID:	April Surprise #8 Sep	Date Reported:	08-16-07
Laboratory Number:	42733	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	ND	0.9
Toluene	11.4	1.0
Ethylbenzene	4.5	1.0
p,m-Xylene	46.3	1.2
o-Xylene	20.8	0.9
Total BTEX	83.0	

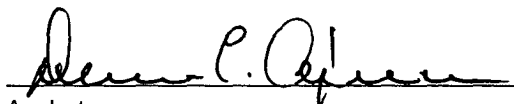
ND - Parameter not detected at the stated detection limit.

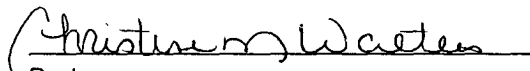
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	99.0 %
	1,4-difluorobenzene	99.0 %
	Bromochlorobenzene	99.0 %

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 @ 7'


Analyst


Review