

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

AUG 01 2013

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

Lease Serial No.  
NM45208

If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE** – Other instructions on page 2.

1. Type of Well

☐ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator  
Dugan Production Corp.

3a. Address  
P. O. Box 420, Farmington, NM 87499-0420

3b. Phone No. (include area code)  
505-325-1821

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
990' FNL & 990' FEL (NE/4, NE/4), Unit A  
Sec. 17, T24N, R9W

7. If Unit of CA/Agreement, Name and/or No.

8. Well Name and No.  
Ivy League #1

9. API Well No.  
30-045-26530

10. Field and Pool or Exploratory Area  
Bisti Lower Gallup

11. Country or Parish, State  
San Juan, NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Landfarm Closure
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Landfarm on location has been remediated and has passed all required soil testing and remediation is complete. The testing and remediation was carried out by Dugan Production Corp. and Blagg Engineering Inc. The analytical data and information was generated using specified and selected methods for determination of organic compounds EPA-600/4-79-020, and test methods for evaluating solid wastes, SW846. All samples were received by Hall Environmental Analysis Laboratory in good condition on 5/22/13. This sundry serves notices that Dugan Production Corp. intends to close this landfarm and use the remediated soils as needed on the lease. Landfarm (2592 cu yards) was initiated on 1/19/07. See attachments.

RCVD AUG 16 '13  
OIL CONS. DIV.  
DIST. 3

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

Rodger Mullins

Title Environmental

Signature

*[Signature]*

Date 07/30/2013

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

*[Signature]*

Title

ENVIRONMENTAL

Date

AUG 14 2013

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

COMPLIANCE TEAM LEAD

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

NMOC  
ca

**Analytical Report**

Lab Order 1305877

Date Reported: 5/30/2013

**Hall Environmental Analysis Laboratory, Inc.****CLIENT:** Blagg Engineering**Client Sample ID:** Ivy League #1**Project:** Landfarms**Collection Date:** 5/16/2013 11:50:00 AM**Lab ID:** 1305877-002**Matrix:** SOIL**Received Date:** 5/22/2013 10:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 8015D: DIESEL RANGE ORGANICS</b>							Analyst: <b>JME</b>
Diesel Range Organics (DRO)	360	10		mg/Kg	1	5/23/2013 9:59:11 PM	7560
Surr: DNOP	91.8	63-147		%REC	1	5/23/2013 9:59:11 PM	7560
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>DAM</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/24/2013 11:04:37 PM	7561
Surr: BFB	94.1	80-120		%REC	1	5/24/2013 11:04:37 PM	7561
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>DAM</b>
Benzene	ND	0.049		mg/Kg	1	5/24/2013 11:04:37 PM	7561
Toluene	ND	0.049		mg/Kg	1	5/24/2013 11:04:37 PM	7561
Ethylbenzene	ND	0.049		mg/Kg	1	5/24/2013 11:04:37 PM	7561
Xylenes, Total	ND	0.097		mg/Kg	1	5/24/2013 11:04:37 PM	7561
Surr: 4-Bromofluorobenzene	98.0	80-120		%REC	1	5/24/2013 11:04:37 PM	7561
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>JRR</b>
Chloride	12	7.5		mg/Kg	5	5/23/2013 2:50:42 PM	7593

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
	P	Sample pH greater than 2 for VOA and TOC only.	R	RPD outside accepted recovery limits
	RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

CLIENT: <u>DUGAN</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: _____ C.O.C. NO: <u>HALL</u>
----------------------	--	--

## FIELD REPORT: LANDFARM/COMPOST PILE CLOSURE VERIFICATION

LOCATION: NAME: <u>IVY LEAGUE</u> WELL #: <u>1</u> PITS: <u>—</u>	DATE STARTED: <u>5/16/2013</u>
QUAD/UNIT: SEC: <u>17</u> TWP: <u>24N</u> RNG: <u>9W</u> PM: <u>NM</u> CNTY: <u>SJ</u> ST: <u>NM</u>	DATE FINISHED: <u>5/16/13</u>
QTR/FOOTAGE: <u>990 FNL x 990 FEL</u> CONTRACTOR: <u>—</u>	ENVIRONMENTAL SPECIALIST: <u>JCB</u>

SOIL REMEDIATION:	
REMEDIATION SYSTEM: <u>LANDFARM</u>	APPROX. CUBIC YARDAGE: <u>70 ±</u>
LAND USE: <u>RANGE</u>	LIFT DEPTH (ft): <u>12"</u>

FIELD NOTES & REMARKS:	NMCD RANKING SCORE: <u>0</u>	NMCD TPH CLOSURE STD: <u>5000</u> PPM
DEPTH TO GROUNDWATER: <u>&gt;100</u>	NEAREST WATER SOURCE: <u>&gt;1000</u>	NEAREST SURFACE WATER: <u>&gt;1000</u>

SOIL TYPE: SAND / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER \_\_\_\_\_

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

COHESION (ALL OTHERS): NON COHESIVE / SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVE

CONSISTENCY (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 SATURATED

DISCOLORATION/STAINING OBSERVED: YES / NO EXPLANATION: \_\_\_\_\_

HC ODOR DETECTED: YES / NO EXPLANATION: \_\_\_\_\_

SAMPLING DEPTHS (LANDFARMS): \_\_\_\_\_ (INCHES)

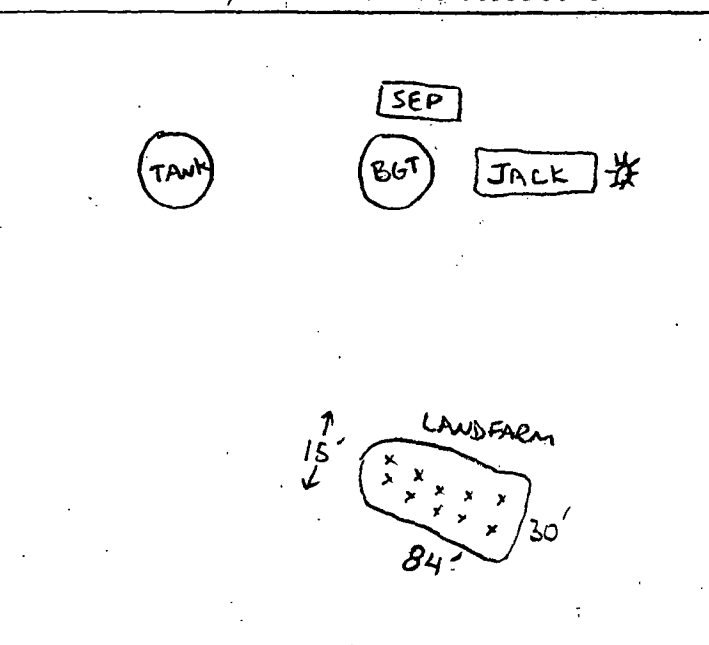
SAMPLE TYPE: GRAB / COMPOSITE # OF PTS. 10

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

### FIELD 418.1 CALCULATIONS

SAMP. TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm

### SKETCH/SAMPLE LOCATIONS



OVM CALIB. READ. 52.0 ppm  
 OVM CALIB. GAS = 100 ppm RF = 0.52  
 TIME: 1025 am/pm DATE: 5/16/13

### OVM RESULTS

### LAB SAMPLES

SAMPLE ID	FIELD HEADSPACE PID (ppm)	SAMPLE ID	ANALYSIS	TIME	RESULTS
10-pt	0.0	10pt	TPH	1150	360
			BTEX		0.0
			CL-		12

TRAVEL NOTES: CALLOUT: _____	ONSITE: <u>5/16/2013</u>
------------------------------	--------------------------

<b>Chain-of-Custody Record</b>		Turn-Around Time:
Client: <b>BLAGG ENGINEERING INC.</b>	<input checked="" type="checkbox"/> Standard	<input type="checkbox"/> Rush _____
<b>DUGAN PROD. CORP.</b>	Project Name:	
Mailing Address: <b>P.O. Box 87</b>	<b>LAND FARMS</b>	
<b>Bloomfield NM 87413</b>	Project #:	
Phone #: <b>505-632-1199</b>	Project Manager:	
email or Fax#:	<b>J. Blagg</b>	
QA/QC Package:		
<input checked="" type="checkbox"/> Standard	<input type="checkbox"/> Level 4 (Full Validation)	
Accreditation	Sampler: <b>J. Blagg</b>	
<input type="checkbox"/> NELAP	Office: <b>AS</b>	
<input type="checkbox"/> Other _____	Sample Temperature: _____	
<input type="checkbox"/> EDD (Type) _____		

☒ Standard      ☐ Rush

# LAND FARMS

Project #:

**Project Manager:**

J. B. A66

Sampler: J. Beale

Office ☒ Home ☒ No ☐

Sample Temperature	( )
--------------------	-----

[www.hallenvironmental.com](http://www.hallenvironmental.com)

4901 Hawkins NE - Albuquerque, NM 87109

**Tel. 505-345-3975      Fax 505-345-4107**

## Analysis Request

[illegible]

100

Date:	Time:	Relinquished by:	Received by:	Date	Time
2/21/13	1025	Jeff Sagg Christine Wacker	Christine Wacker	5/21/13	1025
Date:	Time:	Relinquished by:	Received by:	Date	Time
5/21/13	1748	Phil Hall	Phil Hall	05/02/13	1000

Remarks:	BILL BLAKE
----------	------------