

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.*

5. Lease Serial No.  
NM45208

6. If Indian, Allottee or Tribe Name  
Farmington Field Office  
Bureau of Land Management

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

1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		7. If Unit of CA/Agreement, Name and/or No.
2. Name of Operator Dugan Production Corp.		8. Well Name and No. Ivy League #1
3a. Address P. O. Box 420, Farmington, NM 87499-0420	3b. Phone No. (include area code) 505-325-1821	9. API Well No. 30-045-26530
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		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 <u>Landfarm Closure</u>
	<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 recomplete 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 recompletion 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 *Rodger Mullins* Date 07/30/2013

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

Approved by *Mark Kelly* 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.

NMOC  
ca

**Hall Environmental Analysis Laboratory, Inc.**

<b>CLIENT:</b> Blagg Engineering	<b>Client Sample ID:</b> Ivy League #1
<b>Project:</b> Landfarms	<b>Collection Date:</b> 5/16/2013 11:50:00 AM
<b>Lab ID:</b> 1305877-002	<b>Matrix:</b> SOIL
	<b>Received Date:</b> 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. E Value above quantitation range J Analyte detected below quantitation limits P Sample pH greater than 2 for VOA and TOC only. RL Reporting Detection Limit	B Analyte detected in the associated Method Blank H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits	Page 2 of 11
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CLIENT: DUGAN      **BLAGG ENGINEERING, INC.**  
 P.O. BOX 87, BLOOMFIELD, NM 87413  
 (505) 632-1199

LOCATION NO: \_\_\_\_\_  
 C.O.C. NO: HALL

**FIELD REPORT: LANDFARM/COMPOST PILE CLOSURE VERIFICATION**

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

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

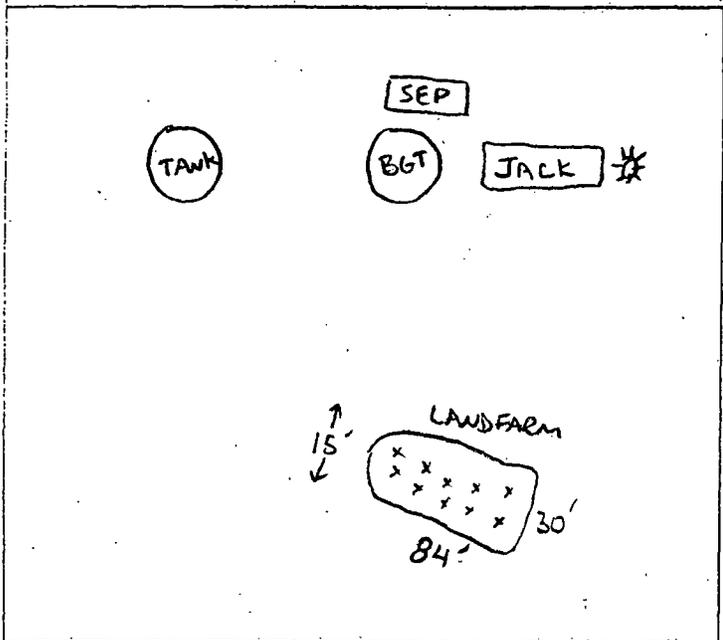
FIELD NOTES & REMARKS:      NMOCD RANKING SCORE: 0      NMOCD TPH CLOSURE STD: 5000 PPM  
 DEPTH TO GROUNDWATER: >100      NEAREST WATER SOURCE: >1000      NEAREST SURFACE WATER: >1000

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

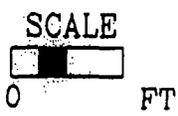
**SKETCH/SAMPLE LOCATIONS**



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

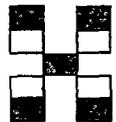


TRAVEL NOTES: CALLOUT: \_\_\_\_\_      ONSITE: 5/16/2013

# Chain-of-Custody Record

Client: BLAGG ENGINEERING INC.  
DUGAN PROD. CORP.  
 Mailing Address: P.O. Box 87  
BLOOMFIELD NM 87413  
 Phone #: 505-632-1199  
 email or Fax#:  
 QA/QC Package:  
 Standard  Level 4 (Full Validation)  
 Accreditation  
 NELAP  Other \_\_\_\_\_  
 EDD (Type) \_\_\_\_\_

Turn-Around Time:  
 Standard  Rush  
 Project Name:  
LANDFARMS  
 Project #:  
 Project Manager:  
J. Blagg  
 Sampler: J. Blagg  
 Office: AN  
 Sample Temperature: \_\_\_\_\_



## HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

### Analysis Request

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEALTH	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / DRO / MRO)	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270 SIMS)	RCRA 8 Metals	Anions (F, Cl, NO <sub>3</sub> , NO <sub>2</sub> , PO <sub>4</sub> , SO <sub>4</sub> )	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	CHLORIDE	Air Batching (V or M)
5/16/2013	1023	Soil	WBU #131	4oz x 1	cool	-001	X		X									X	
"	1150	"	IVY LEAGUE #1	"	"	-002	X		X									X	
"	1222	"	SEOUL #88	"	"	-003	X		X									X	
5/17/2013	1207	"	LOVIE LOVIE #1	"	"	-004	X		X									X	
"	1310	"	DOMESTORO 23 #1	"	"	-005	X		X									X	

Date: 5/20/13 Time: 1025 Relinquished by: [Signature]  
 Date: 5/21/13 Time: 1025 Received by: [Signature]  
 Date: 5/21/13 Time: 1748 Relinquished by: [Signature]  
 Date: 05/22/13 Time: 1000 Received by: [Signature]

Remarks: BILL BLAGG

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.