

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

AUG 01 2013

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

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

5. Lease Serial No.
NMSF078091
6. Indian, Allottee or Tribe Name
Shiprock

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. NMNM78448X
2. Name of Operator Dugan Production Corp.		8. Well Name and No. West Bisti Unit #131
3a. Address P. O. Box 420, Farmington, NM 87499-0420	3b. Phone No. (include area code) 505-325-1821	9. API Well No. 30-045-13403
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 2200' FSL & 1400' FEL (NW/4, SE/4), Unit J Sec. 28, T26N, R13W		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 (14107 cu yards) was initiated on 8/23/07. 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 *Mark Kelly* Title ENVIRONMENTAL COMPLIANCE TEAM LEAD 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.

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: WBU #131

Project: Landfarms

Collection Date: 5/16/2013 10:23:00 AM

Lab ID: 1305877-001

Matrix: SOIL

Received Date: 5/22/2013 10:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	5/23/2013 9:31:26 PM	7560
Surr: DNOP	86.4	63-147		%REC	1	5/23/2013 9:31:26 PM	7560
EPA METHOD 8015D: GASOLINE RANGE							Analyst: DAM
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	5/24/2013 10:35:58 PM	7561
Surr: BFB	95.5	80-120		%REC	1	5/24/2013 10:35:58 PM	7561
EPA METHOD 8021B: VOLATILES							Analyst: DAM
Benzene	ND	0.048		mg/Kg	1	5/24/2013 10:35:58 PM	7561
Toluene	ND	0.048		mg/Kg	1	5/24/2013 10:35:58 PM	7561
Ethylbenzene	ND	0.048		mg/Kg	1	5/24/2013 10:35:58 PM	7561
Xylenes, Total	ND	0.096		mg/Kg	1	5/24/2013 10:35:58 PM	7561
Surr: 4-Bromofluorobenzene	101	80-120		%REC	1	5/24/2013 10:35:58 PM	7561
EPA METHOD 300.0: ANIONS							Analyst: JRR
Chloride	2400	75		mg/Kg	50	5/24/2013 3:18:07 PM	7593

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

Qualifiers:	* 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>HAL</u>
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FIELD REPORT: LANDFARM/COMPOST PILE CLOSURE VERIFICATION

LOCATION: NAME: <u>WBU #131 (PxA)</u> WELL #: <u>131</u> PITS: <u>—</u>	DATE STARTED: <u>5/16/2013</u> DATE FINISHED: <u>5/16/2013</u>
QUAD/UNIT: SEC: <u>28</u> TWP: <u>26N</u> RNG: <u>13W</u> PM: <u>NM</u> CNTY: <u>SS</u> ST: <u>NM</u>	ENVIRONMENTAL SPECIALIST: <u>JCB</u>
QTR/FOOTAGE: _____ CONTRACTOR: <u>—</u>	

SOIL REMEDIATION:

REMEDIATION SYSTEM: LANDFARM APPROX. CUBIC YARDAGE: 400 ±

LAND USE: RANGE LIFT DEPTH (ft): 12"-18"

FIELD NOTES & REMARKS: NMCD RANKING SCORE: 0 NMCD 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 - _____

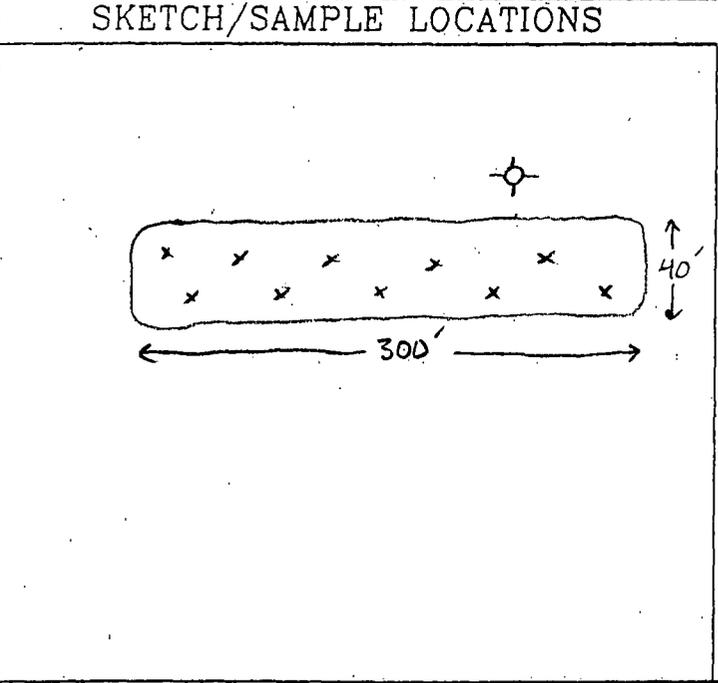
SAMPLING DEPTHS (LANDFARMS): 8"-12" (INCHES)

SAMPLE TYPE: GRAB / (COMPOSITE) - # OF PTS. 10

ADDITIONAL COMMENTS: 36.45801 N x 108.22020W

FIELD 418.1 CALCULATIONS

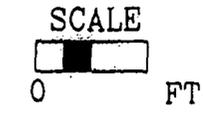
SAMP. TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm



OVM CALIB. READ. 52.0 ppm
OVM CALIB. GAS = 100 ppm, RF = 0.52
TIME: 1025 am/pm DATE: 5/16/2013

OVM RESULTS LAB SAMPLES

SAMPLE ID	FIELD HEADSPACE PID (ppm)	SAMPLE ID	ANALYSIS	TIME	RESULTS
10-pt	0.0	10-pt	TPH	1023	0.0
			BTEX		0.0
			CL		2400



TRAVEL NOTES: CALLOUT: _____ ONSITE: 5/16/2013

revised: 07/16/01 bei1006A:skd

Chain-of-Custody Record

Client: **BLAKE ENGINEERING INC.**

DUBAU 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. Blake

Sampler: **J. Blake**

Other: **As per Laboratory**

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	Analysis Request
5/16/13	1023	Soil	WBU # 131	4oz x 1	cool	X BTEX + MTBE + TMB's (8021) X BTEX + MTBE + TPH (Gas only) X TPH 8015B (GRO / DRO / MRO) X TPH (Method 418.1) X EDB (Method 504.1) X PAH's (8310 or 8270 SIMS) X RCRA 8 Metals X Anions (F, Cl, NO ₃ , NO ₂ , PO ₄ , SO ₄) X 8081 Pesticides / 8082 PCB's X 8260B (VOA) X 8270 (Semi-VOA) X CHLORIDE
"	1150	"	IVY LEAVE # 1	"	"	X BTEX + MTBE + TMB's (8021) X BTEX + MTBE + TPH (Gas only) X TPH 8015B (GRO / DRO / MRO) X TPH (Method 418.1) X EDB (Method 504.1) X PAH's (8310 or 8270 SIMS) X RCRA 8 Metals X Anions (F, Cl, NO ₃ , NO ₂ , PO ₄ , SO ₄) X 8081 Pesticides / 8082 PCB's X 8260B (VOA) X 8270 (Semi-VOA) X CHLORIDE
"	1222	"	SEOUL # 88	"	"	X BTEX + MTBE + TMB's (8021) X BTEX + MTBE + TPH (Gas only) X TPH 8015B (GRO / DRO / MRO) X TPH (Method 418.1) X EDB (Method 504.1) X PAH's (8310 or 8270 SIMS) X RCRA 8 Metals X Anions (F, Cl, NO ₃ , NO ₂ , PO ₄ , SO ₄) X 8081 Pesticides / 8082 PCB's X 8260B (VOA) X 8270 (Semi-VOA) X CHLORIDE
5/17/13	1207	"	LOUIE LOUIE # 1	"	"	X BTEX + MTBE + TMB's (8021) X BTEX + MTBE + TPH (Gas only) X TPH 8015B (GRO / DRO / MRO) X TPH (Method 418.1) X EDB (Method 504.1) X PAH's (8310 or 8270 SIMS) X RCRA 8 Metals X Anions (F, Cl, NO ₃ , NO ₂ , PO ₄ , SO ₄) X 8081 Pesticides / 8082 PCB's X 8260B (VOA) X 8270 (Semi-VOA) X CHLORIDE
"	1310	"	DOME TESORO 23 # 1	"	"	X BTEX + MTBE + TMB's (8021) X BTEX + MTBE + TPH (Gas only) X TPH 8015B (GRO / DRO / MRO) X TPH (Method 418.1) X EDB (Method 504.1) X PAH's (8310 or 8270 SIMS) X RCRA 8 Metals X Anions (F, Cl, NO ₃ , NO ₂ , PO ₄ , SO ₄) X 8081 Pesticides / 8082 PCB's X 8260B (VOA) X 8270 (Semi-VOA) X CHLORIDE

Relinquished by:

3/20/13 1025 **Amateur**

Received by:

5/16/13 1248 **MT Hall**

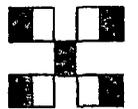
Date Time

5/21/13 1025

Date Time

05/02/13 1000

Remarks: **Bill Blake**



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

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.