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
March 12, 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: Dugan Production Corp Telephone: 505-325-1821 e-mail address: Marty Foutz@Dugan Production.com
Address: P.O. Box 420 Farmington N.M. 87499
Facility or well name: Sly Slav Com 90S API #: 30-045-31958 U/L or Qtr/Qtr P Sec 13 T 30N R 15W
County: San Juan Latitude 36°80'91.6" Longitude 108°35.97.2' NAD: 1927 ☐ 1983 ☐ Surface Owner Federal ☒ State ☐ Private ☐ Indian ☐

Pit	**Below-grade tank**	
Type: Drilling ☒ Production ☐ Disposal ☐ Workover ☐ Emergency ☐ Lined ☒ Unlined ☐ Liner type: Synthetic ☒ Thickness 12 mil Clay ☐ Volume _____ bbl	Volume: ____ bbl Type of fluid: _____ Construction material: _____ Double-walled, with leak detection? Yes ☐ 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 50 feet or more, but less than 100 feet 100 feet or more	(20 points) (10 points) (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 No	(20 points) (0 points)
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	Less than 200 feet 200 feet or more, but less than 1000 feet 1000 feet or more	(20 points) (10 points) (0 points)
	Ranking Score (Total Points)	

OCT 2004 RECEIVED 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: 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.

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: 9-7-04
Printed Name/Title Marty Foutz Production Foreman Signature

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:
Date: OCT 26 2004
Printed Name/Title DEPUTY OIL & GAS INSPECTOR, DIST. #3 Signature Denny Foust

API 30-045-31958 Fed

CLIENT: DUGAN PROD. CORP.	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: COCR NO: 11686

FIELD REPORT: PIT CLOSURE VERIFICATION

PAGE No: 1 of 1

LOCATION: NAME: SLY SLAV COM WELL #: 90S TYPE: RESERVE
QUAD/UNIT: P SEC: 13 TWP: 30N RNG: 15W PM: NM CNTY: SJ ST: NM
QTR/FOOTAGE: CONTRACTOR:

DATE STARTED: 7-14-04
DATE FINISHED:
ENVIRONMENTAL SPECIALIST: JCB

EXCAVATION APPROX. NA FT. x NA FT. x NA FT. DEEP. CUBIC YARDAGE: 0
DISPOSAL FACILITY: REMEDIATION METHOD:
LAND USE: RANGE LEASE: NM-10875 FORMATION:

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 24 FT. S81W FROM WELLHEAD.
DEPTH TO GROUNDWATER: >100 NEAREST WATER SOURCE: >1000 NEAREST SURFACE WATER: >1000
NMOCD RANKING SCORE: 0 NMOCD TPH CLOSURE STD: 5000 PPM

OVM CALIB. READ. = ppm
OVM CALIB. GAS = ppm RF = 0.52
TIME: am/pm DATE:

SOIL AND EXCAVATION DESCRIPTION:

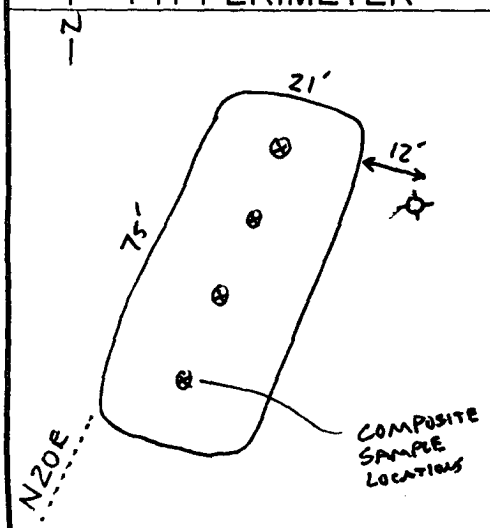
SOIL TYPE: SAND / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER
SOIL COLOR:
COHESION (ALL OTHERS): NON COHESIVE / SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVE
CONSISTENCY (NON COHESIVE SOILS): LOOSE / FIRM / DENSE / VERY DENSE
PLASTICITY (CLAYS): NON PLASTIC / SLIGHTLY PLASTIC / COHESIVE / 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 -
SAMPLE TYPE: GRAB (COMPOSITE) - # OF PTS. 4
ADDITIONAL COMMENTS: PVC LINED DRILLING RESERVE PIT. LIQUIDS REMOVED. COLLECT 4 POINT COMPOSITE SAMPLE OF MUD. 75' x 21' x 6' DEEP

FIELD 418.1 CALCULATIONS

SAMP. TIME	SAMP. ID	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. (ppm)

SCALE 0 FT

PIT PERIMETER



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

OVM READING

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

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
4. PG.	TPH · BTEX	1420
	8 RCRA	
	CL	
	EC · BSP · SAR	

PIT PROFILE

FAILS ON SALTS

TRAVEL NOTES: CALLOUT: ONSITE: 7-14-04

revised: 09/04/02

bei1005C.skf

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:	Sly Slav Com 90S	Date Reported:	07-16-04
Laboratory Number:	29558	Date Sampled:	07-14-04
Chain of Custody No:	11686	Date Received:	07-15-04
Sample Matrix:	Soil	Date Extracted:	07-15-04
Preservative:	Cool	Date Analyzed:	07-16-04
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**ND**	**0.2**
Diesel Range (C10 - C28)	**475**	**0.1**
Total Petroleum Hydrocarbons	**475**	**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: **Reserve Pits.**

Christine M Walters
Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Blagg / Dugan	Project #:	94034-010
Sample ID:	Sly Slav Com 90S	Date Reported:	07-16-04
Laboratory Number:	29558	Date Sampled:	07-14-04
Chain of Custody:	11686	Date Received:	07-15-04
Sample Matrix:	Soil	Date Analyzed:	07-16-04
Preservative:	Cool	Date Extracted:	07-15-04
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**ND**	**1.8**
Toluene	**5.3**	**1.7**
Ethylbenzene	**2.7**	**1.5**
p,m-Xylene	**2.6**	**2.2**
o-Xylene	**1.3**	**1.0**
Total BTEX	**11.9**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	**100 %**
	1,4-difluorobenzene	**100 %**
	Bromochlorobenzene	**100 %**

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: **Reserve Pit.**

Christine M Walters
Analyst

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EC, SAR, ESP, Cl Analysis

Client:	Blagg / Dugan	Project #:	94034-010
Sample ID:	Sly Slav Com 90S	Date Reported:	07-16-04
Laboratory Number:	29558	Date Sampled:	07-14-04
Chain of Custody:	11686	Date Received:	07-15-04
Sample Matrix:	Soil	Date Extracted:	07-15-04
Preservative:	Cool	Date Analyzed:	07-16-04
Condition:	Cool & Intact		

Parameter	Analytical Result	Units
Conductivity @ 25° C	**3.030**	mmhos/cm
Calcium	**19.2**	mg/Kg
Magnesium	**<0.1**	mg/Kg
Sodium	**1,110**	mg/Kg
Sodium Absorption Ratio (SAR)	**69.6**	ratio
Exchangeable Sodium Percent (ESP)	**50.1**	percent
Chloride	**643**	mg/Kg

Reference: U.S.E.P.A., 600/4-79-020, "Methods for Chemical Analysis of Water and Wastes", 1983.

Comments: **Reserve Pit, 4 - Point Composite.**

Christine M Walters
Analyst

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS

Client:	Blagg / Dugan	Project #:	94034-010
Sample ID:	Sly Slav Com 90 S	Date Reported:	07-19-04
Laboratory Number:	29558	Date Sampled:	07-14-04
Chain of Custody:	11686	Date Received:	07-15-04
Sample Matrix:	Soil	Date Analyzed:	07-19-04
Preservative:	Cool	Date Digested:	07-16-04
Condition:	Cool & Intact	Analysis Needed:	RCRA Metals

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)	TCLP Regulatory Level (mg/Kg)
Arsenic	**0.003**	**0.001**	**5.0**
Barium	**0.163**	**0.001**	**100**
Cadmium	**ND**	**0.001**	**1.0**
Chromium	**0.001**	**0.001**	**5.0**
Lead	**0.001**	**0.001**	**5.0**
Mercury	**ND**	**0.001**	**0.2**
Selenium	**0.001**	**0.001**	**1.0**
Silver	**ND**	**0.001**	**5.0**

ND - Parameter not detected at the stated detection limit.

References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils. SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision Spectroscopy, SW-846, USEPA, December 1996.

Note: Regulatory Limits based on 40 CFR part 261 subpart C section 261.24, August 24, 1998.

Comments: **Reserve Pit 4-Point Composite.**

Analyst

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CHAIN OF CUSTODY RECORD

11686

Client / Project Name	Project Location
BLAGG / DUGAN	RESERVE PIT
Sampler: J. C. Blagg	Client No. 94034-010

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	TPH 8015	BTEX 8021	8 RCRA METALS	CHLORIDE	EC, ESP, SAR		Remarks
					ANALYSIS / PARAMETERS							
CAMP DAVID COM 1S	7-14-04	1200	29554	SOLID	1	X	X	X	X	X		4-POINT COMPOSITE
POLES PARADISE 90	"	1305	29555	"	1	X	X	X	X	X		"
NICE COM 90	"	1320	29556	"	1	X	X	X	X	X		"
POLES PARADISE 91	"	1355	29557	"	1	X	X	X	X	X		"
SLY SLAV COM 90S	"	1420	29558	"	1	X	X	X	X	X		"
SLY SLAV COM 90	"	1440	29559	"	1	X	X	X	X	X		"
SLY SLAV COM 3S	"	1450	29560	"	1	X	X	X	X	X		"

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Jeff Blagg	7/15/04	0931	Jeremiah Byrne	7/15/04	9:31
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

5796 U.S. Highway 64
Farmington, New Mexico 87401
(505) 632-0615

Sample Receipt	Y	N	N/A
Received Intact	✓		
Cool - Ice/Blue Ice	✓		