

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@DuganProduction.com
Address: P.O. Box 420 Farmington N.M. 87499
Facility or well name: Nice Con 90 API #: 30-045-3456 U/L or Qtr/Qtr 0 Sec 7 T 30NR 14W
County: San Juan Co Latitude 36° 82' 44.4" Longitude 108° 34' 61.1" NAD: 1927 ☐ 1983 ☐ Surface Owner Federal ☒ State ☐ Private ☐ Indian ☐

Pit

Type: Drilling ☒ Production ☐ Disposal ☐

Workover ☐ Emergency ☐

Lined ☒ Unlined ☐

Liner type: Synthetic ☒ Thickness 12 mil Clay ☐ Volume

 bbl

Below-grade tank

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

(20 points)

50 feet or more, but less than 100 feet

(10 points)

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)

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

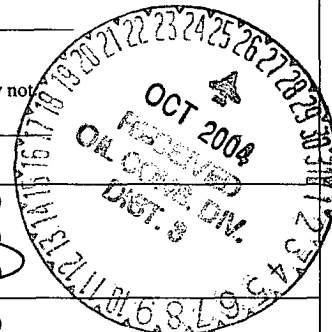
(10 points)

1000 feet or more

(0 points)

Ranking Score (Total Points)

0



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 M. Foutz

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 Derry Foutz

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 1LOCATION: NAME: NICE Com WELL #: 90 TYPE: RESERVEDATE STARTED: 7-14-04QUAD/UNIT: 0 SEC: 7 TWP: 30N RNG: 14 W PM: NM CNTY: SJ ST: NM

DATE FINISHED: _____

QTR/FOOTAGE: _____

CONTRACTOR: _____

ENVIRONMENTAL
SPECIALIST: JCBEXCAVATION APPROX. NA FT. x NA FT. x NA FT. DEEP. CUBIC YARDAGE: 0

DISPOSAL FACILITY: _____

REMEDATION METHOD: _____

LAND USE: RANGELEASE: NM-16765

FORMATION: _____

FIELD NOTES & REMARKS:

PIT LOCATED APPROXIMATELY 30 FT. S40W FROM WELLHEAD.DEPTH 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. = _____ ppm
OVM CALIB. GAS = _____ ppm RF = 0.52
TIME: _____ am/pm DATE: _____

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'x15'x7' DEEP

FIELD 418.1 CALCULATIONS

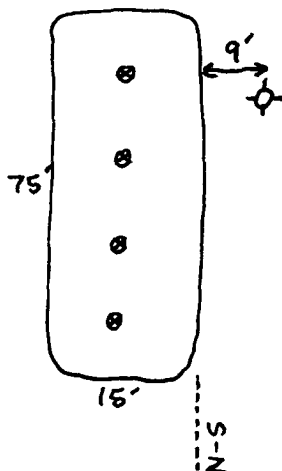
SCALE



0 FT

↑
N
1

PIT PERIMETER

OVM
READING

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

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
4. PT.	TPH - BTM	1320
	8 RCRA	
	CL	
	EC-ESP-SAR	

PIT PROFILE

FAILS ON SALTS

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

TRAVEL NOTES:

CALLOUT: _____

ONSITE: 7-14-04

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

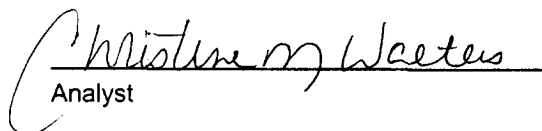
Client:	Blagg / Dugan	Project #:	94034-010
Sample ID:	Nice Com 90	Date Reported:	07-16-04
Laboratory Number:	29556	Date Sampled:	07-14-04
Chain of Custody No:	11686	Date Received:	07-15-04
Sample Matrix:	Soil	Date Extracted:	07-15-04
Preservative:	Cool	Date Analyzed:	07-16-04
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

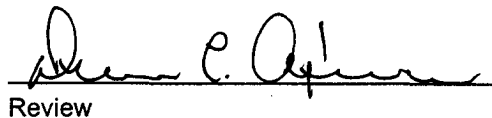
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	7.1	0.2
Diesel Range (C10 - C28)	7.2	0.1
Total Petroleum Hydrocarbons	14.3	0.2

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: **Reserve Pits.**


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Blagg / Dugan	Project #:	94034-010
Sample ID:	Nice Corn 90	Date Reported:	07-16-04
Laboratory Number:	29556	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	33.1	1.7
Ethylbenzene	24.3	1.5
p,m-Xylene	39.1	2.2
o-Xylene	13.1	1.0
Total BTEX	110	

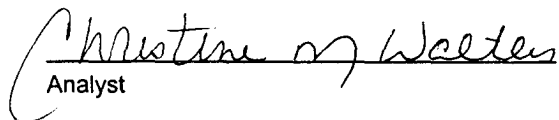
ND - Parameter not detected at the stated detection limit.

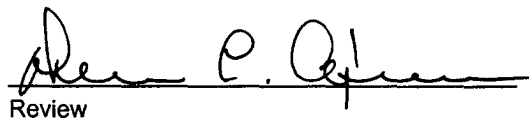
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	100 %
	1,4-difluorobenzene	100 %
	Bromochlorobenzene	100 %

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.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

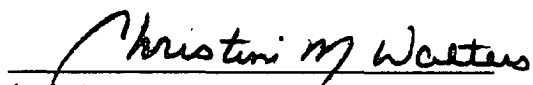
EC, SAR, ESP, CI Analysis

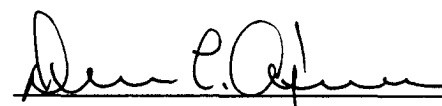
Client:	Blagg / Dugan	Project #:	94034-010
Sample ID:	Nice Corn 90	Date Reported:	07-16-04
Laboratory Number:	29556	Date Sampled:	07-14-04
Chain of Custody:	11686	Date Received:	07-15-04
Sample Matrix:	Soil	Date Extracted:	07-15-04
Preservative:	Cool	Date Analyzed:	07-16-04
Condition:	Cool & Intact		

Parameter	Analytical Result	Units
Conductivity @ 25° C	1.280	mmhos/cm
Calcium	30.4	mg/Kg
Magnesium	<0.1	mg/Kg
Sodium	680	mg/Kg
Sodium Absorption Ratio (SAR)	33.9	ratio
Exchangeable Sodium Percent (ESP)	32.6	percent
Chloride	659	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.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS

Client:	Blagg / Dugan	Project #:	94034-010
Sample ID:	Nice Corn 90	Date Reported:	07-19-04
Laboratory Number:	29556	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	0.004	0.001	5.0
Barium	0.194	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

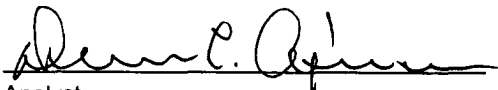
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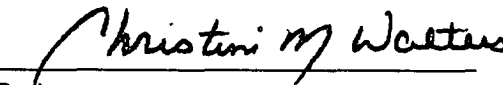
References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils.
SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emission 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


Review

CHAIN OF CUSTODY RECORD

11686

Client / Project Name		Project Location		ANALYSIS / PARAMETERS										Remarks		
BLAGG / DUGAN		RESERVE PIT														
Sampler:		Client No.		Sample Matrix		No. of Containers		TPH	BOL5	BTEX	8 RCA	CHLORIDE	EC, ESP, SAR			
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix												
CAMP DAVID COM 18	7-14-04	1200	29554	SOLID	1	X	X	X	X	X	X	X	X	4-PINT COMPOSITE		
POLES PARADISE 90	"	1305	29555	"	1	X	X	X	X	X	X	X	X	"		
NICE COM 90	"	1320	29556	"	1	X	X	X	X	X	X	X	X	"		
POLES PARADISE 91	"	1355	29557	"	1	X	X	X	X	X	X	X	X	"		
SLV SLAV COM 90S	"	1420	29558	"	1	X	X	X	X	X	X	X	X	"		
SLV SLAV COM 90	"	1440	29559	"	1	X	X	X	X	X	X	X	X	"		
SLV SLAV COM 38	"	1450	29560	"	1	X	X	X	X	X	X	X	X	"		
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time						
J. C. Blagg		7/15/04		0931		Samir Bagg		7/15/04		9:31						
Relinquished by: (Signature)						Received by: (Signature)										
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		