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
June 1, 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: Yates Drilling Company Telephone: (505)748-8440 e-mail address:
Address: 105 South 4th Street, Artesia, New Mexico 88210
Facility or well name: Nageezi Federal 1 API #: 30-045-26303 U/L or Qtr/Qtr F Sec 19 T 23N R 8W
County: San Juan Latitude 36.21442 Longitude 107.72363 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 ____mil Clay ☐ Pit Volume ____bbl	Volume: 45 bbl Type of fluid: Produced Water Construction material: Steel Double-walled, with leak detection? Yes ☐ If not, explain why not. Being closed out to meet guidelines

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)	0
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)	0
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)	0
	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: (check the onsite box if your are burying in place) 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.

Additional Comments:

45 barrel steel tank. Tank removed and soils sampled with backhoe. Enlarged pit to 18' x 18' and set tank in pit with base and sidewalls exposed.

Pit located 90 feet South 22° East of wellhead.

Not in vulnerable area

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: 12/20/04
Printed Name/Title Jeffrey C. Blagg, Agent, NMPE 11607 Signature Jeffrey C. Blagg

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:
Printed Name/Title_____ Signature Denny Foust Date: JAN 20 2005

30-045-26303 36.21492 N x 107.72363 W

CLIENT: YATES DRILLING	**BLAGG ENGINEERING, INC.** **P.O. BOX 87, BLOOMFIELD, NM 87413** **(505) 632-1199**	LOCATION NO: COCR NO: 13314

FIELD REPORT: PIT CLOSURE VERIFICATION

PAGE No: 1 of 1

LOCATION: NAME: NAGEEZI FED WELL #: 1 TYPE: SEP
QUAD/UNIT: F SEC: 19 TWP: 23N RNG: 8W PM: NM CNTY: SJ ST: NM
QTR/FOOTAGE: 1900 FNL x 2150 FWL CONTRACTOR: HD

DATE STARTED: 11-29-04
DATE FINISHED: 11-29-04
ENVIRONMENTAL SPECIALIST: JCB

EXCAVATION APPROX. NA FT. x NA FT. x NA FT. DEEP. CUBIC YARDAGE: 0
DISPOSAL FACILITY: NA REMEDIATION METHOD: CLOSE AS IS
LAND USE: RANGE - BLM LEASE: NM 23741 FORMATION: GALLUP

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 90 FT. S 22E 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. = 53.0 ppm
OVM CALIB. GAS = 100 ppm RF = 0.52
TIME: 1240 am/pm DATE: 11-29-04

SOIL AND EXCAVATION DESCRIPTION:

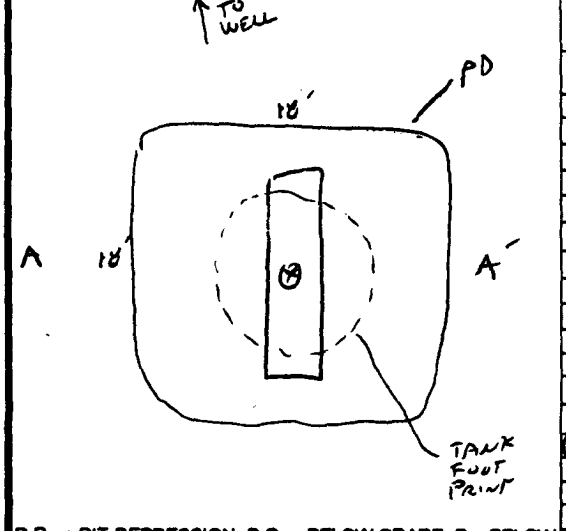
SOIL TYPE: SAND / SILTY SAND / SILT / (SILTY CLAY) / CLAY / GRAVEL / OTHER BEDROCK SHALESTONE @ 7' BG
SOIL COLOR: DARK BROWN
COHESION (ALL OTHERS): NON COHESIVE / (SLIGHTLY COHESIVE) / COHESIVE / HIGHLY COHESIVE
CONSISTENCY (NON COHESIVE SOILS): LOOSE / (FIRM) / DENSE / VERY DENSE
PLASTICITY (CLAYS): 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 - STAINING 4'-7'
HC ODOR DETECTED: (YES) / NO EXPLANATION - MODERATE
SAMPLE TYPE: (GRAB) / COMPOSITE - # OF PTS.
ADDITIONAL COMMENTS: 18'x18'x4' DEEP PIT w/ 45 BBL steel tank. USE BACKHOE TO REMOVE TANK & SAMPLE

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

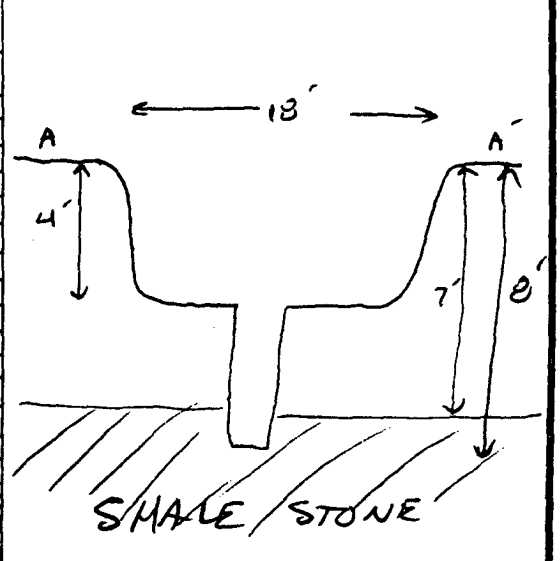
OVM READING

SAMPLE ID	FIELD HEADSPACE (ppm)
1 @ 8'	107
2 @	
3 @	
4 @	
5 @	

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
1120'	TPH/BTEX	1140

PIT PROFILE



TRAVEL NOTES: CALLOUT: ONSITE: 11/29/04

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 / Yates	Project #:	94034-010
Sample ID:	Nageezi Fed #1	Date Reported:	12-01-04
Laboratory Number:	31314	Date Sampled:	11-29-04
Chain of Custody No:	13314	Date Received:	11-29-04
Sample Matrix:	Soil	Date Extracted:	11-30-04
Preservative:	Cool	Date Analyzed:	12-01-04
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**0.5**	**0.2**
Diesel Range (C10 - C28)	**ND**	**0.1**
Total Petroleum Hydrocarbons	**0.5**	**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: **Separator Pits 1 @ 8'.**

Analyst

Review

5796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505 • 632 • 0615 • Fax 505 • 632 • 1865

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Blagg / Yates	Project #:	94034-010
Sample ID:	Nageezi Fed #1	Date Reported:	12-01-04
Laboratory Number:	31314	Date Sampled:	11-29-04
Chain of Custody:	13314	Date Received:	11-29-04
Sample Matrix:	Soil	Date Analyzed:	12-01-04
Preservative:	Cool	Date Extracted:	11-30-04
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**17.9**	**1.8**
Toluene	**47.3**	**1.7**
Ethylbenzene	**19.7**	**1.5**
p,m-Xylene	**99.8**	**2.2**
o-Xylene	**17.5**	**1.0**
Total BTEX	**202**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	**95 %**
	1,4-difluorobenzene	**95 %**
	Bromochlorobenzene	**95 %**

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: **Separator Pits 1 @ 8'.**

Analyst

Review

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