

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

Form C-144
June 1, 2004

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

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 PROD CORP Telephone: (505)-325-1821 e-mail address: _____
Address: PO BOX 420 FARMINGTON, NM 87499
Facility or well name: HUSKY FEDERAL #2 API #: 30-043- 20690 U/L or Qtr/Qtr D Sec 25 T 21N R 4W
County: SANDOVAL Latitude 36.02492 Longitude 107.21436 NAD: 1927 ☐ 1983 ☒ Surface Owner Federal ☒ State ☐ Private ☐ Indian ☐

Pit	Below-grade tank	
Type: Drilling <input type="checkbox"/> Production <input checked="" type="checkbox"/> Disposal <input type="checkbox"/> Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input type="checkbox"/> Unlined <input checked="" type="checkbox"/> Liner type: Synthetic <input type="checkbox"/> Thickness _____ mil Clay <input type="checkbox"/> Pit Volume _____ bbl	Volume: _____ bbl Type of fluid: _____ Construction material: <u>N/A</u> Double-walled, with leak detection? Yes <input type="checkbox"/> 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) 0
	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) 0
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) 0
	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: (check the onsite box if you 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: <u>PIT LOCATED APPROXIMATELY 60 FT. N68W FROM WELL HEAD.</u>
<u>PIT EXCAVATION: WIDTH 15 ft., LENGTH 15 ft., DEPTH 11 ft.</u>
<u>PIT REMEDIATION: CLOSE AS IS: <input type="checkbox"/>, LANDFARM: <input checked="" type="checkbox"/>, COMPOST: <input type="checkbox"/>, STOCKPILE: <input type="checkbox"/>, OTHER <input type="checkbox"/> (explain)</u>
Cubic yards: <u>90</u>

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 alternative OCD-approved plan ☒.

Date: 12/02/04

Printed Name/Title Jeff Blagg - P.E. # 11607 Signature Jeff 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: DEPUTY OIL & GAS INSPECTOR, DIST. #1
Printed Name/Title _____ Signature Denny Bent Date: DEC - 3 2004

36°01'29.7"N x 107°12'51.7"W

bei1005C.skf

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

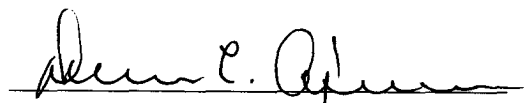
Client:	Blagg / Dugan	Project #:	94034-010
Sample ID:	Husky Federal #2 Sep (Abandon)	Date Reported:	08-31-04
Laboratory Number:	30329	Date Sampled:	08-30-04
Chain of Custody No:	12879	Date Received:	08-30-04
Sample Matrix:	Soil	Date Extracted:	08-30-04
Preservative:	Cool	Date Analyzed:	08-31-04
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

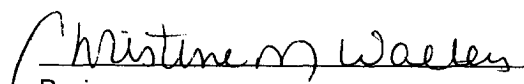
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

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: **Dugan Prod. Corp. 1 @ 11'.**


Analyst


Review

CLIENT: <u>DUGAN</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: _____ C.D.C. NO: <u>13092</u>
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FIELD REPORT: LANDFARM/COMPOST PILE CLOSURE VERIFICATION

LOCATION: NAME: <u>HUSKY FEDERAL</u> WELL #: <u>2</u> PITS: <u>Production</u> QUAD/UNIT: <u>D</u> SEC: <u>25</u> TWP: <u>21N</u> RNG: <u>4W</u> PM: <u>NM</u> CNTY: <u>SANDST: NM</u> QTR/FOOTAGE: <u>990 FNL x 990 FNL</u> CONTRACTOR: <u>MJO</u>	DATE STARTED: <u>8/30/04</u> DATE FINISHED: <u>10/12/04</u> ENVIRONMENTAL SPECIALIST: <u>JCB</u>
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SOIL REMEDIATION:

REMEDIATION SYSTEM: Stockpile/COMPOST APPROX. CUBIC YARDAGE: 90 ±
 LAND USE: RANGE (FEDERAL) LIFT DEPTH (ft): NA

FIELD NOTES & REMARKS:

NMCD RANKING SCORE: 0 NMCD TPH CLOSURE STD: 5000 PPM

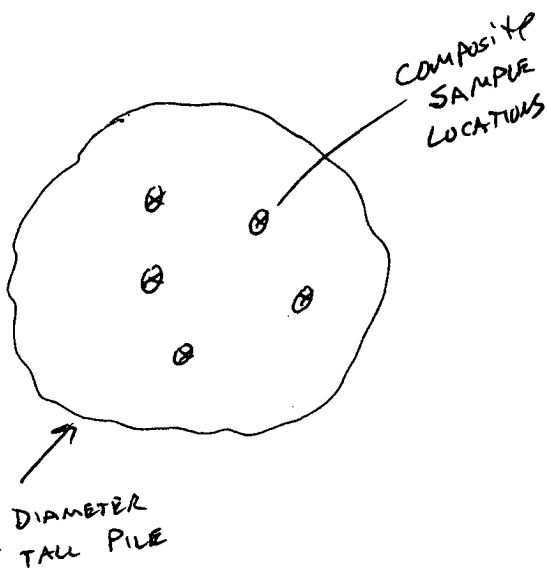
DEPTH TO GROUNDWATER: >100 NEAREST WATER SOURCE: >1000 NEAREST SURFACE WATER: >1000

SOIL TYPE: SAND / SILTY SAND / SILT / (SILTY CLAY) CLAY / GRAVEL / OTHER _____
 SOIL COLOR: 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: _____
 HC ODOR DETECTED: (YES) / NO EXPLANATION: VERY MINOR
 SAMPLING DEPTHS (LANDFARMS): NA (INCHES)
 SAMPLE TYPE: GRAB / (COMPOSITE) - # OF PTS. 5
 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. 53.3 ppm
 OVM CALIB. GAS = 100 ppm; RF = 0.52
 TIME: 1400 am/pm DATE: 10-12-04

OVM RESULTS

LAB SAMPLES

SAMPLE ID	FIELD HEADSPACE PID (ppm)	SAMPLE ID	ANALYSIS	TIME	RESULTS
<u>5-Point</u>	<u>71</u>	<u>5-Point</u>	<u>TPH</u>	<u>1350</u>	<u>2,090</u>

SCALE



0 FT

TRAVEL NOTES: CALLOUT: _____ ONSITE: 10/12/04 1340

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client: Blagg / Dugan
Sample ID: Husky Fed #2
Laboratory Number: 30945
Chain of Custody No: 13092
Sample Matrix: Soil
Preservative: Cool
Condition: Cool and Intact

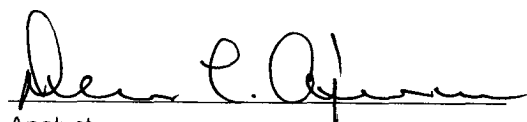
Project #: 94034-010
Date Reported: 10-15-04
Date Sampled: 10-12-04
Date Received: 10-13-04
Date Extracted: 10-14-04
Date Analyzed: 10-15-04
Analysis Requested: 8015 TPH

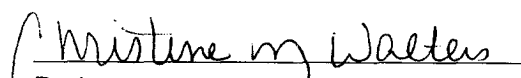
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	93.6	0.2
Diesel Range (C10 - C28)	2,000	0.1
Total Petroleum Hydrocarbons	2,090	0.2

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: **Landfarms 5-Pt. Composite.**


Analyst


Review