

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: <u>Chevron Production Co.</u> Telephone: <u>(505) 334-7117</u> e-mail address: <u>MArcher@chevron.com</u>		
Address: <u>322 County Road 3100, Aztec, NM 87410</u>		
Facility or well name: <u>Blanco #3A</u> API #: <u>30-045-30214</u> U/L or Qtr/Qtr <u>F</u> Sec <u>1</u> T <u>27N</u> R <u>9W</u>		
County: <u>San Juan</u> Latitude <u>36.607267</u> Longitude <u>-107.7431</u> NAD: 1927 <input checked="" type="checkbox"/> 1983 <input type="checkbox"/>		
Surface Owner: Federal <input checked="" type="checkbox"/> State <input type="checkbox"/> Private <input type="checkbox"/> Indian <input type="checkbox"/>		
Pit Type: Drilling <input type="checkbox"/> Production <input type="checkbox"/> Disposal <input type="checkbox"/> Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input type="checkbox"/> Unlined <input type="checkbox"/> Liner type: Synthetic <input type="checkbox"/> Thickness <u> </u> Clay <input type="checkbox"/> Pit Volume <u> </u> bbl	Below-grade tank Volume: <u>10</u> bbl Type of fluid: Construction material: <u>Corrugated Steel</u> Double-walled, with leak detection? Yes <input type="checkbox"/> If not, explain why not. <u>No. Tank was installed improperly and has been reinstalled.</u>	
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) 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	(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)
	1000 feet or more	(0 points) 20
Ranking Score (Total Points)		20

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:
Soil passed TPH standard of 100 ppm using USEPA Method 418.1 and the 100ppm OVM standard 3 feet below BGT.

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: 11-5-07

Printed Name/Title Mr. Michael W. Archer - HES Specialist

Signature Michael W. Archer

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.

Approved: DEPUTY OIL & GAS INSPECTOR, DIST. 4

Printed Name/Title Bob Roll

Signature Bob Roll

Date: NOV 29 2007

CLIENT: _____ CHEVRON	ENVIROTECH INC. <small>ENVIRONMENTAL SCIENTISTS & ENGINEERS 5796 U.S. HIGHWAY 64-3014 FARMINGTON, NEW MEXICO 87401 PHONE: (505) 632-0615</small>	LOCATION NO: _____ C.D.C. NO: _____
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FIELD REPORT: CLOSURE VERIFICATION		PAGE No: _____ of _____
LOCATION: NAME <u>BLANCO F</u> WELL #: <u>3A</u> PIT: <u>B&T</u>		DATE STARTED <u>10/23/07</u>
QUAD/UNIT: <u>F</u> SEC: <u>1</u> TWP: <u>27</u> RNG: <u>9</u> PM: <u>NM</u> CNTY: <u>SS</u> ST: <u>NM</u>		DATE FINISHED: _____
QTR/FOOTAGE: <u>1480FNL 1485 FNL</u> CONTRACTOR: _____		ENVIRONMENTAL SPECIALIST <u>ENTH</u>

EXCAVATION APPROX _____ FT. x _____ FT. x _____ FT. DEEP.	CUBIC YARDAGE: _____
DISPOSAL FACILITY: _____	REMEDIAATION METHOD: _____
LAND USE: <u>RANGE</u>	FORMATION: _____
API LEASE: <u>30-045-30214</u>	

FIELD NOTES & REMARKS:	PIT LOCATED APPROXIMATELY <u>103</u> FT. <u>35°</u> FROM WELLHEAD.
DEPTH TO GROUNDWATER: <u>>100</u>	NEAREST WATER SOURCE: <u>>1000</u> NEAREST SURFACE WATER: <u>~55'</u>
NMOCD RANKING SCORE: <u>20</u>	NMOCD TPH CLOSURE STD: <u>100</u> PPM

SOIL AND EXCAVATION DESCRIPTION:	CHECK ONE : <input type="checkbox"/> PIT ABANDONED <input checked="" type="checkbox"/> STEEL TANK INSTALLED
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5 POINT COMPOSITE FROM 3 FEET AUGER HOLES

FIELD 418.1 CALCULATIONS							
TIME	SAMPLE I.D.	LAB No	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC ppm
	200 STD					211	
	3' BROWN B&T	1	5	20	4	04	16

SCALE

 0 FT

PIT PERIMETER
OVM RESULTS
PIT PROFILE

	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>SAMPLE ID</th> <th>FIELD HEADSPACE PID (ppm)</th> </tr> <tr><td>1</td><td>0.1</td></tr> <tr><td>2</td><td></td></tr> <tr><td>3</td><td></td></tr> <tr><td>4</td><td></td></tr> <tr><td>5</td><td></td></tr> </table>	SAMPLE ID	FIELD HEADSPACE PID (ppm)	1	0.1	2		3		4		5											
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TRAVEL NOTES:	CALLOUT: _____	ONSITE: _____
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36° 36.436 107° 44.586

EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Client:	Chevron Production	Project #:	92270-192
Sample No.:	1	Date Reported:	10/23/2007
Sample ID:	Composite, 3' below BGT	Date Sampled:	10/23/2007
Sample Matrix:	Soil	Date Analyzed:	10/23/2007
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
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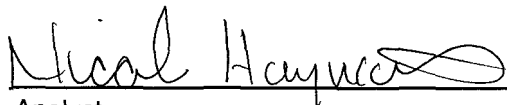
Total Petroleum Hydrocarbons	16	5.0
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ND = Parameter not detected at the stated detection limit.

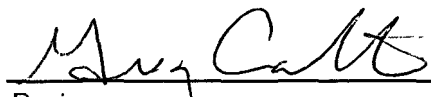
References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **Blanco #3A**

Instrument calibrated to 200 ppm standard. Zeroed before each sample


Analyst

Nicole Hayworth
Printed


Review

Greg Crabtree
Printed

CONTINUOUS CALIBRATION
EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Cal. Date: 23-Oct-07

Parameter	Standard Concentration mg/L	Concentration Reading mg/L
TPH	100	211
	200	
	500	
	1000	

The accepted percent relative deviation (%RSD) of the calibration factor is less than 20% over the working range.

Nicol Hayworth
Analyst

10/23/07
Date

Nicole Hayworth
Printed

Greg Crabtree
Review

10/23/07
Date

Greg Crabtree
Printed



Midcontinent Business Unit
San Juan Operations Team
Chevron U.S.A. Inc.
PO Box 730
Aztec, NM 87410

Michael W. Archer
Health, Environmental and Safety Specialist
Chevron North America
Exploration & Production Company
P.O. Box 730
Aztec, NM 87410

Project No. 92270-192

Phone: (505) 326-2657 ext. 112
Cell: (505) 320-7970

October 25, 2007

RCVD NOV 6 '07

Mr. Brandon Powell
New Mexico Oil Conservation Division
1000 Rio Brazos Road
Aztec, NM 87410

OIL CONS. DIV.
DIST. 3

Phone: (505) 334-6178 ext. 15

**RE: SOIL SAMPLING THREE (3) FEET BELOW BGT LOCATED AT THE BLANCO #3A WELL
SITE, SAN JUAN COUNTY, NEW MEXICO**

Dear Mr. Powell,

Envirotech has completed soil sampling three (3) feet below BGT located at the Blanco #3A well site, San Juan County, New Mexico. Attached to this letter are the field analysis and the C-144 pit closure documentation.

The site was ranked according to the NMOCD/BLM guidance for unlined surface impoundments. The site was ranked as a 100 ppm closure for Total Petroleum Hydrocarbons (TPH) and was screened for organic vapors using a Photo-Ionization Detector (PID). Five (5) holes were hand augured to a depth of approximately three (3) feet below the BGT. One (1) five-point composite sample was collected from the bottom of the five (5) holes. The sample was below the 100 ppm TPH standard at 16 ppm and was also below the 100 ppm standard for organic vapors.

Based on the results from the sampling at the Blanco #3A well site, Envirotech recommends no further action with regards to this site. If you have any questions or concerns, please do not hesitate to contact me.

Sincerely,

Michael W. Archer
Chevron North America
Exploration & Production Company

Enclosures: C-144, Field Notes, Analytical Results