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 For drilling and production facilities, submit to appropriate NMOCD District Office.
For downstream facilities, submit to Santa Fe office

Form C-144

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 \(\subseteq\) Closure of a pit or below-grade tank \(\subseteq\) Operator: <u>Chevron Production Co.</u> Telephone (505) 334-7117 e-mail address: MArcher@chevron.com Address: 322 County Road 3100, Aztec, NM 87410 Facility or well name: Rincon #279 API #. 30-039-24742 U/L or Qtr/Qtr <u>K</u> Sec <u>14</u> T <u>27 N</u> R <u>7 W</u> County Rio Arriba _____Latitude _____36.572445 Longitude __-107.54838 NAD: 1927 🛛 1983 🔲 Surface Owner: Federal ☐ State ☒ Private ☐ Indian ☐ Pit Below-grade tank Type: Drilling Production Disposal Volume: ___bbl Type of fluid: Construction material: Lined Unlined 🛛 Double-walled, with leak detection? Yes If not, explain why not Liner type: Synthetic Thickness Clay Pit Volume 25 bbl Less than 50 feet (20 points) Depth to ground water (vertical distance from bottom of pit to seasonal 50 feet or more, but less than 100 feet (10 points) high water elevation of ground water.) 100 feet or more (0 points) 0 Yes (20 points) Wellhead protection area: (Less than 200 feet from a private domestic No (0 points) water source, or less than 1000 feet from all other water sources.) Less than 200 feet (20 points) Distance to surface water: (horizontal distance to all wetlands, playas, 200 feet or more, but less than 1000 feet (10 points) irrigation canals, ditches, and perennial and ephemeral watercourses.) 1000 feet or more (0 points) 10 10 **Ranking Score (Total Points)** 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: Soil passed TPH standard of 1000 ppm and 100 ppm PID standard on November 11, 2006 at approximately 20 feet x 20 feet x 22 feet deep. 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 . Mr Michael W Archer - HES Specialist 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. DEC 0 4 2007 APPLITA OIL STGAS INSPECTOR, DISTING 3

ENTROTECH INC. 92730-169-001 ENTROTECH INC. 92730-169-001 FIELD REPORT: CLOSURE VERIFICATION PAGE NO: of DATE STATES PROBLEMENT OF									
PIZZAO-169-001 PART DOR REPORT: CLOSURE VERIFICATION PAGE NO: 01 LOCATION: NAME RAMAGN WELL # 239 PIT. N cg sep QUAD/UNIT K SEC 14 TWP 27N RNG 7N PM:NM CNTY. RA ST MT QUAD/UNIT K SEC 14 TWP 27N RNG 7N PM:NM CNTY. RA ST MT QUAD/UNIT K SEC 14 TWP 27N RNG 7N PM:NM CNTY. RA ST MT QUAD/UNIT K SEC 14 TWP 27N RNG 7N PM:NM CNTY. RA ST MT QUAD/UNIT K SEC 14 TWP 27N RNG 7N PM:NM CNTY. RA ST MT QUAD/UNIT K SEC 14 TWP 27N RNG 7N PM:NM CNTY. RA ST MT QUAD/UNIT K SEC 14 TWP 27N RNG 7N PM:NM CNTY. RA ST MT QUAD/UNIT K SEC 14 TWP 27N RNG 7N PM:NM CNTY. RA ST MT QUAD/UNIT K SEC 14 TWP 27N RNG 7N PM:NM CNTY. RA ST MT QUAD/UNIT K SEC 14 TWP 27N RNG 7N PM:NM CNTY. RA ST MT QUAD/UNIT K SEC 14 TWP 27N RNG 7N PM:NM CNTY. RA ST MT QUAD/UNIT K SEC 14 TWP 27N RNG 7N PM:NM CNTY. RA ST MT QUAD/UNIT K SEC 14 TWP 27N RNG 7N PM:NM CNTY. RA ST MT QUAD/UNIT K SEC 14 TWP 27N RNG 7N PM:NM CNTY. RA ST MT QUAD/UNIT K SEC 14 TWP 27N RNG 7N PM:NM CNTY. RA ST MT QUAD/UNIT K SEC 14 TWP 27N RNG 7N PM:NM CNTY. RA ST MT QUAD/UNIT K SEC 14 TWP 27N RNG 7N PM:NM CNTY. RA ST MT PERCANATION APPROX 20 FT. x 20 FT. x 12 FT. DEEP CUBIC YARDAGE. RAMELED PROMIT ON METHOD. AND EXCAVATION DESCRIPTION THE SAMPLES SUFFACE VAREE SUBCLE MCCO. AND EXCAVATION DESCRIPTION THE SAMPLES SUFFACE VAREE SUBCLE MCCO. AND EXCAVATION DESCRIPTION THE SAMPLES SUFFACE VAREE SUBCLE MCCO. AND EXCAVATION DESCRIPTION THE SAMPLES SUFFACE VAREE SUBCLE MCCO. AND EXCAVATION DESCRIPTION THE SAMPLES SUFFACE VAREE SUBCLE MCCO. AND EXCAVATION DESCRIPTION THE SAMPLES SUFFACE VAREE SUBCLE MCCO. AND EXCAVATION DESCRIPTION THE SAMPLES SUFFACE VAREE MCCO. AND EXCAVATION DESCRIPTION THE SAMPLES SUFFACE VARIE MCCO. AND EXCAVATION DESCRIPTION THE SAMPLES SUFFACE VARIE MCCO. AND EXCAVATION DESCRIPTION THE SAMPLES SUFFACE V	CLIENT: CHEVRON	I	Env	IROTEC	H INC.		LOC	N NOITA	D:
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	TRAVEL NOTES. CALLOUT:				NSITE				



November 30, 2006

SMA Project: 5115310

RE: Sampling activities for Pit Closure at the Rincon 279. Unit K, Sec. 14, T 27N, R 7W, Fruitland Coal, Rio Arriba County NM. Fed Lease SF079298-D. API 3003924742.

On May 27, 2005, SMA mobilized to the unlined <u>separator pit</u> at the Rincon 279. The dimensions of the unlined pit are approximately 20 X 20 X 4 feet.

On May 27, 2005, SMA collected a soil sample from the center pit bottom for field analysis by Photo Ionization Detector (PID). A four-point composite soil sample was collected from the sidewalls for field analysis by PID. The center pit bottom sample showed a PID reading of 1405 units and the sidewall composite sample showed a PID reading of 0 units. Soil samples for closure were collected for laboratory analysis. Samples were analyzed for Diesel Range Organics (DRO), and Gasoline Range Organics (GRO). Based on Field Screening with a PID, BTEX was analyzed by laboratory methods. The laboratory analysis of the closure samples showed hydrocarbon levels of:

May 27, 2005	DRO ppm	GRO ppm	Benzene ppm	BTEX ppm
4 Point Sidewall	BDL	BDL	NA	NA
Center Pit Bottom	3550	2340	0.793	80.743

BDL: Below Detection Limits

NA: Not Analyzed

On July 17, 2006 SMA collected five discrete samples from the bottom of the pit at the Rincon 279.

July 17, 2006	DRO ppm	GRO ppm	Benzene ppm	BTEX ppm
NE Corner	219	BDL	NA	NA
NW Corner	74.8	BDL	NA	NA
SW Corner	BDL	BDL	NA	NA
SE Corner	BDL	BDL	NA	NA
Center Pit Bottom	135	70.6	BDL	760.1

On November 11, 2006 SMA collected five discrete samples from the bottom of the pit at the Rincon 279 after excavation to an approximate depth of 22 feet BG.

11/10/06	DRO ppm	GRO ppm	PID	BTEX ppm
NE Corner	BDL.	BDL	7.9	NA
NW Corner	BDL	BDL	19.2	NA
SW Corner	BDL	BDL	12.2	NA
SE Corner	BDL	BDL	17.1	NA
Center Pit Bottom	BDL	BDL	55.7	NA

Remedial excavation has been performed based on laboratory analysis of soil samples. On behalf of our client, Pure Resources, SMA requests closure for this pit. Groundwater was not encountered.

· And Best of Many Serve ?

Respectfully submitted,

John Hagstrom

Environmental Technician

Souder, Miller and Associates

Scientists & Engineers

www.soudermiller.com



November 20, 2007

Project # 92270-170-001

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

Phone: (505) 326-2657 ext. 112

Cell: (505) 320-7970

RE: LANDFARM SAMPLING LOCATED AT RINCON UNIT #279, RIO ARRIBA COUNTY, NEW MEXICO.

Dear Mr. Archer,

Enclosed are the analytical results for the sample collected from the location designated above.

A composite sample was field tested per the United States Environmental Protection Agency's (USEPA) Method 418.1 for Total Petroleum Hydrocarbons (TPH)'s and for Organic Vapors (OV) with a Photo Ionization Detector (PID).

The TPH results were below the NMOCD standard of 1000 ppm and the OV were also below the required 100 ppm closure standard.

Due to results below the regulatory limit for this site Envirotech recommends that this landfarm be closed and not further action be taken with regards to this landfarm.

Should you have any question or require additional information, please do not hesitate to contact us at (505) 632-0615.

Respectfully Submitted,

ENVIROTECH, INC.

Nicole Hayworth

Environmental Scientist

nhayworth@envirtoech-inc.com

ENVIROTECH Inc.	
ENVIROTECT INC.	
5796 US HWY. 64, FARMINGTON, NM 87401 (505) 632-0615	PIT No C.O C #
FIELD REPORT: REMEDIATION FACILITY CLOSURE VERIFICATION	JOB No: of
FACILITY LOCATION: RINCON UNIT 279 SOURCE LOCATION:	DATE STARTED: 8/28/07 DATE FINISHED: 8/28/07
SOURCE LOCATION	ENVIRONMENTAL GWC
3	COMP. SAMPLES: 1
VISIBLE OBSERVATIONS: SOIL VISUALLY CLEAN, NO ODOR	
SAMPLING PLAN: ONE (1) 5- POINT COMPOSITE SAMPLE	
FIELD NOTES & REMARKS: FACILITY CENTER LOCATED APPROX 60 YARDS	245° FROM WELLHEAD.
DEPTH TO GROUNDWATER:> 160 NEAREST WATER SOURCE/TYPE:> 160 NEAREST SURFACE WATER:>200 < 1000	•
MAX TPH PER NMOCD: 4000	
COMPOSITE SAMPLES: YARDAGE#	
0-200=1 201-400=2 7PH = 4r × 4 = 164 ppm	
401-1000=3 >1000=5	
FACILITY DIAGRAM GRID SCALE:	
36 E245° GRID SCALE	
OVM	
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	ESTIMATED GROUNDWATER FLOW DIR



EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client:

Chevron

Project #:

92270-169-001

Sample No.:

1

Date Reported:

11/8/2007

Sample ID:

Landfarm Composite

Date Sampled:

8/28/2007

Sample Matrix:

Soil

Date Analyzed:

8/28/2007

Preservative: Condition:

Cool and Intact

Analysis Needed:

TPH-418.1

Parameter

Concentration (mg/kg)

Det. Limit (mg/kg)

Total Petroleum Hydrocarbons

164

5.0

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:

Rincon Unit #279

Instrument calibrated to 200 ppm standard. Zeroed before each sample

Analyst

Review

Greg Crabtree

Printed

Printed

Nicole Hayworth



CONTINUOUS CALIBRATION EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Cal	Date:
Oai.	Date.

Printed

28-Aug-07

Parameter	Standard Concentration mg/L	Concentration Reading mg/L	
ТРН	100		
	200	204	
	500		
	1000		

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

Mux Cath	11/8/0-1
Analyst	Date
Greg Crabtree	
Printed	
Mical Hayrox	11 08/7
Review	Date
Nicole Havworth	



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

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Phone: (505) 334-6178 ext. 15

Michael W. Archer Project No. 92270-169-001

Health, Environmental and Safety Specialist Chevron North America Exploration & Production Company P.O. Box 730

P.O. Box 730 Phone: (505) 326-2657 ext. 112

Aztec, NM 87410 Cell: (505) 320-7970

November 20, 2007

OIL COMS. DIV.

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

RE: SOIL SAMPLING OF AN EARTHEN PIT LOCATED AT THE RINCON #279 WELL SITE.

RIO ARRIBA COUNTY, NEW MEXICO

Dear Mr. Powell,

Envirotech has completed a site assessment of an earthen pit located at the Rincon #279 well site, Rio Arriba County, New Mexico that had previously been excavated and sampled by Souder, Miller & Associates (SMA). Attached to this letter are the field site assessment sheet, the C-144 pit closure documentation, and a letter from SMA entitled RE: Sampling activities for Pit Closure at the Rincon 279. Unit K, Sec. 14, T 27N, R 7W, Fruitland Coal, Rio Arriba County NM. Fed Lease SF079298-D. API 3003924742.

The site was ranked by Envirotech according to the NMOCD/BLM guidance for unlined surface impoundments. The site was ranked as a 1000 ppm closure for Total Petroleum Hydrocarbons (TPH).

SMA conducted sampling on three (3) separate occasions. On May 27, 2005 two (2) composite samples were collected. One (1) sample was collected from the sidewalls and one (1) sample was collected from the bottom. The sidewall sample was below detection limits on this date. On this date the dimensions are stated to be approximately 20 feet x 20 feet x 4 feet deep. SMA retuned on July 17, 2006 and took five (5) separate composite samples from the bottom. Two (2) of these samples were below detections limits. The dimensions on this date are unknown. SMA

completed the sampling of this pit on November 11, 2006 when they collected five (5) additional composite samples from the bottom. On this date all samples were below detection limits. The finial depth reported by SMA was 22 feet deep. Contaminated soil from this excavation was landfarmed on site.

Envirotech was onsite on September 5, 2007 to perform a site assessment to determine the ranking and closure standard for this site. While onsite Envirotech observed a 12 foot deep excavation and an NMOCD ranking score of 10, giving the site a 1000 ppm closure standard.

Based on the results from the sampling at the Rincon #279 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 Site Assessment Sheet

SMA Letter