

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: WILLIAMS PRODUCTION CO. Telephone: 970563330 e-mail address: olivia.mcnamara@williams.com
Address: 999 GORDMAN AVE IGNACIO, CO 81137
Facility or well name: ROSA 311 API #: 300392463300 U/L or Qtr/Qtr: SESW Sec: 28H T: 31N R: 4W
County: PIO ABIEBA Latitude: 36.87365 Longitude: -107.25277 NAD: 1927 ☐ 1983 ☐ Surface Owner Federal ☒ State ☐ Private ☐ Indian ☐

Pit	Below-grade tank	
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 _____ mil Clay <input type="checkbox"/> Pit Volume _____ bbl	Volume: <u>20</u> bbl Type of fluid: <u>PRODUCED WATER</u> Construction material: <u>FIBERGLASS</u> Double-walled, with leak detection? Yes <input type="checkbox"/> If not, explain why not. <u>INSTALLED BY PREVIOUS OPERATOR</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) <u>0</u>
	100 feet or more <input checked="" type="checkbox"/>	(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 <input checked="" type="checkbox"/>	(0 points) <u>0</u>
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) <u>0</u>
	1000 feet or more <input checked="" type="checkbox"/>	(0 points)
Ranking Score (Total Points)		<u>0</u>

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: NO REMEDIATION IS NECESSARY

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: 9/2/2004

Printed Name/Title: OLIVIA MCNAMARA, EH&S

Signature: Olivia McNamara

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. #3

Printed Name/Title

Signature

Lenny Fent SEP - 7 2004
Date:



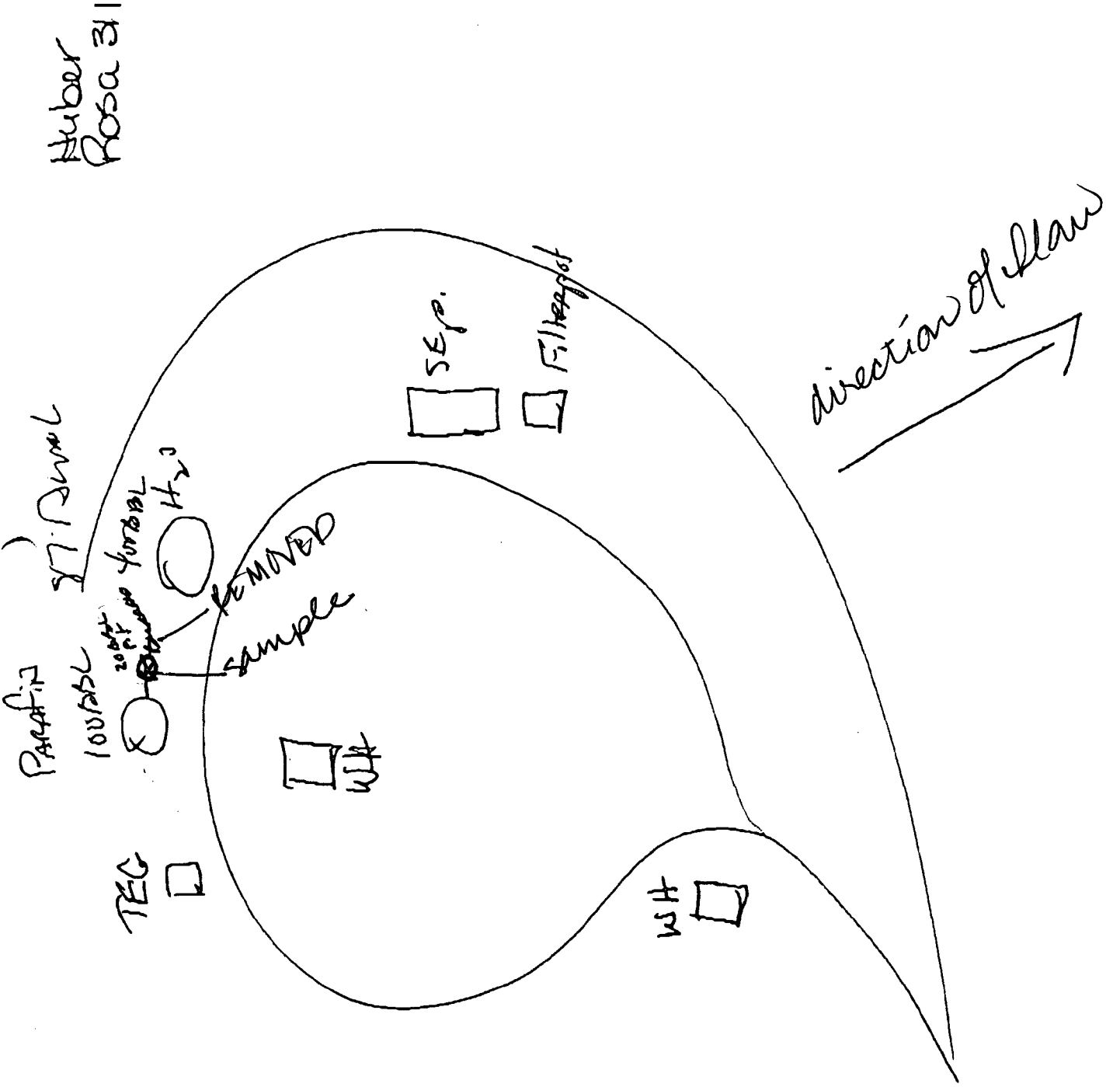
Williams Production Company, LLC.

Below-grade tank closure plan

All below-grade tanks associated with a natural gas well operated by Williams Production Company, LLC will be closed in accordance with this plan. Therefore, in lieu of attaching a copy of the plan with each C-144, a reference will be made that the pit will be closed under the general plan.

Before closure, a site assessment will be conducted at the location to determine the extent to which soils and/or groundwater may have been impacted by the below grade tank. This assessment will use the risk based ranking system outlined in the MNOCDC Guidelines. Below grade tanks will be tested in accordance with MNOCDC guidelines. Samples will be collected from at least 3 feet into the undisturbed native soil below the tank. If the below grade tank had secondary containment and leak detection and never experienced fluids in the leak detection, no sample is required from soil underlying the tank.

Based on sample results and the location's ranking, remedial action will be determined. After any necessary remediation has been completed, the pit will be closed by backfilling with at least 3 feet of clean soil or like material that is capable of supporting native plant growth and the surface where the below grade tank was located will be contoured to prevent erosion and ponding of rainwater over the site.



ENVIROTECH LABS

REAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client:	Baker Energy	Project #:	04062-001
Sample ID:	Pit	Date Reported:	07-15-04
Laboratory Number:	29541	Date Sampled:	07-13-04
Chain of Custody No:	12585	Date Received:	07-14-04
Sample Matrix:	Soil	Date Extracted:	07-14-04
Preservative:	Cool	Date Analyzed:	07-15-04
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: Rosa 311.


Analyst


Review

ENVIROTECH LABS

ENVIRONMENTAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Baker Energy	Project #:	04062-001
Sample ID:	Pit	Date Reported:	07-15-04
Laboratory Number:	29541	Date Sampled:	07-13-04
Chain of Custody:	12585	Date Received:	07-14-04
Sample Matrix:	Soil	Date Analyzed:	07-15-04
Preservative:	Cool	Date Extracted:	07-14-04
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	1.8
Toluene	11.6	1.7
Ethylbenzene	8.9	1.5
p,m-Xylene	24.0	2.2
o-Xylene	ND	1.0
Total BTEX	44.5	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	96 %
	1,4-difluorobenzene	96 %
	Bromochlorobenzene	96 %

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: Rosa 311.

Analyst

Review