

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: Williams Production Co., LLC Telephone: 970-563-3319 email address: myke.lane@williams.com
Address: 999 Goddard Ave, Ignacio, CO 81137
Facility or well name: Rosa 160 API #: 30-039-25890 U/L or Qtr/Qtr O Sec 25 T 31N R 06W
County: Rio Arriba Latitude 36.86691 Longitude -107.40981 NAD: 1927 ☐ 1983 ☒
Surface Owner: Federal ☒ State ☐ Private ☐ Indian ☐

Pit 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 type="checkbox"/> Liner type: Synthetic <input type="checkbox"/> Thickness <u> </u> mil Clay <input type="checkbox"/> Pit Volume <u> </u> bbl	Below-grade tank Volume: <u>120</u> bbl Type of fluid: <u>Produced Water</u> Construction material: <u>Fiberglass with Plastic Liner</u> Double-walled, with leak detection? Yes <input checked="" type="checkbox"/> If not, explain why not. <u> </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 ✓ 100 feet or more	(10 points) ✓ (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)
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 ft or more, but less than 1000 feet 1000 feet or more	✓ (10 points) (0 points)
Ranking Score (Total Points)		10

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:

BGT failed. No release discovered when replacing tank. As BGT to be taken out of service, collected soil samples of excavation bottom before backfilling. No soil remediation required.

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: 5/24/05

Printed Name/Title Michael K. Lane/EH&S 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.

Approval: DEPUTY OIL & GAS INSPECTOR, DIST. #5

Printed Name/Title

Signature 

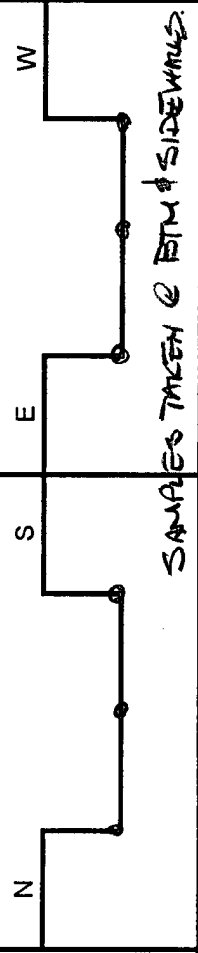
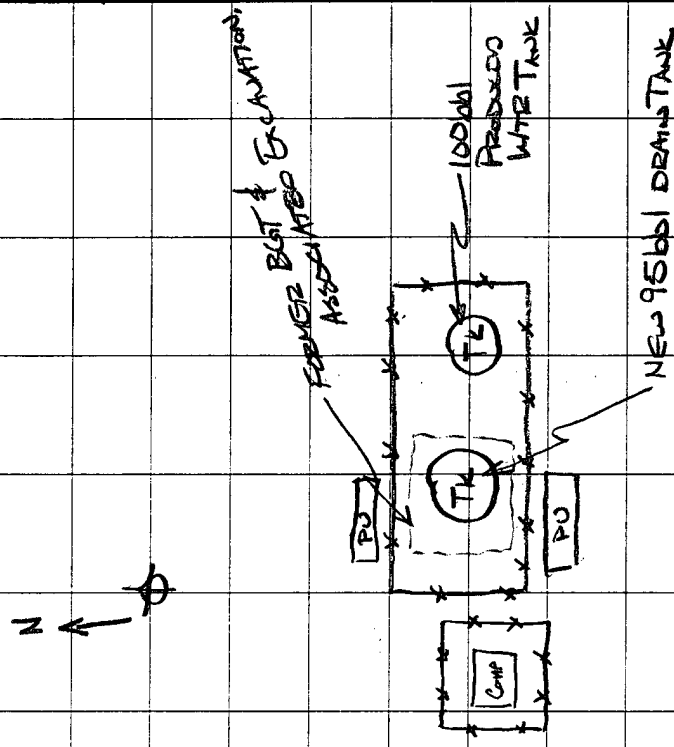
Date: MAY 27 2005

Location: Rosa 160
Footages: 1250' FSL & 790' FSL
Unit Letter: Q **Sec.** 25 **Twn.** 31N **Rng** 6W
Lat: _____ **Long:** _____
Lease Num. SF-078766 **Land Type:** FEED
Pit Type: FARMER BGT
Pit Reference _____
Reference: _____ **Wellhead** _____ **Footage:** 60'
Direction: N or S 10° **Degrees** E or W
Initial size: 25' x 25'
Final Size: _____
Total Cubic Yards: 5100cy
Distances from (ft): _____ **points**
Groundwater: 7100' Ø
Wellhead Protection Area: 71000' Ø
Nearest Surface Water: 200'-1000' 10
Distance to ephemeral stream: _____
(Navajo/Jicarilla only) _____
Ranking Score (points): 10

Sample ID	Description	Field Reading
1	SM/ML	NA
2	"	"
3	"	"
4	"	"
5	"	"
6		
7		
8		

Comments: TWO SAMPLES
1- SPT. COMPOSITE FROM SOILS ABOVE BGT
1- SPT. COMPOSITE FR. LAND FILLING SOILS
Tests: BTEX/TPH

Site Diagram:



612 E. Murray Drive
Farmington, NM 87499

Off: (505) 327-1072

FAX: (505) 327-1496

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P.O. Box 3788
Shiprock, NM 87420

Off: (505) 368-4065

ANALYTICAL REPORT

Date: 20-Apr-05

CLIENT: Williams - Exploration & Production
Work Order: 0504011
Project: ROSA 160
Lab ID: 0504011-002A

Client Sample Info: Rosa 160
Client Sample ID: Former BGT Pit
Collection Date: 4/6/2005 12:29:00 PM
Matrix: SOIL

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL AND OIL RANGE ORGANICS		SW8015B		Analyst: JEM		
T/R Hydrocarbons: C10-C22	16	25.0	J	mg/Kg	1	4/18/2005
T/R Hydrocarbons: C22-C36	264	50.0		mg/Kg	1	4/18/2005
Surr: o-Terphenyl	94.8	23-171		%REC	1	4/18/2005
AROMATIC VOLATILES BY GC/PID		SW8021B		Analyst: JEM		
Methyl tert-Butyl Ether	ND	250		µg/Kg	25	4/14/2005
Benzene	ND	25		µg/Kg	25	4/14/2005
Toluene	ND	50		µg/Kg	25	4/14/2005
Ethylbenzene	ND	25		µg/Kg	25	4/14/2005
m,p-Xylene	ND	50		µg/Kg	25	4/14/2005
o-Xylene	ND	25		µg/Kg	25	4/14/2005
Surr: Fluorobenzene	88.1	69-110		%REC	25	4/14/2005
Surr: 1,4-Difluorobenzene	90.1	75-110		%REC	25	4/14/2005
Surr: 4-Bromochlorobenzene	110	40-135		%REC	25	4/14/2005

Qualifiers: ND - Not Detected at the Practical Quantitation Limit
J - Analyte detected below Practical Quantitation Limit
B - Analyte detected in the associated Method Blank
H - Parameter exceeded Maximum Allowable Holding Time
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted precision limits
E - Value above Upper Quantitation Limit - UQL

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MAINTAINING HARMONY BETWEEN MAN AND HIS ENVIRONMENT

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iiná bá

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Shiprock, NM 87420

Off: (505) 368-4065

ANALYTICAL REPORT

Date: 20-Apr-05

CLIENT: Williams - Exploration & Production
Work Order: 0504011
Project: ROSA 160
Lab ID: 0504011-001A

Client Sample Info: Rosa 160
Client Sample ID: LF
Collection Date: 4/6/2005 12:25:00 PM
Matrix: SOIL

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL AND OIL RANGE ORGANICS		SW8015B		Analyst: JEM		
T/R Hydrocarbons: C10-C22	ND	25.0		mg/Kg	1	4/18/2005
T/R Hydrocarbons: C22-C36	ND	50.0		mg/Kg	1	4/18/2005
Surr: o-Terphenyl	98.6	23-171		%REC	1	4/18/2005
AROMATIC VOLATILES BY GC/PID		SW8021B		Analyst: JEM		
Benzene	ND	25		µg/Kg	25	4/14/2005
Ethylbenzene	ND	25		µg/Kg	25	4/14/2005
m,p-Xylene	ND	50		µg/Kg	25	4/14/2005
Methyl tert-Butyl Ether	ND	250		µg/Kg	25	4/14/2005
o-Xylene	ND	25		µg/Kg	25	4/14/2005
Toluene	ND	50		µg/Kg	25	4/14/2005
Surr: 1,4-Difluorobenzene	91.0	75-110		%REC	25	4/14/2005
Surr: 4-Bromochlorobenzene	112	40-135		%REC	25	4/14/2005
Surr: Fluorobenzene	87.9	69-110		%REC	25	4/14/2005

Qualifiers: ND - Not Detected at the Practical Quantitation Limit
J - Analyte detected below Practical Quantitation Limit
B - Analyte detected in the associated Method Blank
H - Parameter exceeded Maximum Allowable Holding Time
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted precision limits
E - Value above Upper Quantitation Limit - UQL