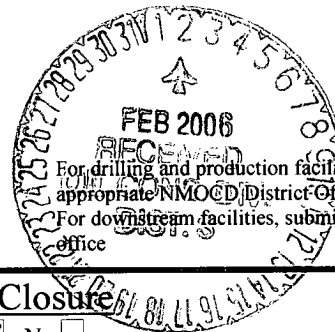


District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

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

Pit or Below-Grade Tank Registration or Closure

Is pit or below-grade tank covered by a "general plan"? Yes ☒ No ☐

WFS CLOSURE Type of action: Registration of a pit or below-grade tank ☐ Closure of a pit or below-grade tank ☒

Operator: <u>ENERGEN</u>		Telephone:	e-mail address:	
Address: _____				
Facility or well name: <u>55 32-5 #4</u>		API #: <u>30-039-82394</u>	U/L or Qtr/Qtr	SEC <u>23</u> T <u>32N</u> R <u>6W</u>
County: <u>Rio Arriba</u>		Latitude <u>36 57.647 N</u>	Longitude <u>107 25.779 W</u>	NAD: 1927 <input checked="" type="checkbox"/> 1983 <input type="checkbox"/>
Surface Owner: Federal <input type="checkbox"/> State <input type="checkbox"/> Private <input type="checkbox"/> Indian <input type="checkbox"/>				
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 checked="" type="checkbox"/> Liner Type: Synthetic <input type="checkbox"/> Thickness _____ mil Clay <input type="checkbox"/> Pit Volume <u>68</u> bbl		Below-grade tank Volume: _____ bbl Type of fluid: _____ Construction Material: _____ 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 50 feet or more, but less than 100 feet 100 feet or more		(20 points) (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 No		(20 points) (0 points)
Distance to surface water: (Horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)		Less than 200 feet 200 feet to 1,000 feet Greater than 1,000 feet		(20 points) (10 points) (0 points)
		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 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:

Meter: 72906

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: 2/1/06

Printed Name/Title Mark Harvey for Williams Field Services Signature Mr. Harvey, FOR WFS

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. IV

Printed Name/Title _____ Signature W. Henry Zett

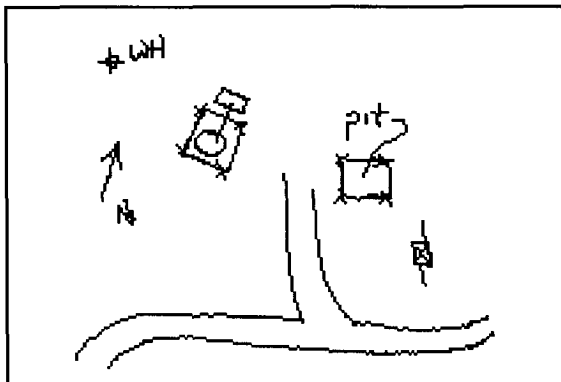
FEB 02 2006
Date: _____

ADDENDUM TO OCD FORM C-144

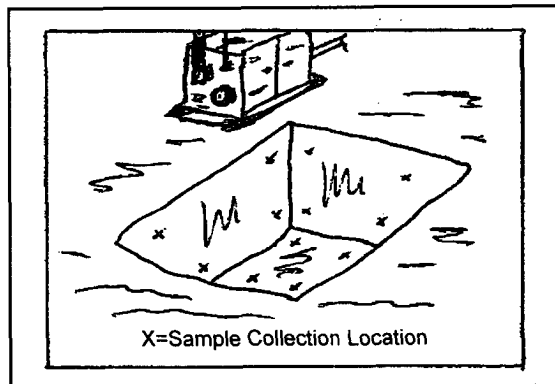
Operator:
Well Name:

API
Meter: 72906

Facility Diagram:



Sampling Diagram:



Pit Dimensions

Length 16 Ft.
Width 16 Ft.
Depth 1.5 Ft.

Location of Pit Center

Latitude 36 57.642 N
Longitude 07 25.765 W
(NAD 1927)

Pit ID

729061

Pit Type

Unknown

Date Closure Started: 12/9/05

Date Closure Completed: 12/9/05

Closure Method: Excavated, Blended, Treated Soil Returned

Bedrock Encountered ? ☒

Cubic Yards Excavated: 29

Vertical Extent of Equipment Reached ? ☒

Description Of Closure Action:

Contaminated soil was removed and treated then returned to the excavation following sampling of the walls and floor.

BEDROCK limited vertical excavation and/or prevented sampling. This condition limits deleterious environmental effects.

Vertical extent of excavation limited by equipment

Pit Closure Sampling:

Sample ID	Sample Date	Head Space	BTEX Total (mg/kg)	Benzene (mg/kg)	TPH DRO (mg/kg)	Purpose	Location	Depth
130509DEC05	12/9/05		0	0	0	EX Confirm	Flr	4.5
131009DEC05	12/9/05		0.185	0	0	EX Confirm	Walls	4
142802DEC05	12/2/05		0	0	0	ASSESS	Flr	2

ANALYTICAL RESULTS

Project: 602639

Project ID: NM Pits 4th Qtr 05

The solid samples are reported on a dry weight basis.

Lab ID: 602639001	Date Collected: 12/02/05 14:28	Matrix: Solid
Sample ID: 142802DEC05	Date Received: 12/07/05 08:50	

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	CAS No.	Qual	RegLmt
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GC Volatiles

8021 GCV Med BTEX 5035 prep

Preparation Method: EPA 5035

Analytical Method: EPA 8021

Benzene	ND	ug/kg	59.2	1	12/09/05 14:54	SHF	12/10/05 10:24	SHF	71-43-2		
Ethylbenzene	ND	ug/kg	59.2	1	12/09/05 14:54	SHF	12/10/05 10:24	SHF	100-41-4		
Toluene	ND	ug/kg	59.2	1	12/09/05 14:54	SHF	12/10/05 10:24	SHF	108-88-3		
Xylene (Total)	ND	ug/kg	178	1	12/09/05 14:54	SHF	12/10/05 10:24	SHF	1330-20-7		
a,a,a-Trifluorotoluene (S)	100	%	73-117	1	12/09/05 14:54	SHF	12/10/05 10:24	SHF	98-08-8		

Wet Chemistry

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture	16.4	%	0.10	1			12/08/05 00:00	JDM			
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GC Semivolatiles

OA2 GCS

Preparation Method: OA2

Analytical Method: OA2

Diesel Fuel	ND	mg/kg	11.7	1	12/08/05 00:00	BAG	12/10/05 15:47	CPR	68334-30-5		
Fuel Oil	ND	mg/kg	11.7	1	12/08/05 00:00	BAG	12/10/05 15:47	CPR	68553-00-4		
Jet Fuel	ND	mg/kg	11.7	1	12/08/05 00:00	BAG	12/10/05 15:47	CPR	94114-58-6		
Kerosene	ND	mg/kg	11.7	1	12/08/05 00:00	BAG	12/10/05 15:47	CPR	8008-20-6		
Mineral Spirits	ND	mg/kg	11.7	1	12/08/05 00:00	BAG	12/10/05 15:47	CPR	8030-30-6		
Motor Oil	ND	mg/kg	11.7	1	12/08/05 00:00	BAG	12/10/05 15:47	CPR	64742-65-0		
Total Petroleum	ND	mg/kg	11.7	1	12/08/05 00:00	BAG	12/10/05 15:47	CPR			
Hydrocarbons											
n-Tetracosane (S)	105	%	69-140	1	12/08/05 00:00	BAG	12/10/05 15:47	CPR	646-31-1		
p-Terphenyl (S)	101	%	76-140	1	12/08/05 00:00	BAG	12/10/05 15:47	CPR	92-94-4		

Date: 12/15/2005

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ANALYTICAL RESULTS

Project: 603513

Project ID: NM PITS4TH QTR 05

The solid samples are reported on a dry weight basis.

Lab ID: 603513001	Date Collected: 12/09/05 13:10	Matrix: Solid
Sample ID: 131009DEC05	Date Received: 12/30/05 08:30	

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	CAS No.	Qual	RegLmt
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GC Volatiles

8021 GCV Med BTEX 5035 prep

Preparation Method: EPA 5035

Analytical Method: EPA 8021

Benzene	ND ug/kg	57.1	1	01/04/06 15:56 SHF	01/04/06 16:51 SHF	71-43-2
Ethylbenzene	ND ug/kg	57.1	1	01/04/06 15:56 SHF	01/04/06 16:51 SHF	100-41-4
Toluene	ND ug/kg	57.1	1	01/04/06 15:56 SHF	01/04/06 16:51 SHF	108-88-3
Xylene (Total)	185 ug/kg	171	1	01/04/06 15:56 SHF	01/04/06 16:51 SHF	1330-20-7
a,a,a-Trifluorotoluene (S)	98 %	73-117	1	01/04/06 15:56 SHF	01/04/06 16:51 SHF	98-08-8

Wet Chemistry

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture

12.5 %

0.10

1

01/03/06 00:00 AJA

GC Semivolatiles

OA2 GCS

Preparation Method: OA2

Analytical Method: OA2

Diesel Fuel	ND mg/kg	11.2	1	01/05/06 00:00 JDM	01/07/06 12:42 CPR	68334-30-5
Fuel Oil	ND mg/kg	11.2	1	01/05/06 00:00 JDM	01/07/06 12:42 CPR	68553-00-4
Jet Fuel	ND mg/kg	11.2	1	01/05/06 00:00 JDM	01/07/06 12:42 CPR	94114-58-6
Kerosene	ND mg/kg	11.2	1	01/05/06 00:00 JDM	01/07/06 12:42 CPR	8008-20-6
Mineral Spirits	ND mg/kg	11.2	1	01/05/06 00:00 JDM	01/07/06 12:42 CPR	8030-30-6
Motor Oil	ND mg/kg	11.2	1	01/05/06 00:00 JDM	01/07/06 12:42 CPR	64742-65-0
Total Petroleum Hydrocarbons	ND mg/kg	11.2	1	01/05/06 00:00 JDM	01/07/06 12:42 CPR	
n-Tetracosane (S)	102 %	69-140	1	01/05/06 00:00 JDM	01/07/06 12:42 CPR	646-31-1
p-Terphenyl (S)	90 %	76-140	1	01/05/06 00:00 JDM	01/07/06 12:42 CPR	92-94-4

All samples were received outside of EPA recommended holding time and temperature specification.

Date: 01/09/2006

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ANALYTICAL RESULTS

Project: 603513

Project ID: NM PITS4TH QTR 05

The solid samples are reported on a dry weight basis.

Lab ID: 603513002	Date Collected: 12/09/05 13:05	Matrix: Solid
Sample ID: 130509DEC05	Date Received: 12/30/05 08:30	

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	CAS No.	Qual	RegLmt
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GC Volatiles

8021 GCV Med BTEX 5035 prep

Preparation Method: EPA 5035

Analytical Method: EPA 8021

Benzene	ND ug/kg	55.1	1	01/04/06 15:56 SHF	01/04/06 17:18 SHF	71-43-2
Ethylbenzene	ND ug/kg	55.1	1	01/04/06 15:56 SHF	01/04/06 17:18 SHF	100-41-4
Toluene	ND ug/kg	55.1	1	01/04/06 15:56 SHF	01/04/06 17:18 SHF	108-88-3
Xylene (Total)	ND ug/kg	165	1	01/04/06 15:56 SHF	01/04/06 17:18 SHF	1330-20-7
p,p'-Trifluorotoluene (S)	100 %	73-117	1	01/04/06 15:56 SHF	01/04/06 17:18 SHF	98-08-8

Wet Chemistry

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture	9.3 %	0.10	1	01/03/06 00:00 AJA
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GC Semivolatiles

DA2 GC5

Preparation Method: OA2

Analytical Method: OA2

Diesel Fuel	ND mg/kg	11.0	1	01/05/06 00:00 JDM	01/07/06 13:04 CPR	68334-30-5
Fuel Oil	ND mg/kg	11.0	1	01/05/06 00:00 JDM	01/07/06 13:04 CPR	68553-00-4
Jet Fuel	ND mg/kg	11.0	1	01/05/06 00:00 JDM	01/07/06 13:04 CPR	94114-58-6
Kerosene	ND mg/kg	11.0	1	01/05/06 00:00 JDM	01/07/06 13:04 CPR	8008-20-6
Mineral Spirits	ND mg/kg	11.0	1	01/05/06 00:00 JDM	01/07/06 13:04 CPR	8030-30-6
Motor Oil	ND mg/kg	11.0	1	01/05/06 00:00 JDM	01/07/06 13:04 CPR	64742-65-0
Total Petroleum Hydrocarbons	ND mg/kg	11.0	1	01/05/06 00:00 JDM	01/07/06 13:04 CPR	
n-Tetradecane (S)	101 %	69-140	1	01/05/06 00:00 JDM	01/07/06 13:04 CPR	646-31-1
p-Terphenyl (S)	89 %	76-140	1	01/05/06 00:00 JDM	01/07/06 13:04 CPR	92-94-4

2 - samples were received outside of EPA recommended holding time and temperature specification.

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