

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 ☐

WFS CLOSURE

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

Operator: **DEVON ENERGY** Telephone: e-mail address:
Address: _____
Facility or well name: **NEBU #217** API #: U/L or Qtr/Qtr SEC **27** T **31N** R **7W**
County: **San Juan** Latitude **36 52.390 N** Longitude **107 33.300 W** NAD: 1927 ☒ 1983 ☐
Surface Owner: Federal ☐ State ☐ Private ☐ Indian ☐

Pit

Type: Drilling ☐ Production ☒ Disposal ☐

Workover ☐ Emergency ☐

Lined ☐ Unlined ☒

Liner Type: Synthetic ☐ Thickness mil Clay ☐

Pit Volume 80 bbl

Below-grade tank

Volume: bbl Type of fluid:

Construction Material:

Double-walled, with leak detection? Yes ☐ 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)

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
No

(20 points)
(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
200 feet to 1,000 feet
Greater than 1,000 feet

(20 points)
(10 points)
(0 points)

0

Ranking Score (TOTAL POINTS):

0

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: **85783**



Bedrock

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: _____

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:

Printed Name/Title **DEPUTY OIL & GAS INSPECTOR, DIST 01**

Signature *Wendy Faint*

FEB 02 2006

ADDENDUM TO OCD FORM C-144

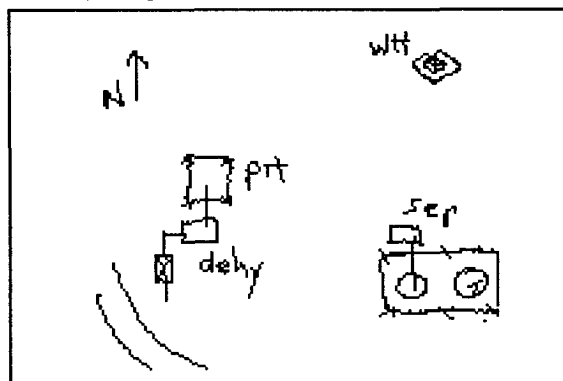
Operator:

API

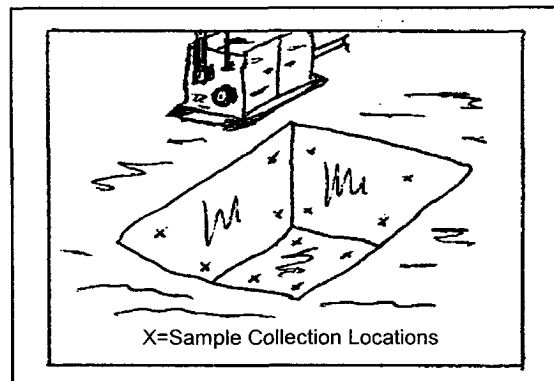
Well Name:

Meter: 85783

Facility Diagram:



Sampling Diagram:



Pit Dimensions

Length 15 Ft.

Width 15 Ft.

Depth 2 Ft.

Location of Pit Center

Latitude 36 52.375 N

Longitude 07 33.311 W

(NAD 1927)

Pit ID

857831

Pit Type

Glycol Dehydrator

Date Closure Started: 10/26/05

Date Closure Completed: 10/26/05

Closure Method: Excavated, Blended, Treated Soil Returned

Bedrock Encountered ? ☒

Cubic Yards Excavated: 67

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.

Pit Closure Sampling:

Sample ID	Sample Date	Head Space	BTEX Total (mg/kg)	Benzene (mg/kg)	TPH DRO (mg/kg)	Purpose	Location	Depth
110104OCT05	10/4/05		470.27	7.27	1800	ASSESS	Flr	3.5
171626OCT05	10/26/05		449	0	441	EX Confirm	Flr	8
172026OCT05	10/26/05		4.4	0	705	EX Confirm	Walls	4

ANALYTICAL RESULTS

Project: 60469

Project ID: NM PITS-4TH QTR 05

The solid samples are reported on a dry weight basis.

Lab ID: 60469006	Date Collected: 10/04/05 11:01	Matrix: Solid
Sample ID: 110104OCT05	Date Received: 10/06/05 09:10	

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	7270 ug/kg	2270	5	10/11/05 12:08	SHF	10/11/05 19:06	SHF	71-43-2
Ethylbenzene	21000 ug/kg	2270	5	10/11/05 12:08	SHF	10/11/05 19:06	SHF	100-41-4
Toluene	159000 ug/kg	2270	5	10/11/05 12:08	SHF	10/11/05 19:06	SHF	108-88-3
Xylene (Total)	283000 ug/kg	6820	5	10/11/05 12:08	SHF	10/11/05 19:06	SHF	1330-20-7
a,a,a-Trifluorotoluene (S)	109 %	73-117	5	10/11/05 12:08	SHF	10/11/05 19:06	SHF	98-08-8

Wet Chemistry

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture	16.0 %	0.10	1	10/07/05 00:00	AJA
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GC Semivolatiles

OA2 GCS

Preparation Method: OA2

Analytical Method: OA2

Diesel Fuel	ND mg/kg	9.8	1	10/10/05 00:00	JDM	10/12/05 08:36	CPR	68334-30-5
Fuel Oil	ND mg/kg	9.8	1	10/10/05 00:00	JDM	10/12/05 08:36	CPR	68553-00-4
Jet Fuel	ND mg/kg	9.8	1	10/10/05 00:00	JDM	10/12/05 08:36	CPR	94114-58-6
Kerosene	ND mg/kg	9.8	1	10/10/05 00:00	JDM	10/12/05 08:36	CPR	8008-20-6
Mineral Spirits	ND mg/kg	9.8	1	10/10/05 00:00	JDM	10/12/05 08:36	CPR	8030-30-6
Motor Oil	ND mg/kg	9.8	1	10/10/05 00:00	JDM	10/12/05 08:36	CPR	64742-65-0
Total Petroleum Hydrocarbons	1800 mg/kg	9.8	1	10/10/05 00:00	JDM	10/12/05 08:36	CPR	2
n-Tetracosane (S)	499 %	69-140	1	10/10/05 00:00	JDM	10/12/05 08:36	CPR	646-31-1 1
p-Terphenyl (S)	137 %	76-140	1	10/10/05 00:00	JDM	10/12/05 08:36	CPR	92-94-4

Date: 10/24/2005

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ANALYTICAL RESULTS

Project: 601693

Project ID: N.M. Pit Program

The solid samples are reported on a dry weight basis.

Lab ID: 601693003	Date Collected: 10/26/05 17:16	Matrix: Solid
Sample ID: 171626OCT05	Date Received: 11/08/05 08:35	

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	276	1	11/09/05 11:26	SHF	11/09/05 12:28	SHF	71-43-2		
Ethylbenzene	2570	ug/kg	276	1	11/09/05 11:26	SHF	11/09/05 12:28	SHF	100-41-4		
Toluene	6300	ug/kg	276	1	11/09/05 11:26	SHF	11/09/05 12:28	SHF	108-88-3		
Xylene (Total)	36100	ug/kg	828	1	11/09/05 11:26	SHF	11/09/05 12:28	SHF	1330-20-7		
a,a,a-Trifluorotoluene (S)	89	%	73-117	1	11/09/05 11:26	SHF	11/09/05 12:28	SHF	98-08-8		

Wet Chemistry

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture	9.4	%	0.10	1			11/11/05 00:00	AJA			
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GC Semivolatiles

OA2 GCS

Preparation Method: OA2

Analytical Method: OA2

Diesel Fuel	ND	mg/kg	11.0	1	11/09/05 00:00	JDM	11/13/05 07:05	CPR	68334-30-5		
Fuel Oil	ND	mg/kg	11.0	1	11/09/05 00:00	JDM	11/13/05 07:05	CPR	68553-00-4		
Jet Fuel	ND	mg/kg	11.0	1	11/09/05 00:00	JDM	11/13/05 07:05	CPR	94114-58-6		
Kerosene	ND	mg/kg	11.0	1	11/09/05 00:00	JDM	11/13/05 07:05	CPR	8008-20-6		
Mineral Spirits	ND	mg/kg	11.0	1	11/09/05 00:00	JDM	11/13/05 07:05	CPR	8030-30-6		
Motor Oil	ND	mg/kg	11.0	1	11/09/05 00:00	JDM	11/13/05 07:05	CPR	64742-65-0		
Total Petroleum Hydrocarbons	441	mg/kg	11.0	1	11/09/05 00:00	JDM	11/13/05 07:05	CPR			3
n-Tetracosane (S)	132	%	69-140	1	11/09/05 00:00	JDM	11/13/05 07:05	CPR	646-31-1		
p-Terphenyl (S)	101	%	76-140	1	11/09/05 00:00	JDM	11/13/05 07:05	CPR	92-94-4		

Date: 11/22/2005

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ANALYTICAL RESULTS

Project: 601693

Project ID: N.M. Pit Program

The solid samples are reported on a dry weight basis.

Lab ID: 601693004	Date Collected: 10/26/05 17:20	Matrix: Solid
Sample ID: 172026OCT05	Date Received: 11/08/05 08:35	

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	61.9	1	11/09/05 11:26	SHF	11/09/05 12:54	SHF	71-43-2		
Ethylbenzene	69.2	ug/kg	61.9	1	11/09/05 11:26	SHF	11/09/05 12:54	SHF	100-41-4		
Toluene	756	ug/kg	61.9	1	11/09/05 11:26	SHF	11/09/05 12:54	SHF	108-88-3		
Xylene (Total)	3120	ug/kg	186	1	11/09/05 11:26	SHF	11/09/05 12:54	SHF	1330-20-7		
a,a,a-Trifluorotoluene (S)	99	%	73-117	1	11/09/05 11:26	SHF	11/09/05 12:54	SHF	98-08-8		

Wet Chemistry

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture	20.1	%	0.10	1			11/11/05 00:00	AJA			
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GC Semivolatiles

OA2 GCS

Preparation Method: OA2

Analytical Method: OA2

Diesel Fuel	ND	mg/kg	12.3	1	11/09/05 00:00	JDM	11/13/05 07:26	CPR	68334-30-5		
Fuel Oil	ND	mg/kg	12.3	1	11/09/05 00:00	JDM	11/13/05 07:26	CPR	68553-00-4		
Jet Fuel	ND	mg/kg	12.3	1	11/09/05 00:00	JDM	11/13/05 07:26	CPR	94114-58-6		
Kerosene	ND	mg/kg	12.3	1	11/09/05 00:00	JDM	11/13/05 07:26	CPR	8008-20-6		
Mineral Spirits	ND	mg/kg	12.3	1	11/09/05 00:00	JDM	11/13/05 07:26	CPR	8030-30-6		
Motor Oil	ND	mg/kg	12.3	1	11/09/05 00:00	JDM	11/13/05 07:26	CPR	64742-65-0		
Total Petroleum Hydrocarbons	705	mg/kg	12.3	1	11/09/05 00:00	JDM	11/13/05 07:26	CPR			3
n-Tetracosane (S)	144	%	69-140	1	11/09/05 00:00	JDM	11/13/05 07:26	CPR	646-31-1		2
p-Terphenyl (S)	90	%	76-140	1	11/09/05 00:00	JDM	11/13/05 07:26	CPR	92-94-4		

Date: 11/22/2005

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