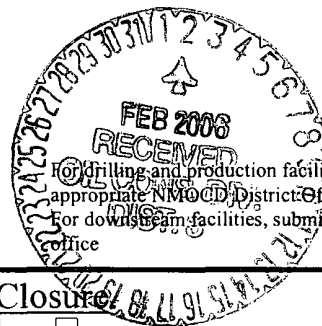


District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

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: **ENERGEN** Telephone: \_\_\_\_\_ e-mail address: \_\_\_\_\_  
Address: \_\_\_\_\_  
Facility or well name: **ST 32-5 #140K** API #: **30-039-07990** U/L or Qtr/Qtr SEC **26** T **32N** R **6W**  
County: **Rio Arriba** Latitude **36 57.204 N** Longitude **107 25.212 W** NAD: 1927 ☒ 1983 ☐  
Surface Owner: Federal ☐ State ☐ Private ☐ Indian ☐

<b>Pit</b> 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 100 bbl		<b>Below-grade tank</b> 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 (20 points) 50 feet or more, but less than 100 feet (10 points) 100 feet or more (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 feet to 1,000 feet (10 points) Greater than 1,000 feet (0 points)	
<b>Ranking Score (TOTAL POINTS):</b>		

**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: **72773**

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 *Mark 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** Signature *Wendy Zapp* **FEB 02 2006**  
Printed Name/Title \_\_\_\_\_ Date: \_\_\_\_\_

## ADDENDUM TO OCD FORM C-144

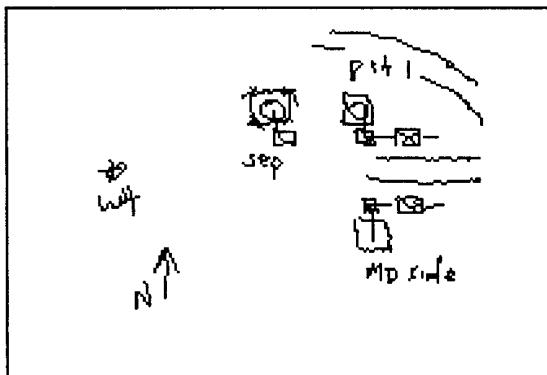
Operator:

API

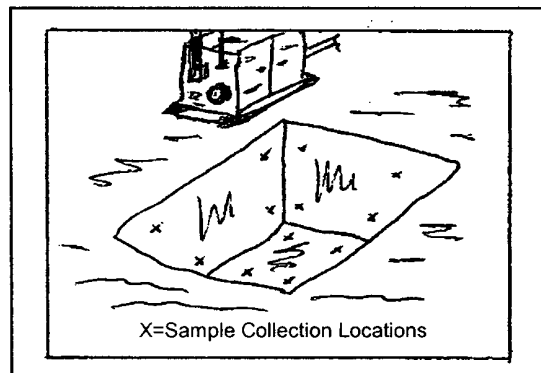
Well Name:

Meter: 72773

**Facility Diagram:**



**Sampling Diagram:**



**Pit Dimensions**

Length 15 Ft.

Width 15 Ft.

Depth 2.5 Ft.

**Location of Pit Center**

Latitude 36 57.224 N

Longitude 07 25.216 W

(NAD 1927)

**Pit ID**

727731

**Pit Type**

Calcium Salt Tower

**Date Closure Started:** 12/9/05

**Date Closure Completed:** 12/9/05

**Closure Method:** Pushed In

**Bedrock Encountered ?** ☐

**Cubic Yards Excavated:**

**Vertical Extent of Equipment Reached ?** ☐

**Description Of Closure Action:**

The pit was assessed and sampled in accordance with NMOCD guidelines. Based on assessment findings, the pit was backfilled.

**Pit Closure Sampling:**

Sample ID	Sample Date	Head Space	BTEX Total (mg/kg)	Benzene (mg/kg)	TPH DRO (mg/kg)	Purpose	Location	Depth
154302DEC05	12/2/05		0	0	0	ASSESS	Flr	2

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 602639

Project ID: NM Pits 4th Qtr 05

The solid samples are reported on a dry weight basis.

<b>Lab ID:</b> 602639004	<b>Date Collected:</b> 12/02/05 15:43	<b>Matrix:</b> Solid
<b>Sample ID:</b> 154302DEC05	<b>Date Received:</b> 12/07/05 08:50	

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

### GC Volatiles

8021 GCV Med BTEX 5035 prep

Preparation Method: EPA 5035

Analytical Method: EPA 8021

Benzene	ND ug/kg	58.5	1	12/09/05 14:54	SHF	12/10/05 11:44	SHF	71-43-2
Ethylbenzene	ND ug/kg	58.5	1	12/09/05 14:54	SHF	12/10/05 11:44	SHF	100-41-4
Toluene	ND ug/kg	58.5	1	12/09/05 14:54	SHF	12/10/05 11:44	SHF	108-88-3
Xylene (Total)	ND ug/kg	175	1	12/09/05 14:54	SHF	12/10/05 11:44	SHF	1330-20-7
a,a,a-Trifluorotoluene (S)	101 %	73-117	1	12/09/05 14:54	SHF	12/10/05 11:44	SHF	98-08-8

### Wet Chemistry

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture	16.3 %	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 16:52	CPR	68334-30-5
Fuel Oil	ND mg/kg	11.7	1	12/08/05 00:00	BAG	12/10/05 16:52	CPR	68553-00-4
Jet Fuel	ND mg/kg	11.7	1	12/08/05 00:00	BAG	12/10/05 16:52	CPR	94114-58-6
Kerosene	ND mg/kg	11.7	1	12/08/05 00:00	BAG	12/10/05 16:52	CPR	8008-20-6
Mineral Spirits	ND mg/kg	11.7	1	12/08/05 00:00	BAG	12/10/05 16:52	CPR	8030-30-6
Motor Oil	ND mg/kg	11.7	1	12/08/05 00:00	BAG	12/10/05 16:52	CPR	64742-65-0
Total Petroleum Hydrocarbons	ND mg/kg	11.7	1	12/08/05 00:00	BAG	12/10/05 16:52	CPR	
n-Tetracosane (S)	103 %	69-140	1	12/08/05 00:00	BAG	12/10/05 16:52	CPR	646-31-1
p-Terphenyl (S)	98 %	76-140	1	12/08/05 00:00	BAG	12/10/05 16:52	CPR	92-94-4

Date: 12/15/2005

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