

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: DUGAN PRODUCTION CORP Telephone: \_\_\_\_\_ e-mail address: \_\_\_\_\_  
Address: PO BOX 420 FARMINGTON, NM 87499  
Facility or well name: SHERMAN EDWARD #002 API #: 30-039-21246 U/L or Qtr/Qtr M SEC 3 T 29N R 5W  
County: RIO ARriba Latitude 36.74929 Longitude -107.35178 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 \_\_\_\_\_ 51 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

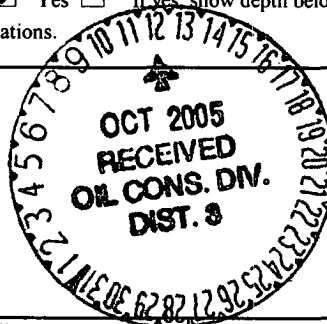
**Ranking Score (TOTAL POINTS):**

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: 86947



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: 9/28/05

Printed Name/Title Mark Harvey for Williams Field Services Signature Mark Harvey

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. 3

Signature Jerry Root

OCT 12 2005  
Date:

# ADDENDUM TO OCD FORM C-144

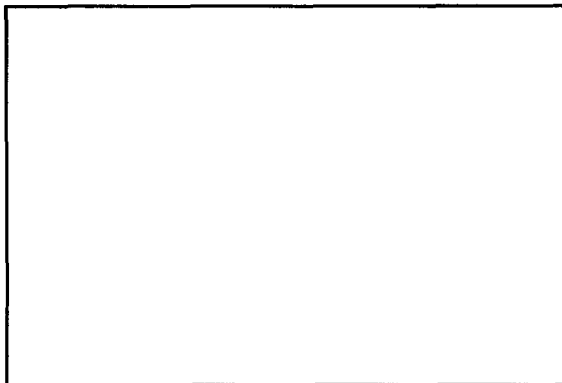
Operator: DUGAN PRODUCTION CORP

API 30-039-21246

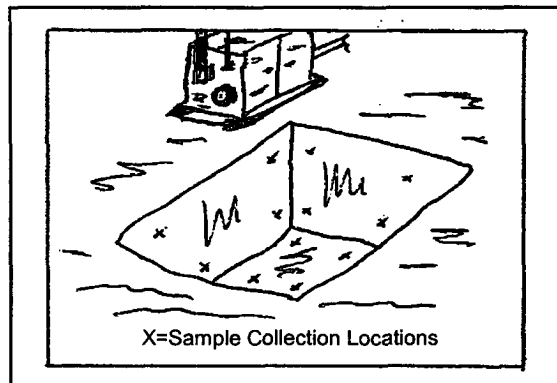
Well Name: SHERMAN EDWARD #002

Meter: 86947

## Facility Diagram:



## Sampling Diagram:



### Pit Dimensions

Length 12 Ft.

Width 12 Ft.

Depth 2 Ft.

### Location of Pit Center

Latitude 36.74934

Longitude -107.35167

(NAD 1927)

### Pit ID

869471

### Pit Type

Unknown

Date Closure Started: 7/21/04

Date Closure Completed: 7/21/04

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
190214JUL04	7/14/04		0	0	0	ASSESS	Flr	2

Lab Project Number: 6084738  
Client Project ID: NM PITS

Lab Sample No: 607299559      Project Sample Number: 6084738-033      Date Collected: 07/14/04 07:02  
Client Sample ID: 190214JUL04      Matrix: Soil      Date Received: 07/16/04 12:10

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
<b>GC Semivolatiles</b>									
Total Extractable Hydrocarbons	Prep/Method: OA2 / OA2								
Mineral Spirits	ND	mg/kg	11.		1.1 07/22/04 13:07	RMN1			
Jet Fuel	ND	mg/kg	11.		1.1 07/22/04 13:07	RMN1			
Kerosene	ND	mg/kg	11.		1.1 07/22/04 13:07	RMN1			
Diesel Fuel	ND	mg/kg	11.		1.1 07/22/04 13:07	RMN1	68334-30-5		
Fuel Oil	ND	mg/kg	11.		1.1 07/22/04 13:07	RMN1	68334-30-5		
Motor Oil	ND	mg/kg	11.		1.1 07/22/04 13:07	RMN1			
n-Tetracosane (S)	104	%			1.0 07/22/04 13:07	RMN1	646-31-1		
p-Terphenyl (S)	114	%			1.0 07/22/04 13:07	RMN1	92-94-4		
Date Extracted	07/20/04				07/20/04				

#### Organics Prep

Percent Moisture      Method: SM 2540G  
Percent Moisture      9.0      %      1.0 07/20/04      DPB

#### GC Volatiles

TPH Gas/BTEX	Prep/Method: TPH GRO/BTEX / EPA 8021/OA1								
Benzene	ND	ug/kg	55.		1.1 07/21/04 14:23		71-43-2		
Toluene	ND	ug/kg	55.		1.1 07/21/04 14:23		108-88-3		
Ethylbenzene	ND	ug/kg	55.		1.1 07/21/04 14:23		100-41-4		
Xylene (Total)	ND	ug/kg	140		1.1 07/21/04 14:23		1330-20-7		
a,a,a-Trifluorotoluene (S)	100	%			1.0 07/21/04 14:23		98-08-8		
4-Bromofluorobenzene (S)	96	%			1.0 07/21/04 14:23		460-00-4		

## REPORT OF LABORATORY ANALYSIS

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