

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 ☐

(WFS CLOSURE)

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

Operator: RC RESOURCES CORP Telephone: \_\_\_\_\_ e-mail address: \_\_\_\_\_  
Address: 8340 MEADOW RD DALLAS, TX 75231  
Facility or well name: HODGES #015E API #: 30-045-24473 U/L or Qtr/Qtr J SEC 27 T 26N R 8W  
County: SAN JUAN Latitude 36.45565 Longitude -107.66676 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):**

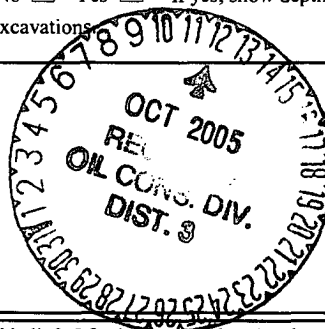
0

**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 your 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:

Bedrock

Meter: 35355



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: 9/18/05

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. 3

Signature Denny Zuhl

OCT 12 2005  
Date:

# **ADDENDUM TO OCD FORM C-144**

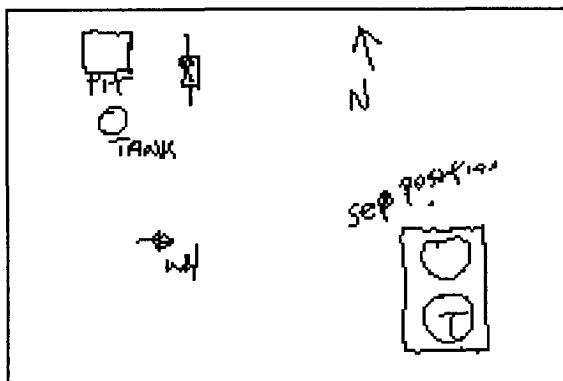
**Operator:** RC RESOURCES CORP

**API** 30-045-24473

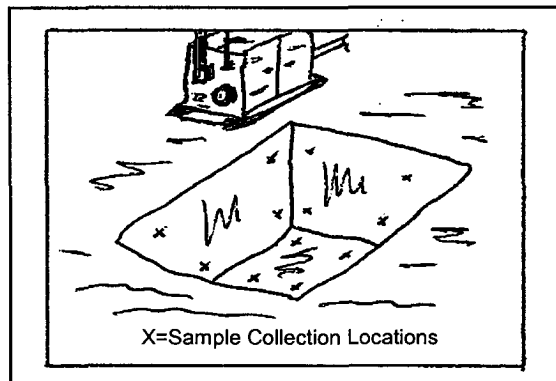
**Well Name:** HODGES #015E

**Meter:** 35355

**Facility Diagram:**



**Sampling Diagram:**



**Pit Dimensions**

Length 15 Ft.  
Width 15 Ft.  
Depth 2 Ft.

**Location of Pit Center**

Latitude 36.45595  
Longitude -107.66659  
(NAD 1927)

**Pit ID**

353551

**Pit Type**

Unknown

**Date Closure Started:** 9/1/04

**Date Closure Completed:** 9/1/04

**Closure Method:** Excavated, Blended, Treated Soil Returned

**Bedrock Encountered ?** ☒

**Cubic Yards Excavated:** 27

**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	
152201SEP04	9/1/04		74.5	7.4	5700	EX Confirm	Walls	4	See Risk Analysis
153001SEP04	9/1/04		230	11	780	EX Confirm	Flr	5	See Risk Analysis
175610AUG04	8/10/04		523.4	6.4	1500	ASSESS	Flr	2.5	

Lab Project Number: 6085700  
Client Project ID: N.M. Pits

Lab Sample No: 607379708  
Client Sample ID: 175610AUG04

Project Sample Number: 6085700-019  
Matrix: Soil

Date Collected: 08/10/04 17:56  
Date Received: 08/12/04 08:50

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
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#### GC Semivolatiles

Total Extractable Hydrocarbons Prep/Method: OA2 / OA2

Mineral Spirits	ND	mg/kg	12.	1.2	08/18/04 09:50	RMN1			
Jet Fuel	ND	mg/kg	12.	1.2	08/18/04 09:50	RMN1			
Kerosene	ND	mg/kg	12.	1.2	08/18/04 09:50	RMN1			
Diesel Fuel	ND	mg/kg	12.	1.2	08/18/04 09:50	RMN1	68334-30-5		
Fuel Oil	ND	mg/kg	12.	1.2	08/18/04 09:50	RMN1	68334-30-5		
Motor Oil	ND	mg/kg	12.	1.2	08/18/04 09:50	RMN1			
Total Petroleum Hydrocarbons	1500	mg/kg	12.	1.2	08/18/04 09:50	RMN1		9	
n-Tetracosane (S)	99	%		1.0	08/18/04 09:50	RMN1	646-31-1		
p-Terphenyl (S)	79	%		1.0	08/18/04 09:50	RMN1	92-94-4		
Date Extracted	08/16/04				08/16/04				

#### Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	17.4	%		1.0	08/16/04	DPB			

#### GC Volatiles

Aromatic Volatile Organics Prep/Method: EPA 5030 Medium Soil / EPA 8021

Benzene	6400	ug/kg	120	2.4	08/17/04 19:48	ARF	71-43-2		
Ethylbenzene	17000	ug/kg	120	2.4	08/17/04 19:48	ARF	100-41-4		
Toluene	180000	ug/kg	1200	24.2	08/18/04 11:37	ARF	108-88-3		
Xylene (Total)	320000	ug/kg	3100	24.2	08/18/04 11:37	ARF	1330-20-7		
a,a,a-Trifluorotoluene (S)	507	%		1.0	08/17/04 19:48	ARF	98-08-8	5	

## REPORT OF LABORATORY ANALYSIS

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Lab Project Number: 6086460  
Client Project ID: NM Pits

Lab Sample No: 607447661  
Client Sample ID: 153001SEP04

Project Sample Number: 6086460-023  
Matrix: Soil

Date Collected: 09/01/04 03:30  
Date Received: 09/03/04 09:10

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
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### GC Semivolatiles

Total Extractable Hydrocarbons Prep/Method: OA2 / OA2

Mineral Spirits	ND	mg/kg	11.	1.1	09/13/04 11:45	RMN1			
Jet Fuel	ND	mg/kg	11.	1.1	09/13/04 11:45	RMN1			
Kerosene	ND	mg/kg	11.	1.1	09/13/04 11:45	RMN1			
Diesel Fuel	ND	mg/kg	11.	1.1	09/13/04 11:45	RMN1	68334-30-5		
Fuel Oil	ND	mg/kg	11.	1.1	09/13/04 11:45	RMN1	68334-30-5		
Motor Oil	ND	mg/kg	11.	1.1	09/13/04 11:45	RMN1			
Total Petroleum Hydrocarbons	780	mg/kg	11.	1.1	09/13/04 11:45	RMN1		11	
n-Tetracosane (S)	99	%		1.0	09/13/04 11:45	RMN1	646-31-1		
p-Terphenyl (S)	93	%		1.0	09/13/04 11:45	RMN1	92-94-4		
Date Extracted	09/08/04				09/08/04				

### Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	7.5	%		1.0	09/08/04	JLC1			

### GC Volatiles

Aromatic Volatile Organics Prep/Method: EPA 5030 Medium Soil / EPA 8021

Benzene	11000	ug/kg	5400	108	09/08/04 10:50		71-43-2		
Ethylbenzene	ND	ug/kg	5400	108	09/08/04 10:50		100-41-4		
Toluene	59000	ug/kg	5400	108	09/08/04 10:50		108-88-3		
Xylene (Total)	160000	ug/kg	14000	108	09/08/04 10:50		1330-20-7		
a,a,a-Trifluorotoluene (S)	92	%		1.0	09/08/04 10:50		98-08-8		

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Lab Project Number: 6086460  
Client Project ID: NM Pits

Lab Sample No: 607447679      Project Sample Number: 6086460-024      Date Collected: 09/01/04 03:22  
Client Sample ID: 152201SEP04      Matrix: Soil      Date Received: 09/03/04 09:10

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
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### GC Semivolatiles

Total Extractable Hydrocarbons	Prep/Method: OA2 / OA2								
Mineral Spirits	ND	mg/kg	21.		2.1 09/13/04 12:03	RMN1			
Jet Fuel	ND	mg/kg	21.		2.1 09/13/04 12:03	RMN1			
Kerosene	ND	mg/kg	21.		2.1 09/13/04 12:03	RMN1			
Diesel Fuel	ND	mg/kg	21.		2.1 09/13/04 12:03	RMN1	68334-30-5		
Fuel Oil	ND	mg/kg	21.		2.1 09/13/04 12:03	RMN1	68334-30-5		
Motor Oil	5700	mg/kg	21.		2.1 09/13/04 12:03	RMN1			
n-Tetracosane (S)	83	%			1.0 09/13/04 12:03	RMN1	646-31-1		
p-Terphenyl (S)	78	%			1.0 09/13/04 12:03	RMN1	92-94-4		
Date Extracted	09/08/04				09/08/04				

### Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	5.6	%			1.0 09/08/04	JLC1			

### GC Volatiles

Aromatic Volatile Organics	Prep/Method: EPA 5030 Medium Soil / EPA 8021								
Benzene	7400	ug/kg	840		16.8 09/08/04 20:03		71-43-2		
Ethylbenzene	2100	ug/kg	840		16.8 09/08/04 20:03		100-41-4		
Toluene	33000	ug/kg	840		16.8 09/08/04 20:03		108-88-3		
Xylene (Total)	32000	ug/kg	2200		16.8 09/08/04 20:03		1330-20-7		
a,a,a-Trifluorotoluene (S)	100	%			1.0 09/08/04 20:03		98-08-8		

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