

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: RC RESOURCES CORP

Telephone:

e-mail address:

Address: 8340 MEADOW RD DALLAS, TX 75231

Facility or well name: HODGES #019

API #: 30-045-24565

U/L or Qtr/Qtr B SEC 28 T 26N R 8W

County: SAN JUAN

Latitude 36.46262

Longitude -107.68354

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 77 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

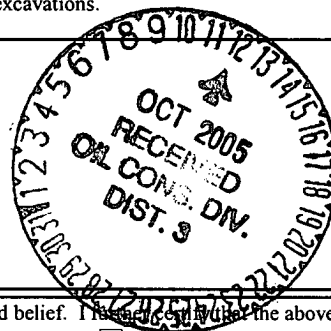
**Ranking Score (TOTAL POINTS):**

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: 35766



I hereby certify that the information above is true and complete to the best of my knowledge and belief. I understand 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 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. 3

Printed Name/Title \_\_\_\_\_ Signature Denny

OCT 12 2005

Date: \_\_\_\_\_

# ADDENDUM TO OCD FORM C-144

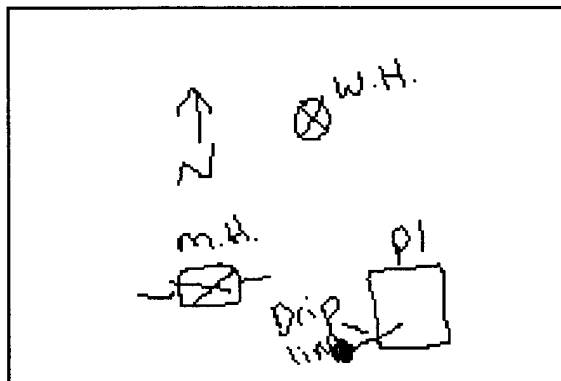
Operator: RC RESOURCES CORP

API 30-045-24565

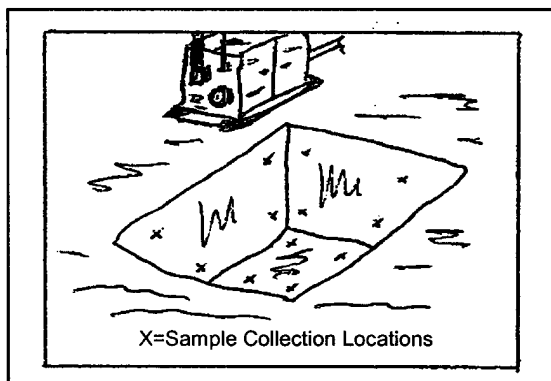
Well Name: HODGES #019

Meter: 35766

Facility Diagram:



Sampling Diagram:



Pit Dimensions

Length 12 Ft.

Width 12 Ft.

Depth 3 Ft.

Location of Pit Center

Latitude 36.46241

Longitude -107.68337

(NAD 1927)

Pit ID

357661

Pit Type

Other

Date Closure Started: 9/3/04

Date Closure Completed: 9/3/04

Closure Method: Excavated, Blended, Treated Soil Returned

Bedrock Encountered ? ☒

Cubic Yards Excavated: 50

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	
104903SEP04	9/3/04	67	0.33	0	0	EX Confirm	Walls	7	
105503SEP04	9/3/04	218	0	0	0	EX Confirm	Fir	8	See Risk Analysis
105608MAR04	3/8/04		136	0	900	ASSESS	Fir	3	

Lab Project Number: 6080365

Client Project ID: N.M. Pit Program/Spring 2004

Lab Sample No: 606913911  
Client Sample ID: 105608MAR04

Project Sample Number: 6080365-015  
Matrix: Soil

Date Collected: 03/08/04 10:56  
Date Received: 03/16/04 09:15

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	03/22/04 15:48	RMN1			
Jet Fuel	ND	mg/kg	12.	1.2	03/22/04 15:48	RMN1			
Kerosene	ND	mg/kg	12.	1.2	03/22/04 15:48	RMN1			
Diesel Fuel	ND	mg/kg	12.	1.2	03/22/04 15:48	RMN1	68334-30-5		
Fuel Oil	ND	mg/kg	12.	1.2	03/22/04 15:48	RMN1	68334-30-5		
Motor Oil	ND	mg/kg	12.	1.2	03/22/04 15:48	RMN1			
Total Petroleum Hydrocarbons	900	mg/kg	12.	1.2	03/22/04 15:48	RMN1			20
n-Tetracosane (S)	117	%		1.0	03/22/04 15:48	RMN1	646-31-1		
p-Terphenyl (S)	107	%		1.0	03/22/04 15:48	RMN1	92-94-4		
Date Extracted	03/17/04				03/17/04				

### Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	17.0	%		1.0	03/18/04	DPB			

### GC Volatiles

Aromatic Volatile Organics

Prep/Method: EPA 5030 Medium Soil / EPA 8021

Benzene	ND	ug/kg	15000	295	03/18/04 15:19	ARF	71-43-2		
Ethylbenzene	16000	ug/kg	15000	295	03/18/04 15:19	ARF	100-41-4		
Toluene	ND	ug/kg	15000	295	03/18/04 15:19	ARF	108-88-3		
Xylene (Total)	120000	ug/kg	37000	295	03/18/04 15:19	ARF	1330-20-7		
a,a,a-Trifluorotoluene (S)	169	%		1.0	03/18/04 15:19	ARF	98-08-8		3,4

## REPORT OF LABORATORY ANALYSIS

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Lab Project Number: 6086618  
Client Project ID: N.M. Pits

Lab Sample No: 607462900      Project Sample Number: 6086618-015      Date Collected: 09/03/04 10:55  
Client Sample ID: 105503SEP04      Matrix: Soil      Date Received: 09/09/04 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 09/14/04 18:05 RMN1				
Jet Fuel	ND	mg/kg	11.		1.1 09/14/04 18:05 RMN1				
Kerosene	ND	mg/kg	11.		1.1 09/14/04 18:05 RMN1				
Diesel Fuel	ND	mg/kg	11.		1.1 09/14/04 18:05 RMN1		68334-30-5		
Fuel Oil	ND	mg/kg	11.		1.1 09/14/04 18:05 RMN1		68334-30-5		
Motor Oil	ND	mg/kg	11.		1.1 09/14/04 18:05 RMN1				
n-Tetracosane (S)	96	%			1.0 09/14/04 18:05 RMN1		646-31-1		
p-Terphenyl (S)	106	%			1.0 09/14/04 18:05 RMN1		92-94-4		
Date Extracted	09/13/04				09/13/04				

### Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	12.5	%			1.0 09/13/04		DPB		

### GC Volatiles

Aromatic Volatile Organics	Prep/Method: EPA 5030 Medium Soil / EPA 8021								
Benzene	ND	ug/kg	57.		1.1 09/14/04 14:10		71-43-2		
Ethylbenzene	ND	ug/kg	57.		1.1 09/14/04 14:10		100-41-4		
Toluene	ND	ug/kg	57.		1.1 09/14/04 14:10		108-88-3		
Xylene (Total)	ND	ug/kg	150		1.1 09/14/04 14:10		1330-20-7		
a,a,a-Trifluorotoluene (S)	92	%			1.0 09/14/04 14:10		98-08-8		

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Lab Project Number: 6086618  
Client Project ID: N.M. Pits

Lab Sample No: 607462918      Project Sample Number: 6086618-016      Date Collected: 09/03/04 10:49  
Client Sample ID: 104903SEP04      Matrix: Soil      Date Received: 09/09/04 09:10

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

Total Extractable Hydrocarbons	Prep/Method: OA2 / OA2								
Mineral Spirits	ND	mg/kg	11.		1.1 09/14/04 18:22	RMN1			
Jet Fuel	ND	mg/kg	11.		1.1 09/14/04 18:22	RMN1			
Kerosene	ND	mg/kg	11.		1.1 09/14/04 18:22	RMN1			
Diesel Fuel	ND	mg/kg	11.		1.1 09/14/04 18:22	RMN1	68334-30-5		
Fuel Oil	ND	mg/kg	11.		1.1 09/14/04 18:22	RMN1	68334-30-5		
Motor Oil	ND	mg/kg	11.		1.1 09/14/04 18:22	RMN1			
n-Tetracosane (S)	93	%			1.0 09/14/04 18:22	RMN1	646-31-1		
p-Terphenyl (S)	99	%			1.0 09/14/04 18:22	RMN1	92-94-4		
Date Extracted	09/13/04				09/13/04				

### Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	11.8	%			1.0 09/13/04		DPB		

### GC Volatiles

Aromatic Volatile Organics	Prep/Method: EPA 5030 Medium Soil / EPA 8021								
Benzene	ND	ug/kg	57.		1.1 09/14/04 14:38		71-43-2		
Ethylbenzene	100	ug/kg	57.		1.1 09/14/04 14:38		100-41-4		
Toluene	ND	ug/kg	57.		1.1 09/14/04 14:38		108-88-3		
Xylene (Total)	230	ug/kg	150		1.1 09/14/04 14:38		1330-20-7		
a,a,a-Trifluorotoluene (S)	84	%			1.0 09/14/04 14:38		98-08-8		

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