

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 ☐

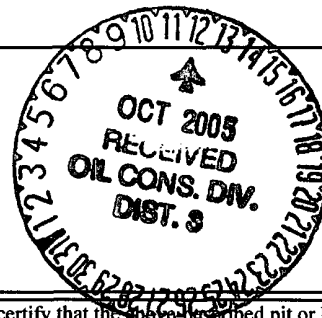
(WFS CLOSURE)

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

Operator: <u>BURLINGTON RESOURCES OIL & GAS CO</u> Telephone: _____ e-mail address: _____	
Address: <u>801 CHERRY ST FORT WORTH, TX 76102</u>	
Facility or well name: <u>CAIN COM #012E</u>	API #: <u>30-045-23955</u> U/L or Qtr/Qtr <u>O</u> SEC <u>16</u> T <u>28N</u> R <u>10W</u>
County: <u>SAN JUAN</u>	Latitude <u>36.65729</u> Longitude <u>-107.89825</u> NAD: 1927 <input checked="" type="checkbox"/> 1983 <input type="checkbox"/>
Surface Owner: Federal <input type="checkbox"/> State <input checked="" type="checkbox"/> Private <input type="checkbox"/> Indian <input type="checkbox"/>	
Pit 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 checked="" type="checkbox"/> Thickness _____ mil Clay <input type="checkbox"/> Pit Volume <u>160</u> bbl	Below-grade tank Volume: _____ bbl Type of fluid: _____ Construction Material: _____ Double-walled, with leak detection? Yes <input checked="" 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) <u>0</u> 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) <u>0</u>
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) <u>0</u> Greater than 1,000 feet (0 points)
Ranking Score (TOTAL POINTS): <u>0</u>	

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:



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: 9/9/05

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:

Printed Name/Title DEPUTY OIL & GAS INSPECTOR, DIST. 3

Signature Denny Faut

Date: OCT 12 2005

ADDENDUM TO OCD FORM C-144

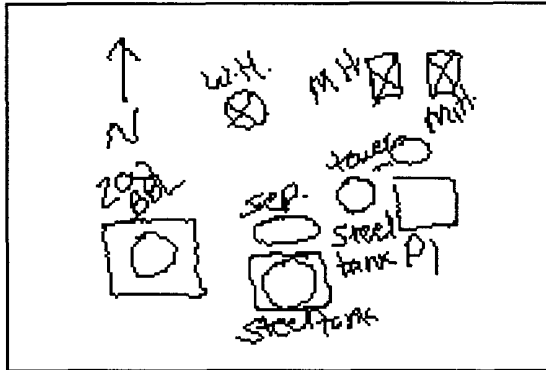
Operator: BURLINGTON RESOURCES OIL & GAS COMPANY LP

API: 30-045-23955

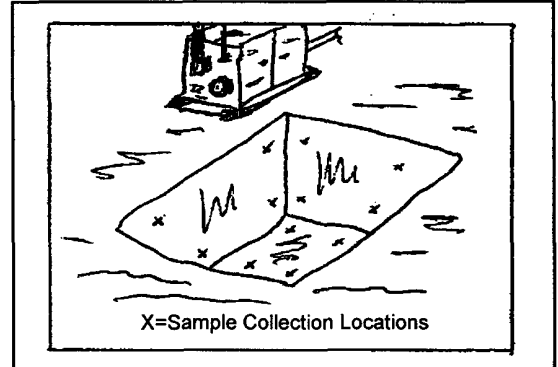
Well Name: CAIN COM #012E

Meter: 34832

Facility Diagram:



Sampling Diagram:



Pit Dimensions

Length 20 Ft.
Width 15 Ft.
Depth 3 Ft.

Location of Pit Center

Latitude 36.6571
Longitude -107.89791
(NAD 1927)

Pit ID

348321

Pit Type

Glycol Dehydrator

Date Closure Started: 4/11/03

Date Closure Completed: 4/11/03

Closure Method: Excavated, Blended, Treated Soil Returned

Bedrock Encountered ? ☐

Cubic Yards Excavated: 110

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.

Vertical extent of excavation limited by equipment

Pit Closure Sampling:

Sample ID	Sample Date	Head Space	BTEX Total (mg/kg)	Benzene (mg/kg)	TPH DRO (mg/kg)	Purpose	Location	Depth	
105511APR03	4/11/03	1589	104.4	0	140	EX Confirm	Flr	12	See Risk Analysis
105711APR03	4/11/03	33.6	0.432	0	160	EX Confirm	Walls	12	
123706AUG02	8/6/02		1639	59	2400	ASSESS		3	

Lab Project Number: 6061563
Client Project ID: NM PIT ASSESSMENTS

Lab Sample No: 605337542 Project Sample Number: 6061563-007 Date Collected: 08/06/02 12:37
Client Sample ID: 123706AUG02 Matrix: Soil Date Received: 08/09/02 09:05

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	13.	1.3	08/17/02 07:20	MIM			
Jet Fuel	ND	mg/kg	13.	1.3	08/17/02 07:20	MIM			
Kerosene	ND	mg/kg	13.	1.3	08/17/02 07:20	MIM			
Diesel Fuel	2400	mg/kg	13.	1.3	08/17/02 07:20	MIM	68334-30-5	7	
Fuel Oil	ND	mg/kg	13.	1.3	08/17/02 07:20	MIM	68334-30-5		
Motor Oil	ND	mg/kg	13.	1.3	08/17/02 07:20	MIM			
n-Tetracosane (S)	123	%		1.0	08/17/02 07:20	MIM	646-31-1		
p-Terphenyl (S)	120	%		1.0	08/17/02 07:20	MIM	92-94-4		
Date Extracted					08/14/02				

Organics Prep

Percent Moisture	Method:								
Percent Moisture	23.0	%		1.0	08/15/02	JLC1			

GC Volatiles

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

Benzene	59000	ug/kg	6700	135	08/16/02 17:28		71-43-2		
Ethylbenzene	ND	ug/kg	6700	135	08/16/02 17:28		100-41-4		
Toluene	610000	ug/kg	6700	135	08/16/02 17:28		108-88-3		
Xylene (Total)	970000	ug/kg	17000	135	08/16/02 17:28		1330-20-7		
a,a,a-Trifluorotoluene (S)	98	%		1.0	08/16/02 17:28		98-08-8	6	

Comments : Elevated quantitation limits resulting from a dilution.

Sample was analyzed at a dilution due to matrix interference with the internal standard.

REPORT OF LABORATORY ANALYSIS

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Lab Project Number: 6069637
Client Project ID: NM Pits

Lab Sample No: 606002384 Project Sample Number: 6069637-020 Date Collected: 04/11/03 10:57
Client Sample ID: 105711APR03 Matrix: Soil Date Received: 04/18/03 11:07

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	04/23/03 21:03	MIM			
Jet Fuel	ND	mg/kg	11.	1.1	04/23/03 21:03	MIM			
Kerosene	ND	mg/kg	11.	1.1	04/23/03 21:03	MIM			
Diesel Fuel	160	mg/kg	11.	1.1	04/23/03 21:03	MIM	68334-30-5		
Fuel Oil	ND	mg/kg	11.	1.1	04/23/03 21:03	MIM	68334-30-5		
Motor Oil	ND	mg/kg	11.	1.1	04/23/03 21:03	MIM			
n-Tetracosane (S)	78	%		1.0	04/23/03 21:03	MIM	646-31-1		
p-Terphenyl (S)	88	%		1.0	04/23/03 21:03	MIM	92-94-4		
Date Extracted	04/21/03				04/21/03				

Organics Prep

Percent Moisture Method: SM 2540G

Percent Moisture	12.2	%		1.0	04/22/03	MAM			
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GC Volatiles

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

Benzene	ND	ug/kg	57.	1.1	04/24/03 21:54		71-43-2		
Ethylbenzene	72.	ug/kg	57.	1.1	04/24/03 21:54		100-41-4		
Toluene	ND	ug/kg	57.	1.1	04/24/03 21:54		108-88-3		
Xylene (Total)	360	ug/kg	140	1.1	04/24/03 21:54		1330-20-7		
a,a,a-Trifluorotoluene (S)	92	%		1.0	04/24/03 21:54		98-08-8		

REPORT OF LABORATORY ANALYSIS

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Lab Project Number: 6069637

Client Project ID: NM Pits

Lab Sample No: 606002376
Client Sample ID: 105511APR03

Project Sample Number: 6069637-019
Matrix: Soil

Date Collected: 04/11/03 10:55
Date Received: 04/18/03 11:07

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
GC Semivolatiles									
Total Extractable Hydrocarbons	Prep/Method: OA2 / OA2								
Mineral Spirits	ND	mg/kg	11.	1.1	04/23/03 20:07	MIM			
Jet Fuel	ND	mg/kg	11.	1.1	04/23/03 20:07	MIM			
Kerosene	ND	mg/kg	11.	1.1	04/23/03 20:07	MIM			
Diesel Fuel	ND	mg/kg	11.	1.1	04/23/03 20:07	MIM	68334-30-5		
Fuel Oil	ND	mg/kg	11.	1.1	04/23/03 20:07	MIM	68334-30-5		
Motor Oil	ND	mg/kg	11.	1.1	04/23/03 20:07	MIM			
Total Petroleum Hydrocarbons	140	mg/kg	11.	1.1	04/23/03 20:07	MIM		6	
n-Tetracosane (S)	84	%		1.0	04/23/03 20:07	MIM	646-31-1		
p-Terphenyl (S)	84	%		1.0	04/23/03 20:07	MIM	92-94-4		
Date Extracted	04/21/03				04/21/03				

Organics Prep

Percent Moisture	Method: SM 2540G			
Percent Moisture	5.2	%	1.0	04/22/03 MAM

GC Volatiles

Aromatic Volatile Organics	Prep/Method: EPA 5030 Medium Soil / EPA 8021								
Benzene	ND	ug/kg	1000	20.7	04/25/03 13:11		71-43-2		
Ethylbenzene	7800	ug/kg	1000	20.7	04/25/03 13:11		100-41-4		
Toluene	5600	ug/kg	1000	20.7	04/25/03 13:11		108-88-3		
Xylene (Total)	91000	ug/kg	2600	20.7	04/25/03 13:11		1330-20-7		
a,a,a-Trifluorotoluene (S)	80	%		1.0	04/25/03 13:11		98-08-8		

REPORT OF LABORATORY ANALYSIS

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