

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: BURLINGTON RESOURCES OIL & GAS CO Telephone: _____ e-mail address: _____
Address: 801 CHERRY ST FORT WORTH, TX 76102
Facility or well name: QUINN #005A API #: 30-045-24367 U/L or Qtr/Qtr F SEC 18 T 31N R 8W
County: SAN JUAN Latitude 36.90055 Longitude -107.71945 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 100 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):

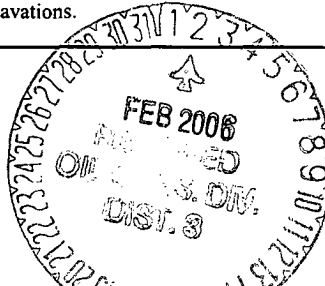
0

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:

Meter: 34905

Outside V A



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: 10/3/05

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: DEPUTY OIL & GAS INSPECTOR, DIST. 3

Printed Name/Title _____ Signature Henry Zett

Date: FEB 02 2006

ADDENDUM TO OCD FORM C-144

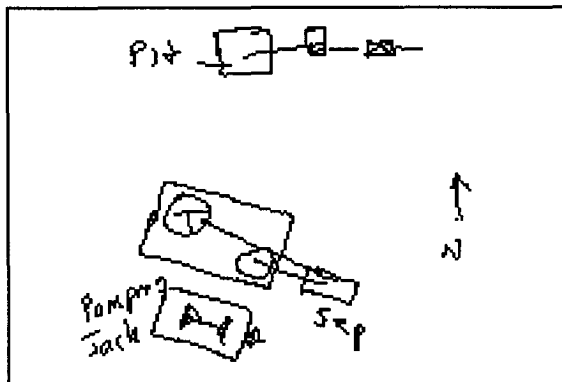
Operator: BURLINGTON RESOURCES OIL & GAS COMPANY LP

API 30-045-24367

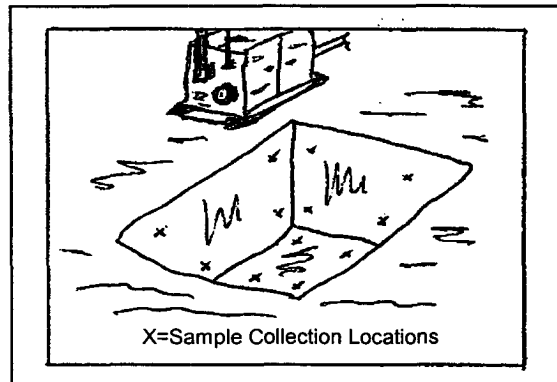
Well Name: QUINN #005A

Meter: 34905

Facility Diagram:



Sampling Diagram:



Pit Dimensions

Length 15 Ft.

Width 15 Ft.

Depth 2.5 Ft.

Location of Pit Center

Latitude 36.90091

Longitude -107.7194

(NAD 1927)

Pit ID

349051

Pit Type

Glycol Dehydrator

Date Closure Started: 6/8/05

Date Closure Completed: 6/8/05

Closure Method: Excavated, Blended, Treated Soil Returned

Bedrock Encountered ? ☒

Cubic Yards Excavated: 67

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	
152408JUN05	6/8/05	180			12000	EX Confirm	Pk WA	6	See Risk Analysis
153408JUN05	6/8/05	97	39.73	0.13	27000	EX Confirm	Fir	8	See Risk Analysis
165321JUN04	6/21/04		683	10	5100	ASSESS	Fir	3.5	

Lab Project Number: 6096223

Client Project ID: N. Mex Pit Program Spring 2005

Lab Sample No: 608256319
Client Sample ID: 152408JUN05

Project Sample Number: 6096223-015
Matrix: Soil

Date Collected: 06/08/05 15:24
Date Received: 06/15/05 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	110		11.1 06/18/05 11:04	RMN1			
Jet Fuel	ND	mg/kg	110		11.1 06/18/05 11:04	RMN1			
Kerosene	ND	mg/kg	110		11.1 06/18/05 11:04	RMN1			
Diesel Fuel	ND	mg/kg	110		11.1 06/18/05 11:04	RMN1	68334-30-5		
Fuel Oil	ND	mg/kg	110		11.1 06/18/05 11:04	RMN1	68334-30-5		
Motor Oil	ND	mg/kg	110		11.1 06/18/05 11:04	RMN1			
Total Petroleum Hydrocarbons	12000	mg/kg	110		11.1 06/18/05 11:04	RMN1			1
n-Tetracosane (S)	0	%			1.0 06/18/05 11:04	RMN1	646-31-1		4
p-Terphenyl (S)	0	%			1.0 06/18/05 11:04	RMN1	92-94-4		4
Date Extracted	06/15/05				06/15/05				

Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	10.6	%			1.0 06/16/05	CPR			

REPORT OF LABORATORY ANALYSIS

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Lab Project Number: 6096223

Client Project ID: N. Mex Pit Program Spring 2005

Lab Sample No: 608256327
Client Sample ID: 153408JUN05

Project Sample Number: 6096223-016
Matrix: Soil

Date Collected: 06/08/05 15:34
Date Received: 06/15/05 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	120	12.1	06/18/05 11:24	RMN1			
Jet Fuel	ND	mg/kg	120	12.1	06/18/05 11:24	RMN1			
Kerosene	ND	mg/kg	120	12.1	06/18/05 11:24	RMN1			
Diesel Fuel	ND	mg/kg	120	12.1	06/18/05 11:24	RMN1	68334-30-5		
Fuel Oil	ND	mg/kg	120	12.1	06/18/05 11:24	RMN1	68334-30-5		
Motor Oil	ND	mg/kg	120	12.1	06/18/05 11:24	RMN1			
Total Petroleum Hydrocarbons	27000	mg/kg	120	12.1	06/18/05 11:24	RMN1			1
n-Tetracosane (S)	0	%		1.0	06/18/05 11:24	RMN1	646-31-1		4
p-Terphenyl (S)	0	%		1.0	06/18/05 11:24	RMN1	92-94-4		4
Date Extracted	06/15/05				06/15/05				

Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	17.4	%		1.0	06/16/05	CPR			

GC/MS Volatiles

UST VOCs in Soil Prep/Method: EPA 5030 Medium Soil / EPA 8260

Benzene	130	ug/kg	60.	1.2	06/21/05 15:51	KBL1	71-43-2		
Toluene	1900	ug/kg	60.	1.2	06/21/05 15:51	KBL1	108-88-3		
Ethylbenzene	1700	ug/kg	60.	1.2	06/21/05 15:51	KBL1	100-41-4		
Xylene (Total)	36000	ug/kg	180	1.2	06/21/05 15:51	KBL1	1330-20-7		
Dibromofluoromethane (S)	100	%		1.0	06/21/05 15:51	KBL1	1868-53-7		
1,2-Dichloroethane-d4 (S)	96	%		1.0	06/21/05 15:51	KBL1	17060-07-0		
Toluene-d8 (S)	106	%		1.0	06/21/05 15:51	KBL1	2037-26-5		
4-Bromofluorobenzene (S)	107	%		1.0	06/21/05 15:51	KBL1	460-00-4		

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Lab Project Number: 6084144

Client Project ID: NM PITS

Lab Sample No: 607253937

Project Sample Number: 6084144-004

Date Collected: 06/21/04 16:53

Client Sample ID: 165321JUN04

Matrix: Soil

Date Received: 06/30/04 10:20

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	07/14/04 00:23	RMN1			
Jet Fuel	ND	mg/kg	12.	1.2	07/14/04 00:23	RMN1			
Kerosene	ND	mg/kg	12.	1.2	07/14/04 00:23	RMN1			
Diesel Fuel	5100	mg/kg	12.	1.2	07/14/04 00:23	RMN1	68334-30-5	5	
Fuel Oil	ND	mg/kg	12.	1.2	07/14/04 00:23	RMN1	68334-30-5		
Motor Oil	ND	mg/kg	12.	1.2	07/14/04 00:23	RMN1			
n-Tetracosane (S)	238	%		1.0	07/14/04 00:23	RMN1	646-31-1	6	
p-Terphenyl (S)	88	%		1.0	07/14/04 00:23	RMN1	92-94-4		
Date Extracted	07/02/04				07/02/04				

Organics Prep

Percent Moisture

Method: SM 2540G

Percent Moisture

21.1

%

1.0 07/02/04

DPB

GC Volatiles

Aromatic Volatile Organics

Prep/Method: EPA 5030 Medium Soil / EPA 8021

Benzene	10000	ug/kg	6100	121	07/02/04 15:58		71-43-2		
Ethylbenzene	23000	ug/kg	6100	121	07/02/04 15:58		100-41-4		
Toluene	120000	ug/kg	6100	121	07/02/04 15:58		108-88-3		
Xylene (Total)	530000	ug/kg	15000	121	07/02/04 15:58		1330-20-7		
a,a,a-Trifluorotoluene (S)	75	%		1.0	07/02/04 15:58		98-08-8	7	

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