

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: **ENERGEN RESOURCES CORPORATION** Telephone: e-mail address:
Address: **605 21ST STREET NORTH BIRMINGHAM, AL 352032707**
Facility or well name: **JEN NA PIA #001** API #: **30-045-05589** U/L or Qtr/Qtr **C** SEC **2** T **25N** R **10W**
County: **SAN JUAN** Latitude **36.4352** Longitude **-107.86818** 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 120 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

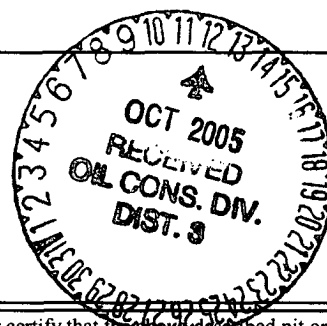
Ranking Score (TOTAL POINTS):

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:

Bedrock



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 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. IV

Signature

Wendy Kent

Date:

OCT 12 2005

ADDENDUM TO OCD FORM C-144

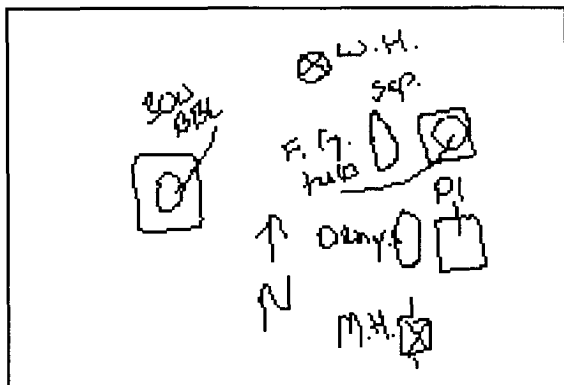
Operator: ENERGEN RESOURCES CORPORATION

API 30-045-05589

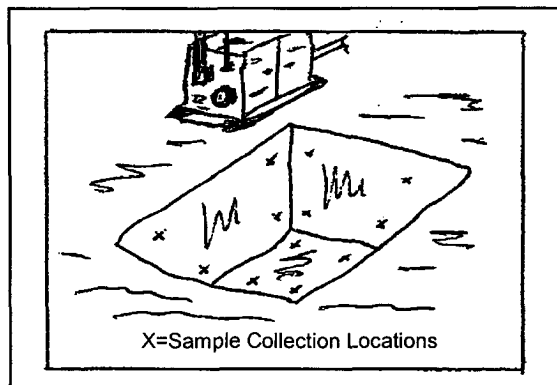
Well Name: JEN NA PIA #001

Meter: 32796

Facility Diagram:



Sampling Diagram:



Pit Dimensions

Length 15 Ft.

Width 15 Ft.

Depth 3 Ft.

Location of Pit Center

Latitude 36.43477

Longitude -107.8679

(NAD 1927)

Pit ID

327961

Pit Type

Glycol Dehydrator

Date Closure Started: 12/7/04

Date Closure Completed: 12/7/04

Closure Method: Excavated, Blended, Treated Soil Returned

Bedrock Encountered ? ☒

Cubic Yards Excavated: 83

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	
095807DEC04	12/7/04					EX Confirm	Walls	8	See Risk Analysis
101007DEC04	12/7/04	301	1029	35	1700	EX Confirm	Flr	10	See Risk Analysis
103309MAR04	3/9/04		251	15	660	ASSESS	Flr	3	

Lab Project Number: 6080365

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

Lab Sample No: 606913937
Client Sample ID: 103309MAR04

Project Sample Number: 6080365-017
Matrix: Soil

Date Collected: 03/09/04 10:33
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	03/20/04 01:07	RMN1			
Jet Fuel	ND	mg/kg	12.	1.2	03/20/04 01:07	RMN1			
Kerosene	ND	mg/kg	12.	1.2	03/20/04 01:07	RMN1			
Diesel Fuel	ND	mg/kg	12.	1.2	03/20/04 01:07	RMN1	68334-30-5		
Fuel Oil	ND	mg/kg	12.	1.2	03/20/04 01:07	RMN1	68334-30-5		
Motor Oil	ND	mg/kg	12.	1.2	03/20/04 01:07	RMN1			
Total Petroleum Hydrocarbons	660	mg/kg	12.	1.2	03/20/04 01:07	RMN1		5	
n-Tetracosane (S)	109	%		1.0	03/20/04 01:07	RMN1	646-31-1		
p-Terphenyl (S)	121	%		1.0	03/20/04 01:07	RMN1	92-94-4		
Date Extracted	03/18/04				03/18/04				

Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	16.4	%		1.0	03/18/04	DPB			

GC Volatiles

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

Benzene	15000	ug/kg	5900	118	03/18/04 19:50	ARF	71-43-2		
Ethylbenzene	16000	ug/kg	5900	118	03/18/04 19:50	ARF	100-41-4		
Toluene	ND	ug/kg	5900	118	03/18/04 19:50	ARF	108-88-3		
Xylene (Total)	220000	ug/kg	15000	118	03/18/04 19:50	ARF	1330-20-7		
a,a,a-Trifluorotoluene (S)	245	%		1.0	03/18/04 19:50	ARF	98-08-8	3.4	

REPORT OF LABORATORY ANALYSIS

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Lab Project Number: 6089836
Client Project ID: N.M. Pits

Lab Sample No: 607735263 Project Sample Number: 6089836-020 Date Collected: 12/07/04 10:10
Client Sample ID: 101007DEC04 Matrix: Soil Date Received: 12/10/04 09:50

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	11.		1.1 12/15/04 07:06 RMN1				
Jet Fuel	ND	mg/kg	11.		1.1 12/15/04 07:06 RMN1				
Kerosene	ND	mg/kg	11.		1.1 12/15/04 07:06 RMN1				
Diesel Fuel	ND	mg/kg	11.		1.1 12/15/04 07:06 RMN1		68334-30-5		
Fuel Oil	ND	mg/kg	11.		1.1 12/15/04 07:06 RMN1		68334-30-5		
Motor Oil	ND	mg/kg	11.		1.1 12/15/04 07:06 RMN1				
Total Petroleum Hydrocarbons	1700	mg/kg	11.		1.1 12/15/04 07:06 RMN1			14	
n-Tetracosane (S)	137	%			1.0 12/15/04 07:06 RMN1		646-31-1		
p-Terphenyl (S)	99	%			1.0 12/15/04 07:06 RMN1		92-94-4		
Date Extracted	12/14/04				12/14/04				

Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	10.9	%			1.0 12/15/04	ALJ1			

GC Volatiles

Aromatic Volatile Organics	Prep/Method: EPA 5030 Medium Soil / EPA 8021								
Benzene	35000	ug/kg	5100	102	12/15/04 11:22		71-43-2		
Ethylbenzene	54000	ug/kg	5100	102	12/15/04 11:22		100-41-4		
Toluene	390000	ug/kg	5100	102	12/15/04 11:22		108-88-3		
Xylene (Total)	550000	ug/kg	13000	102	12/15/04 11:22		1330-20-7		
a,a,a-Trifluorotoluene (S)	120	%			1.0 12/15/04 11:22		98-08-8	4	

REPORT OF LABORATORY ANALYSIS

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