

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 ☒

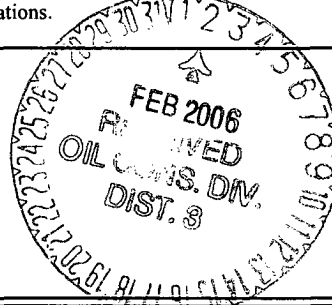
Operator: DUGAN PRODUCTION CORP Telephone: e-mail address:
Address: PO BOX 420 FARMINGTON, NM 87499
Facility or well name: STATE COM #002A API #: 30-045-32242 U/L or Qtr/Qtr F SEC 16 T 30N R 9W
County: SAN JUAN Latitude 36 48.989 N Longitude 107 47.310 W NAD: 1927 ☒ 1983 ☐
Surface Owner: Federal ☐ State ☒ Private ☐ Indian ☐

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 80 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) 100 feet or more (0 points) <u>0</u>
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) Greater than 1,000 feet (0 points) <u>0</u>
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:

Outside VA



Meter: 34495

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:

Printed Name/Title

DEPUTY OIL & GAS INSPECTOR, DIST. 8

Signature Wendy Faint

Date: FEB 02 2006

ADDENDUM TO OCD FORM C-144

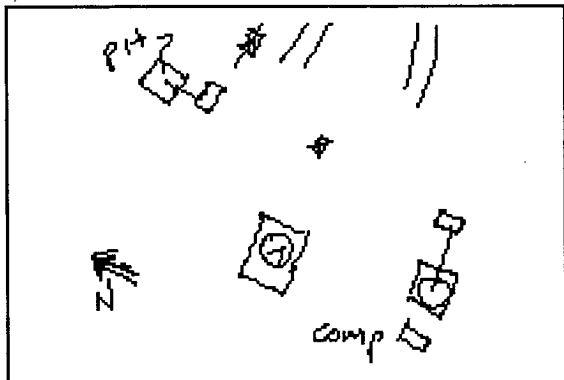
Operator: DUGAN PRODUCTION CORP

API 30-045-32242

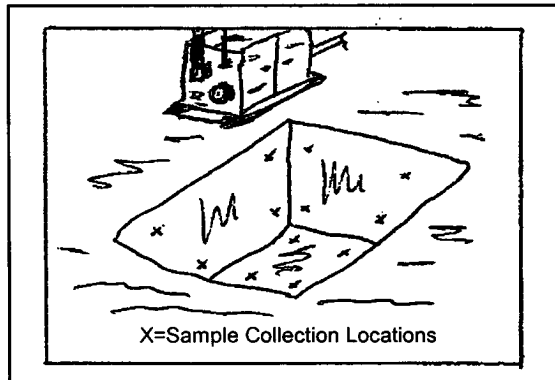
Well Name: STATE COM #002A

Meter: 34495

Facility Diagram:



Sampling Diagram:



Pit Dimensions

Length 15 Ft.

Width 15 Ft.

Depth 2 Ft.

Location of Pit Center

Latitude 36 48.990 N

Longitude 07 47.299 W

(NAD 1927)

Pit ID

344951

Pit Type

Glycol Dehydrator

Date Closure Started: 4/15/05

Date Closure Completed: 4/15/05

Closure Method: Excavated, Blended, Treated Soil Returned

Bedrock Encountered ? ☐

Cubic Yards Excavated: 178

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	
132006MAR05	3/6/05		969	100	130	ASSESS	Flr	3.5	
170415APR05	4/15/05	0			0	EX Confirm	Walls	10	
171015APR05	4/15/05	222	79.3	4	33	EX Confirm	Flr	12	See Risk Analysis

Lab Project Number: 6094208
Client Project ID: N MEXICO PIT PROGRAM

Lab Sample No: 608089678 Project Sample Number: 6094208-014 Date Collected: 04/15/05 17:04
Client Sample ID: 170415APR05 Matrix: Soil Date Received: 04/22/05 09:30

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 04/28/05 12:10 RMN1				
Jet Fuel	ND	mg/kg	11.		1.1 04/28/05 12:10 RMN1				
Kerosene	ND	mg/kg	11.		1.1 04/28/05 12:10 RMN1				
Diesel Fuel	ND	mg/kg	11.		1.1 04/28/05 12:10 RMN1		68334-30-5		
Fuel Oil	ND	mg/kg	11.		1.1 04/28/05 12:10 RMN1		68334-30-5		
Motor Oil	ND	mg/kg	11.		1.1 04/28/05 12:10 RMN1				
n-Tetracosane (S)	86	%			1.0 04/28/05 12:10 RMN1		646-31-1		
p-Terphenyl (S)	82	%			1.0 04/28/05 12:10 RMN1		92-94-4		
Date Extracted	04/26/05				04/26/05				

Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	9.4	%			1.0 04/26/05	ALJ1			

REPORT OF LABORATORY ANALYSIS

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Lab Project Number: 6094208
Client Project ID: N MEXICO PIT PROGRAM

Lab Sample No: 608089686 Project Sample Number: 6094208-015 Date Collected: 04/15/05 17:10
Client Sample ID: 171015APR05 Matrix: Soil Date Received: 04/22/05 09:30

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	04/28/05 12:28	RMN1			
Jet Fuel	ND	mg/kg	11.	1.1	04/28/05 12:28	RMN1			
Kerosene	ND	mg/kg	11.	1.1	04/28/05 12:28	RMN1			
Diesel Fuel	ND	mg/kg	11.	1.1	04/28/05 12:28	RMN1	68334-30-5		
Fuel Oil	ND	mg/kg	11.	1.1	04/28/05 12:28	RMN1	68334-30-5		
Motor Oil	ND	mg/kg	11.	1.1	04/28/05 12:28	RMN1			
Total Petroleum Hydrocarbons	33.	mg/kg	11.	1.1	04/28/05 12:28	RMN1		1	
n-Tetracosane (S)	89	%		1.0	04/28/05 12:28	RMN1	646-31-1		
p-Terphenyl (S)	84	%		1.0	04/28/05 12:28	RMN1	92-94-4		
Date Extracted	04/26/05				04/26/05				

Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	6.2	%		1.0	04/25/05	CJN1			

GC Volatiles

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

Benzene	4000	ug/kg	1700	33.3	04/25/05 17:31	SHF	71-43-2		
Ethylbenzene	2300	ug/kg	1700	33.3	04/25/05 17:31	SHF	100-41-4		
Toluene	51000	ug/kg	1700	33.3	04/25/05 17:31	SHF	108-88-3		
Xylene (Total)	22000	ug/kg	4300	33.3	04/25/05 17:31	SHF	1330-20-7		
a,a,a-Trifluorotoluene (S)	117	%		1.0	04/25/05 17:31	SHF	98-08-8		

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Lab Project Number: 6092681
Client Project ID: NM Pits 02/18-03/04/2005

Lab Sample No: 607961760 Project Sample Number: 6092681-022 Date Collected: 03/06/05 13:20
Client Sample ID: 132006MAR05 Matrix: Soil Date Received: 03/10/05 09:00

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	12.	1.2	03/17/05 16:02	RMN1			
Jet Fuel	ND	mg/kg	12.	1.2	03/17/05 16:02	RMN1			
Kerosene	ND	mg/kg	12.	1.2	03/17/05 16:02	RMN1			
Diesel Fuel	ND	mg/kg	12.	1.2	03/17/05 16:02	RMN1	68334-30-5		
Fuel Oil	ND	mg/kg	12.	1.2	03/17/05 16:02	RMN1	68334-30-5		
Motor Oil	ND	mg/kg	12.	1.2	03/17/05 16:02	RMN1			
Total Petroleum Hydrocarbons	130	mg/kg	12.	1.2	03/17/05 16:02	RMN1		1	
n-Tetracosane (S)	127	%		1.0	03/17/05 16:02	RMN1	646-31-1		
p-Terphenyl (S)	145	%		1.0	03/17/05 16:02	RMN1	92-94-4	2	
Date Extracted	03/11/05				03/11/05				

Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	14.4	%		1.0	03/11/05	ALJ1			

GC/MS Volatiles

UST VOCs in Soil	Prep/Method: EPA 5030 Medium Soil / EPA 8260								
Benzene	100000	ug/kg	2300	45.4	03/16/05 13:13	AEP	71-43-2		
Toluene	610000	ug/kg	2300	45.4	03/16/05 13:13	AEP	108-88-3		
Ethylbenzene	19000	ug/kg	2300	45.4	03/16/05 13:13	AEP	100-41-4		
Xylene (Total)	240000	ug/kg	6800	45.4	03/16/05 13:13	AEP	1330-20-7		
Dibromofluoromethane (S)	109	%		1.0	03/16/05 13:13	AEP	1868-53-7		
1,2-Dichloroethane-d4 (S)	114	%		1.0	03/16/05 13:13	AEP	17060-07-0		
Toluene-d8 (S)	117	%		1.0	03/16/05 13:13	AEP	2037-26-5		
4-Bromofluorobenzene (S)	100	%		1.0	03/16/05 13:13	AEP	460-00-4		

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