

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: CONOCOPHILLIPS COMPANY

Telephone:

e-mail address:

Address: PO BOX 2197 HOUSTON, TX 77252

Facility or well name: SAN JUAN 29.5 UNIT #049

API #: 30-039-07647

U/L or Qtr/Qtr M SEC 9 T 29N R 5W

County: RIO ARriba

Latitude 36.44136

Longitude -107.22104

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

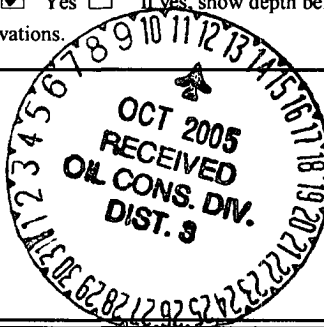
Ranking Score (TOTAL POINTS):

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:

Vertical and Horizontal Extent



Meter: 86417

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: 9/28/05

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. 9

Printed Name/Title _____ Signature Denny Felt

OCT 12 2005

Date: _____

ADDENDUM TO OCD FORM C-144

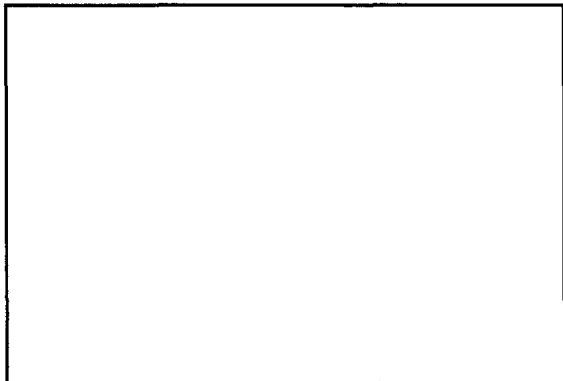
Operator: CONOCOPHILLIPS COMPANY

API 30-039-07647

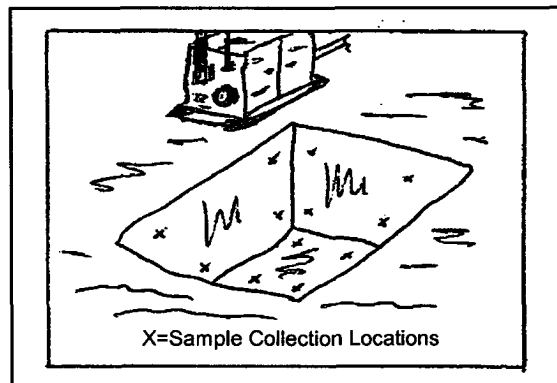
Well Name: SAN JUAN 29 5 UNIT #049

Meter: 86417

Facility Diagram:



Sampling Diagram:



Pit Dimensions

Length 15 Ft.

Width 15 Ft.

Depth 3 Ft.

Location of Pit Center

Latitude 36.44138

Longitude -107.22106

(NAD 1927)

Pit ID

864171

Pit Type

Unknown

Date Closure Started: 7/14/04

Date Closure Completed: 7/14/04

Closure Method: Excavated, Blended, Treated Soil Returned

Bedrock Encountered ? ☐

Cubic Yards Excavated: 254

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	
103014JUL04	7/14/04		239.2	1.2	1700	EX Confirm	Flr	13	See Risk Analysis
104014JUL04	7/14/04		450	0	970	EX Confirm	Walls	12	See Risk Analysis
112201APR04	4/1/04		132.7	0	1300	ASSESS	Flr	3	

Lab Project Number: 6084738
Client Project ID: NM PITS

Lab Sample No: 607299583
Client Sample ID: 104014JUL04

Project Sample Number: 6084738-036
Matrix: Soil

Date Collected: 07/14/04 10:40
Date Received: 07/16/04 12:10

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 07/22/04 13:42 RMN1				
Jet Fuel	ND	mg/kg	11.		1.1 07/22/04 13:42 RMN1				
Kerosene	ND	mg/kg	11.		1.1 07/22/04 13:42 RMN1				
Diesel Fuel	ND	mg/kg	11.		1.1 07/22/04 13:42 RMN1		68334-30-5		
Fuel Oil	ND	mg/kg	11.		1.1 07/22/04 13:42 RMN1		68334-30-5		
Motor Oil	ND	mg/kg	11.		1.1 07/22/04 13:42 RMN1				
Total Petroleum Hydrocarbons	970	mg/kg	11.		1.1 07/22/04 13:42 RMN1			1	
n-Tetracosane (S)	100	%			1.0 07/22/04 13:42 RMN1		646-31-1		
p-Terphenyl (S)	108	%			1.0 07/22/04 13:42 RMN1		92-94-4		
Date Extracted	07/20/04				07/20/04				

Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	10.8	%			1.0 07/20/04		DPB		

GC Volatiles

TPH Gas/BTEX	Prep/Method: TPH GRO/BTEX / EPA 8021/OA1								
Benzene	ND	ug/kg	10000	207	07/22/04 11:30		71-43-2		
Toluene	10000	ug/kg	10000	207	07/22/04 11:30		108-88-3		
Ethylbenzene	ND	ug/kg	10000	207	07/22/04 11:30		100-41-4		
Xylene (Total)	440000	ug/kg	27000	207	07/22/04 11:30		1330-20-7		
a,a,a-Trifluorotoluene (S)	83	%			1.0 07/22/04 11:30		98-08-8		
4-Bromofluorobenzene (S)	105	%			1.0 07/22/04 11:30		460-00-4		

REPORT OF LABORATORY ANALYSIS

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Lab Project Number: 6084738
Client Project ID: NM PITS

Lab Sample No: 607299591 Project Sample Number: 6084738-037 Date Collected: 07/14/04 10:30
Client Sample ID: 103014JUL04 Matrix: Soil Date Received: 07/16/04 12:10

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	12.	1.2	07/22/04 21:46	RMN1			
Jet Fuel	ND	mg/kg	12.	1.2	07/22/04 21:46	RMN1			
Kerosene	ND	mg/kg	12.	1.2	07/22/04 21:46	RMN1			
Diesel Fuel	ND	mg/kg	12.	1.2	07/22/04 21:46	RMN1	68334-30-5		
Fuel Oil	ND	mg/kg	12.	1.2	07/22/04 21:46	RMN1	68334-30-5		
Motor Oil	ND	mg/kg	12.	1.2	07/22/04 21:46	RMN1			
Total Petroleum Hydrocarbons	1700	mg/kg	12.	1.2	07/22/04 21:46	RMN1		1	
n-Tetracosane (S)	100	%		1.0	07/22/04 21:46	RMN1	646-31-1		
p-Terphenyl (S)	111	%		1.0	07/22/04 21:46	RMN1	92-94-4		
Date Extracted	07/22/04				07/22/04				

Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	14.4	%		1.0	07/21/04	DPB			

GC Volatiles

TPH Gas/BTEX	Prep/Method: TPH GRO/BTEX / EPA 8021/OA1								
Benzene	1200	ug/kg	1000	20.5	07/26/04 17:12	ARF	71-43-2		
Toluene	57000	ug/kg	1000	20.5	07/26/04 17:12	ARF	108-88-3		
Ethylbenzene	11000	ug/kg	1000	20.5	07/26/04 17:12	ARF	100-41-4		
Xylene (Total)	170000	ug/kg	2700	20.5	07/26/04 17:12	ARF	1330-20-7		
a,a,a-Trifluorotoluene (S)	82	%		1.0	07/26/04 17:12	ARF	98-08-8		
4-Bromofluorobenzene (S)	109	%		1.0	07/26/04 17:12	ARF	460-00-4		

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Lab Project Number: 6081076
Client Project ID: N.M. Pit Program

Solid results are reported on a dry weight basis

Lab Sample No: 606979136 Project Sample Number: 6081076-001 Date Collected: 04/01/04 11:22
Client Sample ID: 112204APR04 Matrix: Soil Date Received: 04/06/04 08:55
112201APR04 JPS

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	13.		1.3 04/13/04 04:18 RMN1				
Jet Fuel	ND	mg/kg	13.		1.3 04/13/04 04:18 RMN1				
Kerosene	ND	mg/kg	13.		1.3 04/13/04 04:18 RMN1				
Diesel Fuel	1300	mg/kg	13.		1.3 04/13/04 04:18 RMN1	68334-30-5	1		
Fuel Oil	ND	mg/kg	13.		1.3 04/13/04 04:18 RMN1	68334-30-5			
Motor Oil	ND	mg/kg	13.		1.3 04/13/04 04:18 RMN1				
n-Tetracosane (S)	119	%			1.0 04/13/04 04:18 RMN1	646-31-1			
p-Terphenyl (S)	118	%			1.0 04/13/04 04:18 RMN1	92-94-4			
Date Extracted	04/10/04				04/10/04				

Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	20.6	%			1.0 04/10/04	DPB			

GC Volatiles

Aromatic Volatile Organics	Prep/Method: EPA 5030 Medium Soil / EPA 8021								
Benzene	ND	ug/kg	610		12.2 04/11/04 13:16	71-43-2			
Ethylbenzene	5700	ug/kg	610		12.2 04/11/04 13:16	100-41-4			
Toluene	37000	ug/kg	610		12.2 04/11/04 13:16	108-88-3			
Xylene (Total)	90000	ug/kg	1500		12.2 04/11/04 13:16	1330-20-7			
a,a,a-Trifluorotoluene (S)	90	%			1.0 04/11/04 13:16	98-08-8			

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