



4311 Monica Lane, Carlsbad, NM 88220

Phone 505-236-6012

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Email bandr@pvtnetworks.net

APR 28 2008

OCD-ARTESIA

April 25, 2008

Devon Energy Corporation
2401 Pecos Avenue
Artesia, New Mexico 88211

Re: Devon Energy Production Co
Indian Hill 6 Federal No.1 – Final Drill Pit Closure

Indian Hill 6 Federal 1

API: 30-015-35731
Sec 6-T20S-R28E

Depth to Ground Water: 100'+
Planned Analytical Testing: Chlorides
Site Ranking Score: 0
Primary Land Use: Ranching and Oil & Gas Production

Pursuant to Pit Rule 50 of the New Mexico Oil Conservation District of the State of New Mexico regulatory requirement for pit closure, please accept the following documentation for final closure of the drilling pit for the aforementioned location.


An Insitu burial trench was excavated inside original drill pit and lined with 12mil liner. All drill cuttings were stiffened and transferred to the lined Insitu trench. Upon transferring all pit contents to the lined burial trench, field tests were performed on the soil within in the confines of the original drill pit. The field results of chloride delineation of the impacted material are as follows (a diagram has also been attached):

NW Corner 114 mg/kg	West Center <32.5 mg/kg	SW Corner 205mg/kg
N Center 182mg/kg	Center 160mg/kg	S Center 403mg/kg
NE Corner 242mg/kg	E Center 250mg/kg	SE Corner 298mg/kg
Background (North) 114mg/kg	Background (South) 236mg/kg	

Pursuant to NMOCD Pit Rule 50, a 20mil liner was placed on top of the Insitu trench to seal in the impacted soils and the stiffened drill cuttings. The pit area was backfilled with clean native material and contoured to the surrounding terrain.


Soil samples were collected, prepared, and packaged per EPA guidelines and forwarded to Trace Analysis in Lubbock, Texas for official analytical testing. Please find the official analytical results attached hereto.

Please review the attached documentation and contact me at 575-361-2132 with any questions or concerns.

Sincerely,

Rayland VanNatta
B&R Trucking

Accepted for record
NMOCD

APR 30 2008

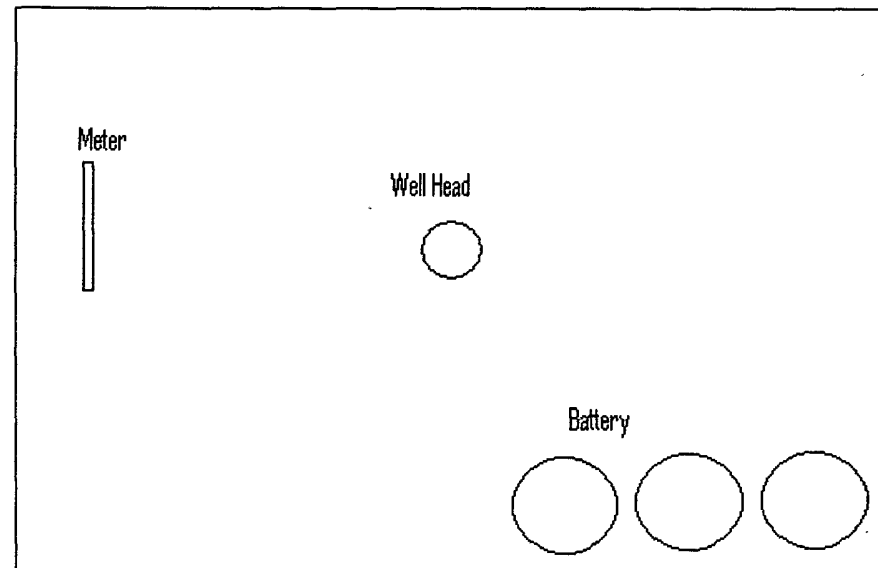
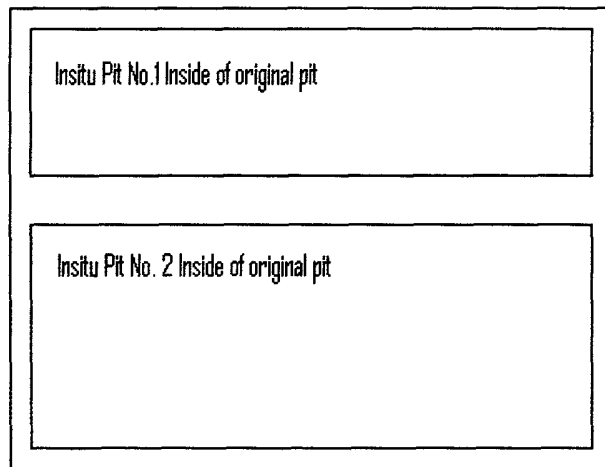
Signed By 

Devon Energy
Indian Hill 6 Fed. 1
API# 30-015-35731
Sampling-Burial-Location Diagram

Pit Location/Sampling Quad Diagram

SW Corner	West Center	NW Corner
South Center	Center	North Center
SE Corner	East Center	NE Corner

Burial Diagram



Summary Report

Rayland Vannatta
B & R Trucking
4311 Monica Lane
Carlsbad, NM, 88220

Report Date: April 8, 2008

Work Order: 8040109



Project Location: Indian Hill 6 Fed. 1
Project Name: Devon
Project Number: API 30-015-35731

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
155179	NW Corner	soil	2008-03-11	08:30	2008-04-01
155180	W Center	soil	2008-03-11	09:00	2008-04-01
155181	SW Corner	soil	2008-03-11	10:00	2008-04-01
155182	N Center	soil	2008-03-20	07:00	2008-04-01
155183	Center	soil	2008-03-20	07:30	2008-04-01
155184	S Center	soil	2008-03-20	08:00	2008-04-01
155185	NE Corner	soil	2008-03-20	08:30	2008-04-01
155186	E Center	soil	2008-03-20	09:00	2008-04-01
155187	SE Corner	soil	2008-03-20	09:30	2008-04-01
155188	Background (N)	soil	2008-03-11	08:00	2008-04-01
155189	Background (S)	soil	2008-03-11	11:00	2008-04-01

Sample: 155179 - NW Corner

Param	Flag	Result	Units	RL
Chloride		114	mg/Kg	3.25

Sample: 155180 - W Center

Param	Flag	Result	Units	RL
Chloride		<32.5	mg/Kg	3.25

Sample: 155181 - SW Corner

Param	Flag	Result	Units	RL
Chloride		205	mg/Kg	3.25

Sample: 155182 - N Center

TraceAnalysis, Inc. • 6701 Aberdeen Ave., Suite 9 • Lubbock, TX 79424-1515 • (806) 794-1296
This is only a summary. Please, refer to the complete report package for quality control data.

Param	Flag	Result	Units	RL
Chloride		182	mg/Kg	3.25

Sample: 155183 - Center

Param	Flag	Result	Units	RL
Chloride		160	mg/Kg	3.25

Sample: 155184 - S Center

Param	Flag	Result	Units	RL
Chloride		403	mg/Kg	3.25

Sample: 155185 - NE Corner

Param	Flag	Result	Units	RL
Chloride		242	mg/Kg	3.25

Sample: 155186 - E Center

Param	Flag	Result	Units	RL
Chloride		250	mg/Kg	3.25

Sample: 155187 - SE Corner

Param	Flag	Result	Units	RL
Chloride		298	mg/Kg	3.25

Sample: 155188 - Background (N)

Param	Flag	Result	Units	RL
Chloride		114	mg/Kg	3.25

Sample: 155189 - Background (S)

Param	Flag	Result	Units	RL
Chloride		236	mg/Kg	3.25

TraceAnalysis, Inc.

email: lab@traceanalysis.com

6701 Aberdeen Avenue, Suite 9
Lubbock, Texas 79424
Tel (806) 794-1296
Fax (806) 794-1296
1 (800) 378-12965002 Basin Street, Suite A1
Midland, Texas 79703
Tel (432) 689-6301
Fax (432) 689-6313200 East Sunset Rd., Suite E
El Paso, Texas 79922
Tel (915) 585-3443
Fax (915) 585-4944
1 (888) 588-34438808 Camp Bowie Blvd. West, Suite 180
Ft. Worth, Texas 76116
Tel (817) 201-5260
Fax (817) 560-4336

Company Name: B&R Trucking Phone #: 375-236 6012
 Address: (Street, City, Zip) 4311 Monica Ln Carlsbad Nm 88220 Fax #: 575-236 6063
 Contact Person: KAYLAUD VARNATTA E-mail: b-and-r@wildblue.net

Invoice to:
 (If different from above)

Project #: 3C-015-35731

Project Name: DEVON

Project Location (including state): INDIAN HILL 6 FED. 1

Sampler Signature: [Signature]

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume / Amount	MATRIX				PRESERVATIVE METHOD							SAMPLING		MTBE 8021B / 602 / 8260B / 624	BTX 8021B / 602 / 8260B / 624	TPH 418.1 / TX1005 / TX1005 Ext(C35)	TPH 8015 GRO / DRO / TVHC	PAH 8270C / 625	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C / 625	PCB's 8082 / 608	Pesticides 8081A / 608	BOD, TSS, pH	Moisture Content	CHLORIDES																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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Relinquished by: _____ Company: _____ Date: _____ Time: _____ Received by: _____ Company: _____ Date: _____ Time: _____ Temp °C: _____

Relinquished by: KAYLAUD VARNATTA B&R Date: 3/31 Time: 7:00

Relinquished by: _____ Company: _____ Date: _____ Time: _____ Received by: _____ Company: _____ Date: _____ Time: _____ Temp °C: _____

Relinquished by: _____ Company: _____ Date: _____ Time: _____ Received by: _____ Company: _____ Date: _____ Time: _____ Temp °C: _____

Received by: [Signature] Date: 04/05/00 Time: 14 Temp °C: _____

LAB USE ONLYIntact Y / NHeadspace Y / N / NALog-In-Review [Signature]

REMARKS:

- ☐ Dry Weight Basis Required
☐ TRRP Report Required
☐ Check if Special Reporting Limits Are Needed

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

JAN 29 2008

OCD-ARTESIA

Operator Devon Energy Production Company, L.P. Telephone: 505-748-0173 e-mail address: vivian.rodriguez@dvn.com
Address P O. Box 250, Artesia, NM 88210
Facility or well name Indian Hill 6 Federal I API # 30-015-35731 U/L or Qtr/Qtr M Sec 6 T 20S R 28E
County Eddy Latitude _____ Longitude _____ NAD 1927 ☐ 1983 ☐
Surface Owner Federal ☒ State ☐ Private ☐ Indian ☐

Pit	Below-grade tank	
Type: Drilling <input checked="" type="checkbox"/> Production <input type="checkbox"/> Disposal <input type="checkbox"/> Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input checked="" type="checkbox"/> Unlined <input type="checkbox"/> Liner type: Synthetic <input checked="" type="checkbox"/> Thickness <u>12</u> mil Clay <input type="checkbox"/> Pit Volume <u>20,000</u> bbl	Volume: _____ bbl Type of fluid: _____ Construction material: _____ Double-walled, with leak detection? Yes <input 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) XX
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) XX
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 or more, but less than 1000 feet	(10 points)
	1000 feet or more	(0 points) XX
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

We plan to trench bury the drilling pit at the Indian Hill 6 Federal #1 As per rule 50 of the Pit and Below-Grade Tank Guidelines, we will line the trench with 12 mil liner and bury pit contents and liner then cover with 20 mil plastic.
We will cap with 3' of native material capable of supporting native plant growth.
We will contour the pit area to prevent erosion and ponding of rainwater over the site

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: 1/24/08

Printed Name/Title Vivian Rodriguez/Field Tech

Signature

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:

Signature

Signed By

Date

JAN 29 2008

NOTIFY OCD 24 HOURS PRIOR to beginning closure and 24 HOURS PRIOR to obtaining samples. Samples are to be obtained from pit area and analyses submitted to OCD prior to back-filling.

If burial trench is to be constructed in pit area, samples are to be obtained and analyses submitted to OCD PRIOR to lining trench.