



ENVIRONMENTAL PLUS, INC.

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STATE APPROVED LAND FARM AND ENVIRONMENTAL SERVICES

March 10, 2005

Mr. Larry Johnson
Environmental Engineer
New Mexico Oil Conservation Division
1625 North French
Hobbs, New Mexico 88240

Subject: Devon Energy Site Delineation Report and Closure Proposal

Re: Little Kings #3 Drill Pit
UL-K (NE¼ of the SW¼) of Section 17, T22S, R35E
Latitude 32°23'25.6"N and Longitude 103°23'29.3"W
Landowner: State of New Mexico

Driving Directions: From the intersection of NMSRs 8 and 207 in Eunice, New Mexico, go west on 8 for 7.8 miles, then left on NMSR 176 for 9.7 miles, then left on caliche road 4.1 miles then left 1.0 miles, then right 1.1 miles, then left 0.5 miles, then right 0.3 miles, then

Dear Mr. Johnson,

Enclosed, please find two copies of the Devon Energy Site Delineation Report and Closure Proposal for the Little Kings #3 Drill Pit for your consideration. Environmental Plus, Inc. (EPI) is submitting the documentation on behalf of Devon Energy and requests approval of the closure proposal.

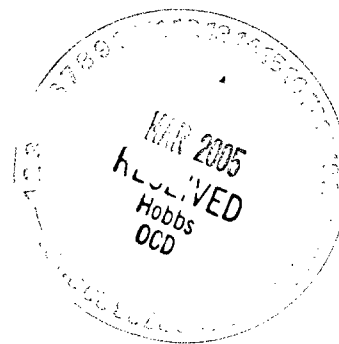
Should there be any questions please call Mr. Cody Miller or myself at the office or at 505.631.8447 and 505.390.7864, respectively or Joe Handley at 505.748.3371. All official communication should be addressed to:

Joe Handley
Devon Energy
PO Box 250
2401 Pecos Avenue
Artesia, New Mexico 88211-0250
e-mail:

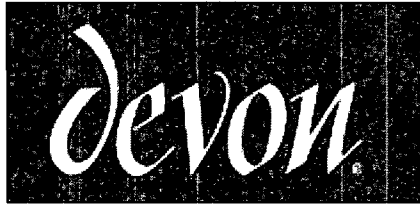
Sincerely,

Pat McCasland
EPI Technical Services Manager

cc: Paul Sheeley, NMOCD, w/enclosure (PSHEELEY@STATE.NM.US)
Joe Handley, Devon Energy, w/enclosure (Joe.Handley@dvn.com)
Cecil Thurmond, Devon Energy, w/enclosure (Cecil.Thurmond@dvn.com)
file



ENVIRONMENTAL PLUS, INC.



1R-13

SITE DELINEATION REPORT AND CLOSURE PROPOSAL

Little Kings #3
Drilling Reserve Pit

UL-K (NE¼ of the SW¼) of Section 17, R35E, T22S
Latitude 32°23'25.6"N and Longitude 103°23'29.3"W
Elevation ~3,560 'amsl

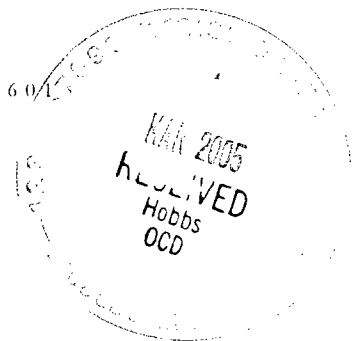
~22 miles west of Eunice, Lea County, New Mexico

Date

March 2005

Prepared by

Environmental Plus, Inc.
2100 Avenue O
P.O. Box 1558
Eunice, New Mexico 88231
Tele 505•394•3481 FAX 505•394•2601
Eddress: enviplus1@aol.com



STANDARD OF CARE

Site Delineation Report and Closure Proposal

Little Kings #3 Drilling Reserve Pit

The information provided in this report was collected consistent with the New Mexico Oil Conservation Division (NMOCD) Guidelines for Remediation of Leaks, Spills and Releases (August 13, 1993), the NMOCD Unlined Surface Impoundment Closure Guidelines (February 1993), and the Environmental Plus, Inc. (EPI) Standard Operating Procedures and Quality Assurance/Quality Control Plan. The conclusions are based on field observations and laboratory analytical reports as presented in the report. Recommendations follow NMOCD guidance and represent the professional opinions of EPI staff. These opinions were arrived at with currently accepted geologic, hydrogeologic and engineering practices at this time and location. The report was prepared or reviewed by a certified or registered EPI professional with a background in engineering, environmental, and/or the natural sciences.

This report was prepared by:



Patrick W. McCasland

Date

This report was reviewed by:

Iain Olness, PG

Date

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1.0 EXECUTIVE SUMMARY

This site is located in UL-K (NE¼ of the SW¼) of Section 17, R35E, T22S at Latitude 32°23'25.6"N and Longitude 103°23'29.3"W, approximately 22 miles west of Eunice, Lea County, New Mexico on property owned by the State of New Mexico. A topographical map is included in Attachment I. The site is a drilling reserve pit used during the drilling of the Devon Energy (Devon) Little Kings #3 well. According to the New Mexico Office of the State Engineer (NMOSE) Water Well Database, groundwater occurs approximately 185 feet below ground surface ('bgs) and is typical of the area east of San Simon Ridge. The area wells are plotted on the topographical map included in Attachment I and the NMOSE database report for T22S-R35E is included in Attachment IV. The nearest down gradient water well, i.e., #00595 (Cotton Well), is located approximately 4,642 feet southeast of the site. The site is located on the south side of a east trending surface drainage approximately 2,940 feet west of a non-perennial playa and is >1,000 horizontal feet from the feature. These site characteristics give the site a "0" point New Mexico Oil Conservation Division (NMOCD) ranking score that applies the following remedial guidelines for the "constituents/contaminants of concern" (CoCs):

CONSTITUENTS/CONTAMINANTS OF CONCERN	REMEDIAL GOAL
Benzene	10 mg/Kg
BTEX (mass sum of benzene, toluene, ethylbenzene, and xylenes)	50 mg/Kg
Total Petroleum Hydrocarbon 8015m (TPH ^{8015m})	5000 mg/Kg
Chloride residuals must not be capable of impacting local water resources above the New Mexico Water Quality Control Commission (WQCC) water quality standard of 250 mg/Liter.	

At the direction of the New Mexico Oil Conservation Division (NMOCD), Devon disposed of the pit contents and contracted Environmental Plus, Inc. (EPI) of Eunice, New Mexico to collect bottom and sidewall samples of the excavated pit to confirm adequate removal. Samples collected on November 1, 2004 determined that the benzene, BTEX, and TPH^{8015m} laboratory results were all less than the method detection limits and considered acceptable. However, the soil chloride residuals remained elevated in the excavation bottom and sidewalls except for the west sidewall (WSW). On November 11, 2004, EPI implemented the Devon Energy Little Kings #3 Pit Delineation Plan that had been verbally approved by the NMOCD on November 9, 2004. The objective of the plan was to delineate the horizontal and vertical extents of chloride impact via the collection of samples from trenches excavated vertically and horizontally out from the sidewalls and vertically in the excavation bottom. The laboratory results delineated the horizontal extents of chloride impact to be as follows:

Sample Location	Feet from Excavation Perimeter	Vertical Sampling Interval	Laboratory Chloride
	feet	'bgs	mg/Kg
East Sidewall North Trench	20'	3'	64
East Sidewall South Trench	15'	8'	288
Bottom Hole West Trench	--	12.6'	14795
Bottom Hole East Trench	--	6'	2655
North Sidewall East Trench	15'	6'	304
North Sidewall West Trench	33'	11'	272
South Sidewall West Trench	10'	7'	256
South Sidewall East Trench	10'	7'	272

The analytical results also indicated that further delineation would be required in the bottom of the excavated drill pit. On February 22, 2005, with the NMOCDs approval, two soil borings were advanced and sampled in the east and west halves of the excavated pit in the areas of the east and west bottom sample trenches. The 8-foot deep drill pit was contoured to allow drilling rig access. Refer to the sample location map included in Attachment I. The analytical results from the west bottom soil boring ranged from 160 mg/Kg at 13'bgs to 208 mg/Kg at 23'bgs. The east bottom soil boring chloride analytical results began with 5,838 mg/Kg at 13'bgs, increased to a maximum concentration of 26,392 mg/Kg at 18'bgs, and diminished to 48 mg/Kg at 38'bgs. These data support the conclusion that local groundwater has not been impacted. Based on the distribution of the chloride source term identified in the bottom and beyond the pit perimeter it is estimated that the volume of soil impacted above 250 mg/Kg chloride is 6,281 cubic yards (yd³).

As an alternative to total removal, Devon proposes to isolate the impacted soil from the environment with a properly installed and configured 40 mil polyethylene liner at approximately 4-feet below the surface and cover with clean soil. This "barrier" will interrupt the vertical transport mechanism whereby the chloride source term could leach to groundwater, preclude upward flux of the chloride residuals that could impede revegetation and longtime vigor of the plants, and will be constructed to shed infiltrating precipitation away from the impacted soil thus precluding any down gradient surficial impacts. Even though the initial pit liner used during drilling the well has been removed, this process will effectively isolate the chloride source term and prevent future impacts to the local groundwater.

The procedure will be to excavate the impacted soil located beyond the current excavation perimeter down to a depth of 6'bgs and spread into a compacted 3.67-foot thick lift in the bottom of the 8-foot deep excavated pit. The lift will represent approximately 1,484 cubic yards of impacted soil. To confirm adequate lateral removal of the perimeter soil and establishment of a 4-foot clean buffer, chloride samples will be collected from the sides of the perimeter excavation and from the bottom at point 4 lateral feet from the sides. This should confirm adequate removal and establishment of the 4-foot clean buffer. The impacted soil lift will be contoured to a 1:1.2 grade from the center to conduct infiltrating precipitation to the clean buffer zone. A diagram of the proposed excavation and liner installation is included in Attachment I.

Devon will implement this proposed plan upon NMOCD approval and will ensure that the NMOCD Hobbs office is notified at least 48 hours prior to construction activities, sampling, or liner installation.

2.0 ENVIRONMENTAL MEDIA CHARACTERIZATION

Chemical parameters of the soil and ground water were characterized consistent with the characterization and remediation/abatement goals and objectives set forth in the NMOCD guidelines published in the following documents:

- Pit and Below-Grade Tank Guidelines (November 1, 2004)
- Guidelines for Remediation of Leaks, Spills and Releases (August 13, 1993)
- Unlined Surface Impoundment Closure Guidelines (February 1993)

Acceptable thresholds for **contaminants/constituents of concern** (CoCs), i.e., TPH, chloride, benzene, and BTEX, i.e., the mass sum of benzene, toluene, ethylbenzene, and total xylenes, will be determined based on the NMOCD Ranking Criteria as follows:

- Depth to Ground water, i.e., distance from the lower most acceptable concentration to the ground water,
- Wellhead Protection Area, i.e., distance from fresh water supply wells, and
- Distance to Surface Water Body, i.e., horizontal distance to all down gradient surface water bodies.

2.1 GEOLOGICAL DESCRIPTION

The United States Geological Survey (USGS) Ground-Water Report 6, "Geology and Ground-Water Conditions in Southern Lea County, New Mexico," (A. Nicholson and A. Clebsch, 1961), describes the near surface geology of southern Lea County as an intergrade of the Quaternary Alluvium (QA) sediments, i.e., fine to medium sand, with the mostly eroded Cenozoic Ogallala (CO) formation. Typically, the QA and CO formations in the area are capped by a thick interbed of caliche.

2.2 ECOLOGICAL DESCRIPTION

The area is typical of the Upper Chihuahuan Desert Biome consisting primarily of hummocky sand hills covered with Harvard Shin Oak (*Quercus harvardi*) interspersed with Honey Mesquite (*Prosopis glandulosa*) along with typical desert grasses and weeds. Mammals represented, include Orrd's and Merriam's Kangaroo Rat, Deer Mouse, White Throated Wood Rat, Cottontail Rabbit, Black Tailed Jackrabbit, and the Mule Deer. Reptiles, Amphibians, and Birds are numerous and typical of area. A survey of Listed, Threatened, or Endangered species was not conducted.

2.3 AREA GROUND WATER

According to the New Mexico Office of the State Engineer Groundwater Well Database, groundwater occurs at approximately 185'bg and is consistent with the USGS Report #6. The ground water elevation decreases generally to the southeast.

2.4 AREA WATER WELLS

The New Mexico Office of the State Engineer database shows four water wells in the area; however all are more than 1,000 feet from the site. Well #00753 is located approximately 3 miles east in Section 14 with a 1990 water level of approximately 185' bgs.

Groundwater Level Data									
Well Number	Tws	Rng	Sec	Easting	Northing	Date	Well	Water	Relative to Site
CP 00593 DCL	22S	35E	6	650479	3587383			na	9,400 ft north
CP 00594 DCL	22S	35E	34	654607	3580615			na	
CP 00595 DCL	22S	35E	20	652145	3583793			na	4,642 ft southeast
CP 00753	22S	35E	14	656947	3585482	7/18/1990	215	185	~3 miles east

Source: New Mexico Office of the State Engineer Database

2.5 AREA SURFACE WATER BODIES

The site is located on the south side of a east trending surface drainage approximately 2,940 feet west of a non-perennial playa and is >1,000 horizontal feet from the feature (reference Attachment I).

3.0 NMOCD SITE RANKING

Based on the proximity of the site to protectable area water wells, surface water bodies, and depth to ground water, the site has an NMOCD ranking score of "0" points with the soil remedial goals highlighted below in the Site Ranking Matrix.

1. Ground Water		2. Wellhead Protection Area		3. Distance to Surface Water Body	
If Depth to GW <50 feet: 20 points		If <1000' from water source, or; <200' from private domestic water source: 20 points		<200 horizontal feet: 20 points	
If Depth to GW 50 to 99 feet: 10 points				200-100 horizontal feet: 10 points	
If Depth to GW >100 feet: 0 points		If >1000' from water source, or; >200' from private domestic water source: 0 points		>1000 horizontal feet: 0 points	
Ground water Score = 0		Wellhead Protection Area Score= 0		Surface Water Score= 0	
Site Rank (1+2+3) = 0 + 0 + 0 = 0 points					
Total Site Ranking Score and Acceptable Remedial Goal Concentrations					
Parameter	>19	10-19		0-9	
Benzene ¹	10 ppm	10 ppm		10 ppm	
BTEX ¹	50 ppm	50 ppm		50 ppm	
TPH	100 ppm	1000 ppm		5000 ppm	

4.0 SOIL INVESTIGATION ACTIVITIES

Devon retained Environmental Plus, Inc. (EPI) of Eunice, New Mexico to collect bottom and sidewall samples of the excavated pit to confirm adequate removal. Samples collected on November 1, 2004 determined that the benzene, BTEX, and TPH^{8015m} laboratory results were all less than the method detection limits and considered acceptable. However, the soil chloride residuals remained elevated in the excavation bottom and sidewalls except for the west sidewall (WSW). On

November 11, 2004, EPI implemented the Devon Energy Little Kings #3 Pit Delineation Plan that had been verbally approved by the NMOCD on November 9, 2004. The objective of the plan was to delineate the horizontal and vertical extents of chloride impact via the collection of samples from trenches excavated vertically and horizontally out from the sidewalls and vertically in the excavation bottom (refer to sample location map included in Attachment I). The laboratory results delineated the horizontal extents of chloride impact to be as follows:

Sample Location	Feet from Excavation Perimeter	Vertical Sampling Interval	Laboratory Chloride
	feet	'bgs	mg/Kg
East Sidewall North Trench	20'	3'	64
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The analytical results also indicated that further delineation would be required in the bottom of the excavated drill pit. On February 22, 2005, with the NMOCDs approval, two soil borings were advanced and sampled in the east and west halves of the excavated pit in the areas of the east and west bottom sample trenches. The 8-foot deep drill pit was contoured to allow drilling rig access. Refer to the sample location map included in Attachment I. The analytical results from the west bottom (BHSBW) soil boring ranged from 160 mg/Kg at 13'bgs to 208 mg/Kg at 23'bgs. The east bottom soil boring (BHSBE) chloride analytical results began with 5,838 mg/Kg at 13'bgs, increased to a maximum concentration of 26,392 mg/Kg at 18'bgs, and diminished to 48 mg/Kg at 38'bgs. These data support the conclusion that local groundwater has not been impacted. Based on the distribution of the chloride source term identified in the bottom and beyond the pit perimeter it is estimated that the volume of soil impacted above 250 mg/Kg chloride is 6,281 cubic yards (yd³). The site map included in Attachment I illustrates the horizontal distribution of the impacted soil. The analytical information is summarized and illustrated and the laboratory reports provided in Attachment III.

5.0 GROUNDWATER INVESTIGATION

The soil investigation does not indicate ground water impact in excess of the WQCC standards and therefore does not warrant a groundwater investigation.

6.0 REMEDIATION PROPOSAL

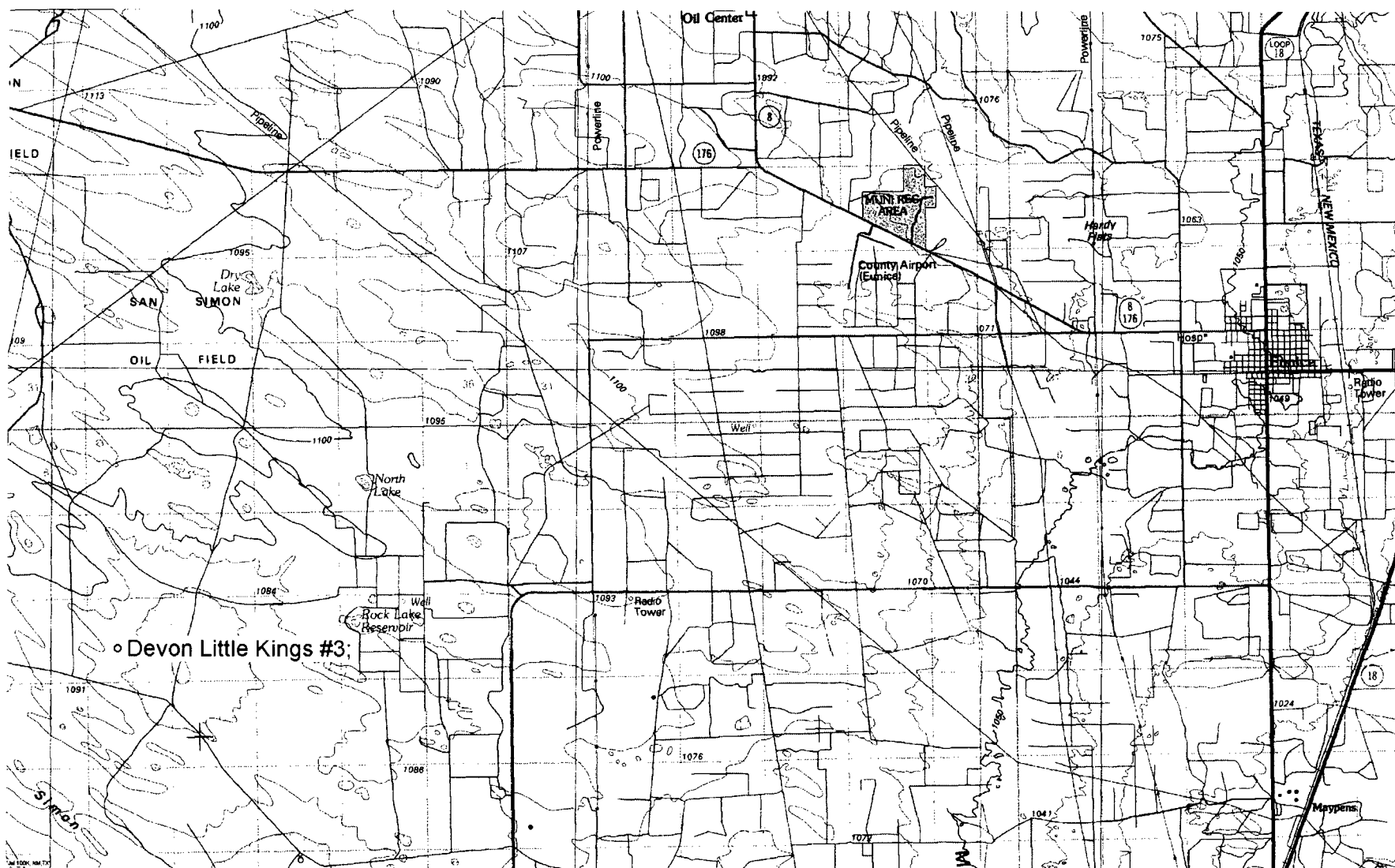
As an alternative to total removal of 6,281 yd³ of soil, Devon proposes to isolate the impacted soil from the environment with a properly installed and configured 40 mil polyethylene liner at approximately 4-feet below the surface and cover with clean soil. This "barrier" will interrupt the vertical transport mechanism whereby the chloride source term could leach to groundwater and preclude upward flux of the chloride residuals that could impede revegetation of the surface and longterm vigor of the plants. The excavation bottom over which the liner will be installed

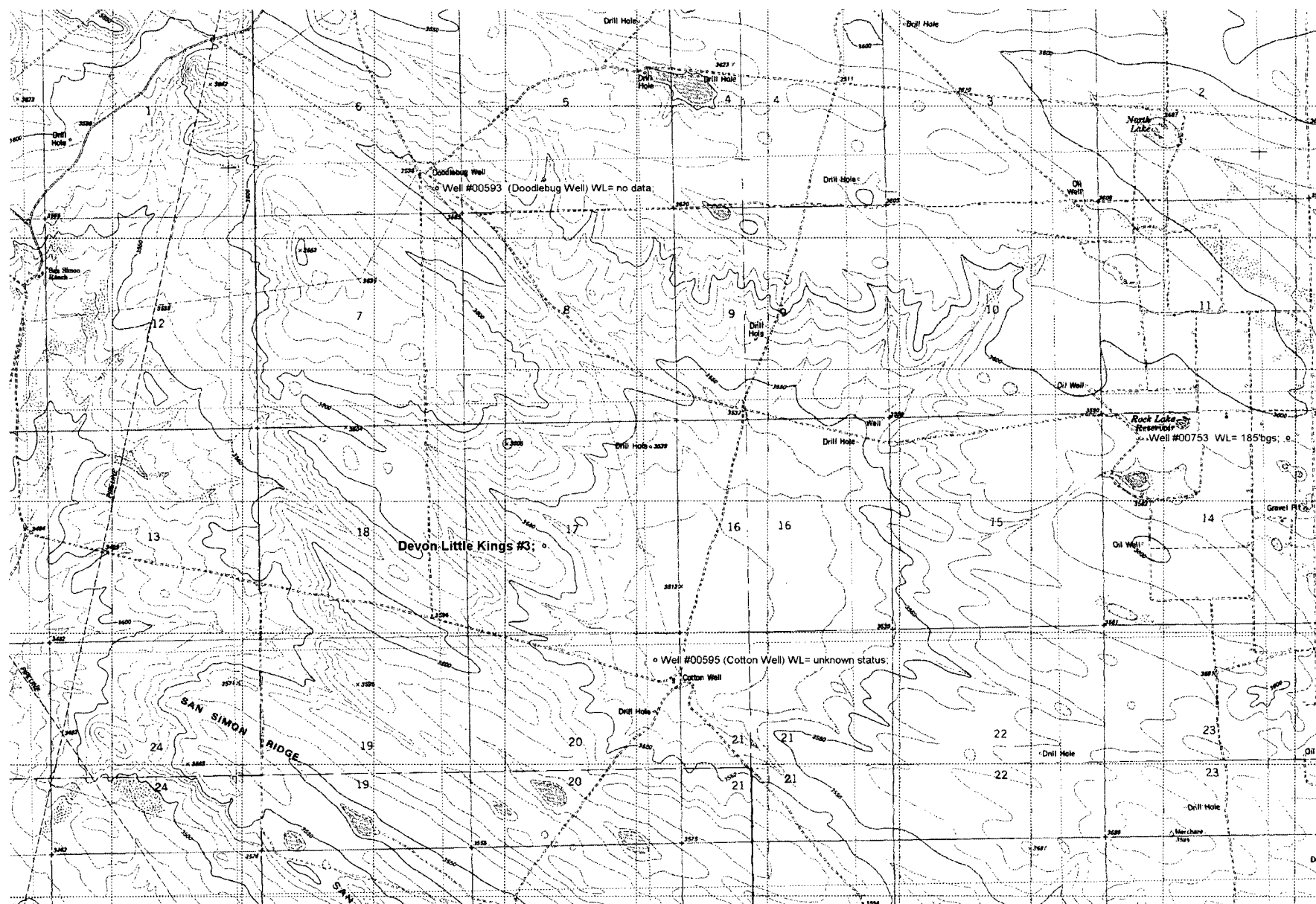
will be contoured to shed infiltrating precipitation away from the impacted soil thus precluding any down gradient surficial impacts. Even though the initial pit liner used during drilling the well has been removed, this process will effectively isolate the chloride source term and prevent future impacts to the local groundwater.

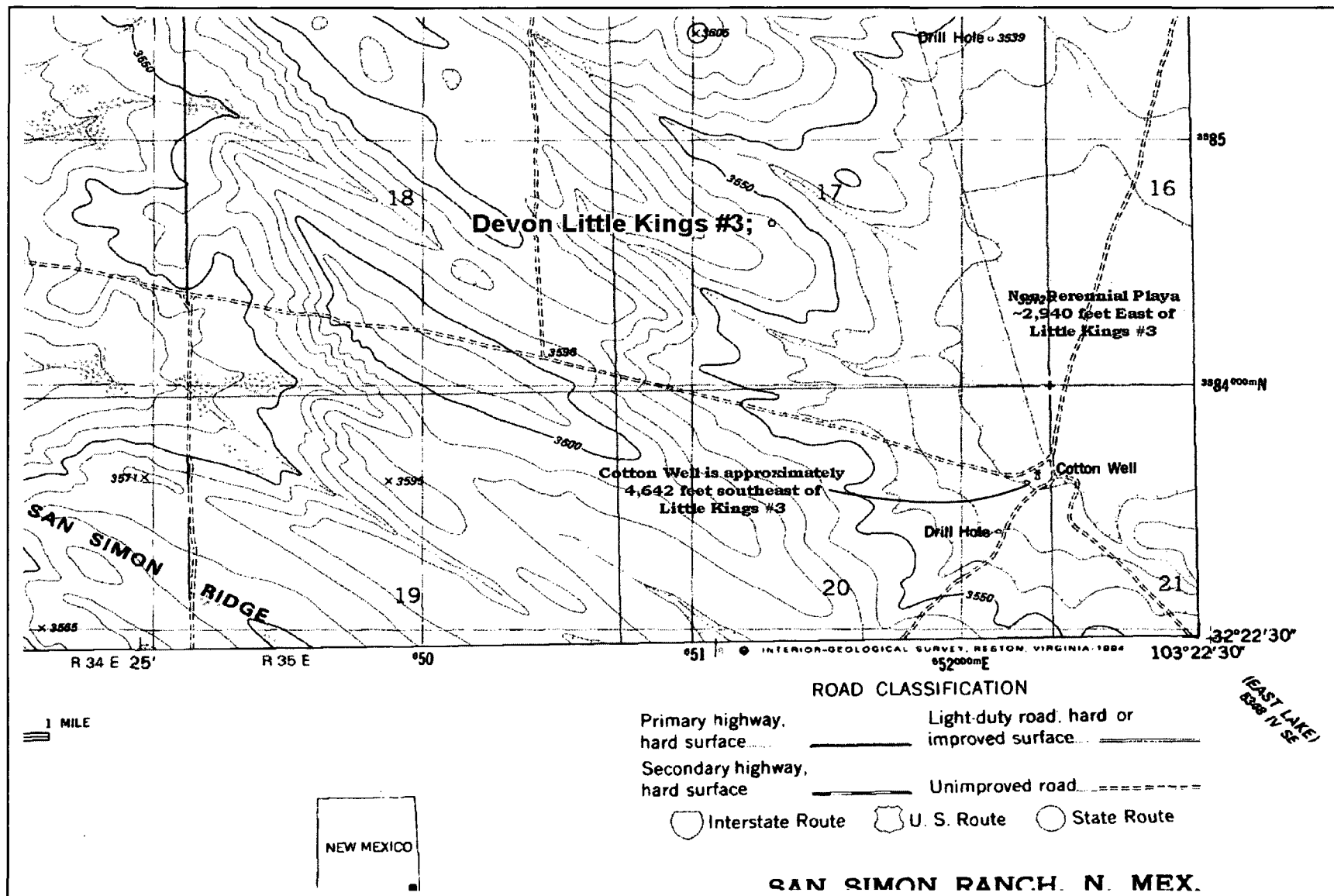
The procedure will be to excavate the impacted soil located beyond the current excavation perimeter down to a depth of 6' bgs and spread into a compacted 3.67-foot thick lift in the bottom of the 8-foot deep excavated pit. The lift will represent approximately 1,484 cubic yards of impacted soil. To confirm adequate lateral removal of the perimeter soil and establishment of a 4-foot clean buffer, chloride samples will be collected from the sides of the perimeter excavation and from the bottom at points 4 lateral feet from the sides. This should confirm adequate removal and establishment of the 4-foot clean buffer. The center of the impacted soil lift will be approximately 1-foot higher than the clean buffer zone perimeter to ensure infiltrating precipitation will be shed to the perimeter. The liner will be cushioned above and below with a 6-inch thick layer of sand or a felt backed geotextile liner to protect it from abrasion and puncture. The final dimensions of the lined excavation will be approximately 17,976 ft². A diagram of the proposed excavation and liner installation is included in Attachment I. After the liner is installed and cushioned, the excavation will be brought to grade with clean soil, contoured to the nature grade, and reseeded with a seed blend agreeable to the landowner.

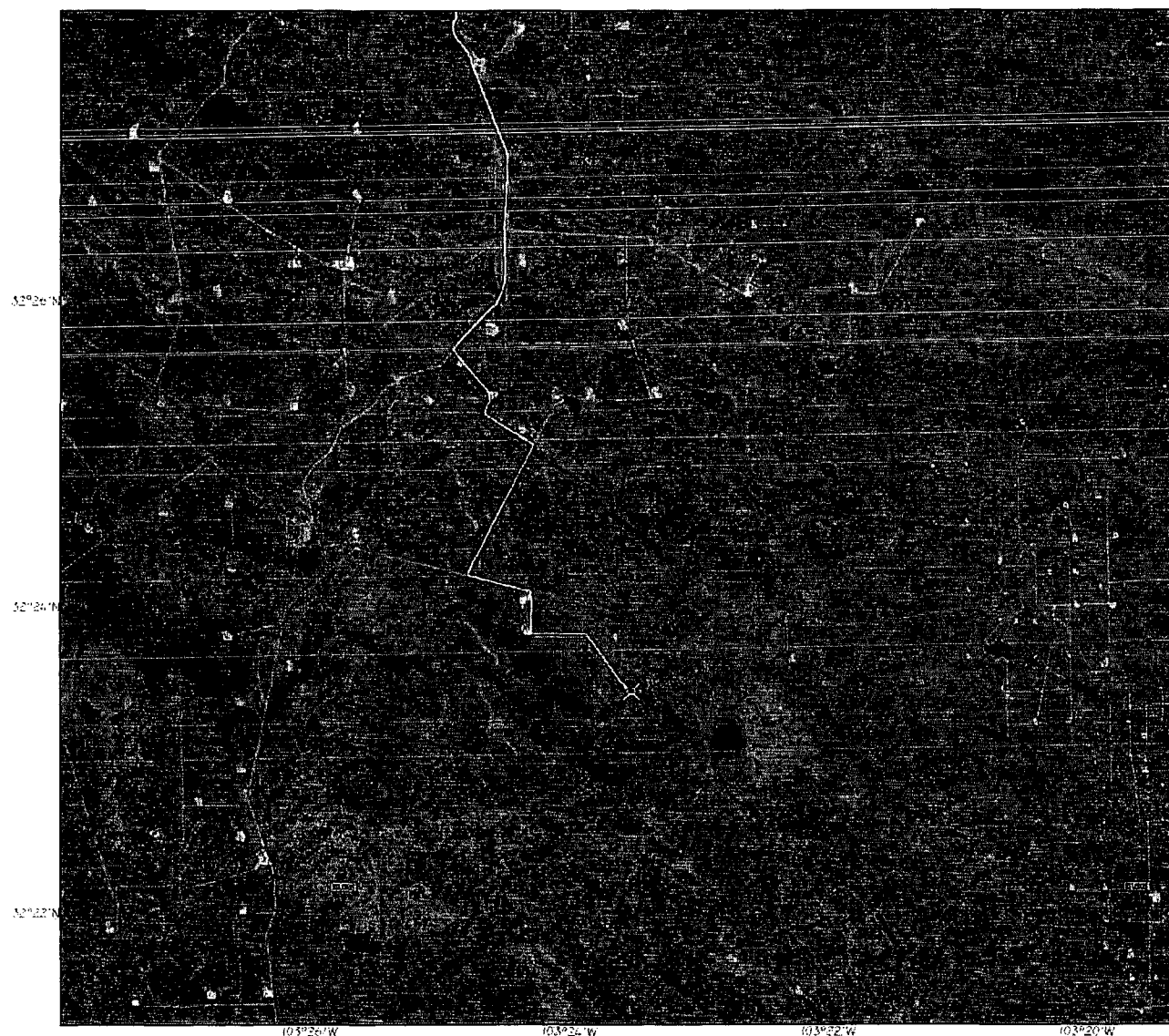
Devon will implement this proposed plan upon NMOCD approval and will ensure that the NMOCD Hobbs office is notified at least 48 hours prior to construction activities, sampling, or liner installation. Following implementation, a summary report documenting these closure activities will be submitted to the NMOCD requesting that "no further action" be required at the site.

ATTACHMENT I: SITE MAPS









DEVON ENERGY
LITTLE KINGS
#3
RESERVE PIT.
UL-K SEC 17
T22S R35E
LEA CO NM



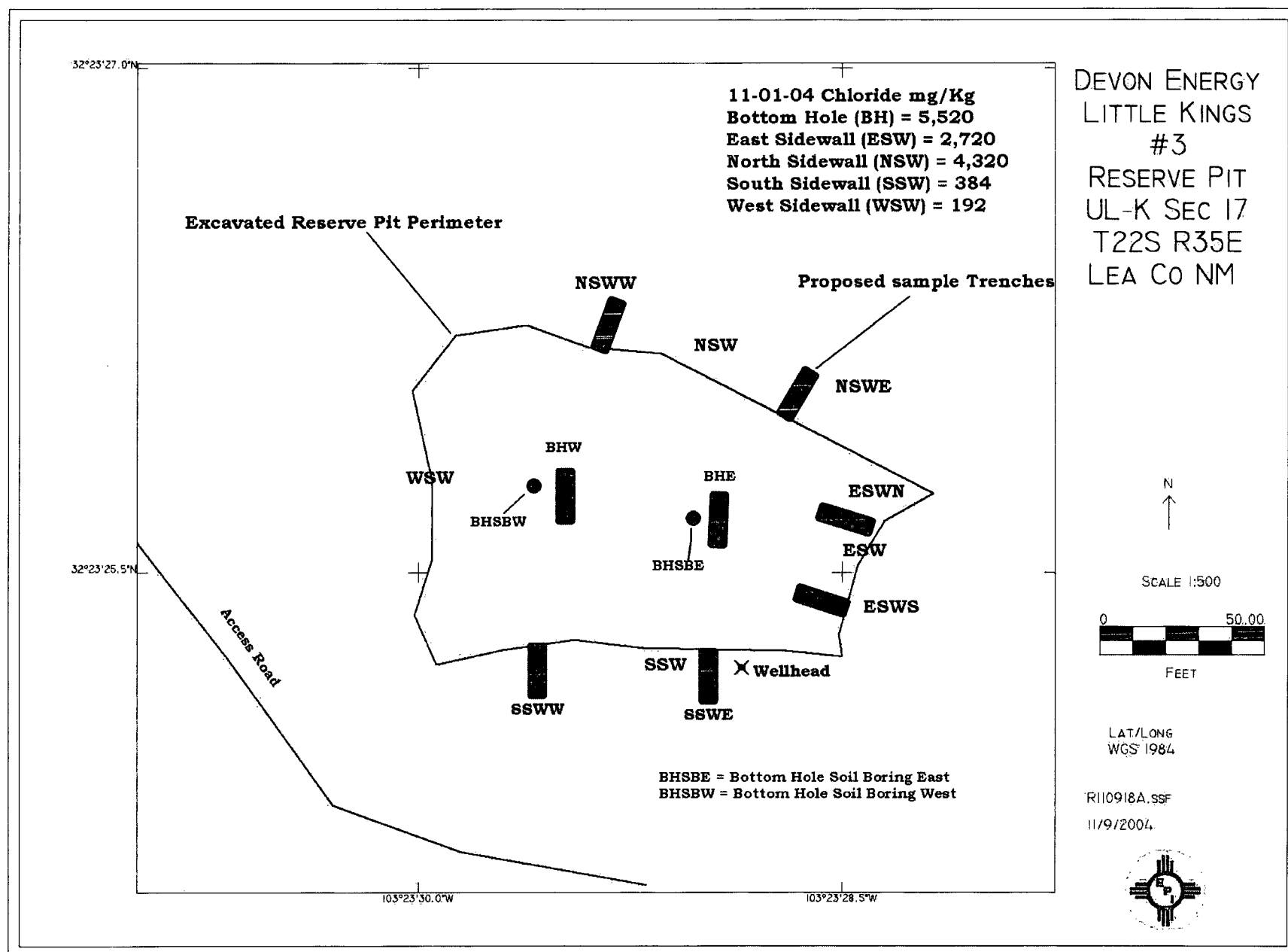
SCALE 1:80,000

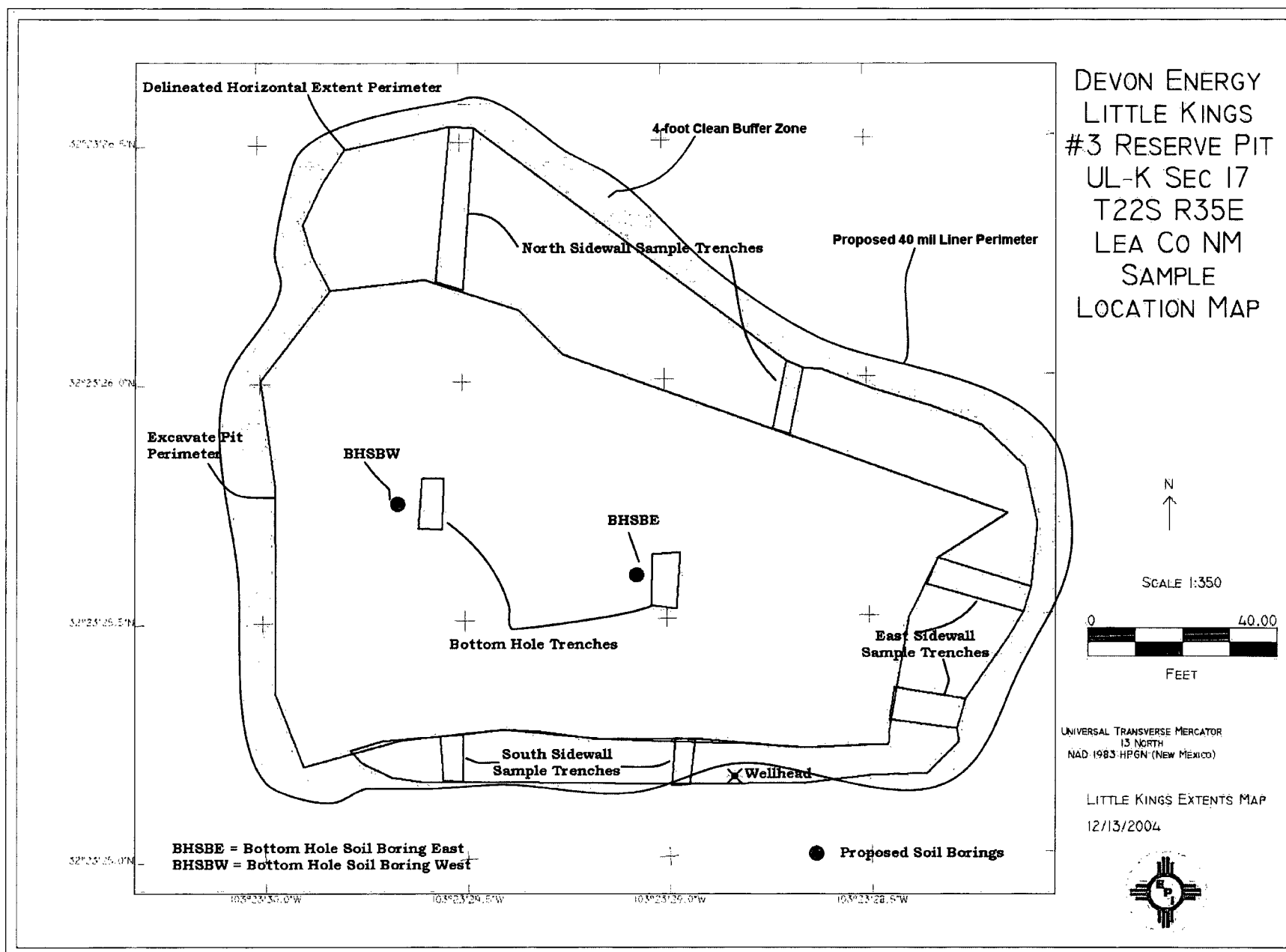


UNIVERSAL TRANSVERSE MERCATOR
13 NORTH
NAD 1983:HPGN (NEW MEXICO)

LITTLE KINGS EXTENTS MAP.SSF
12/12/2004

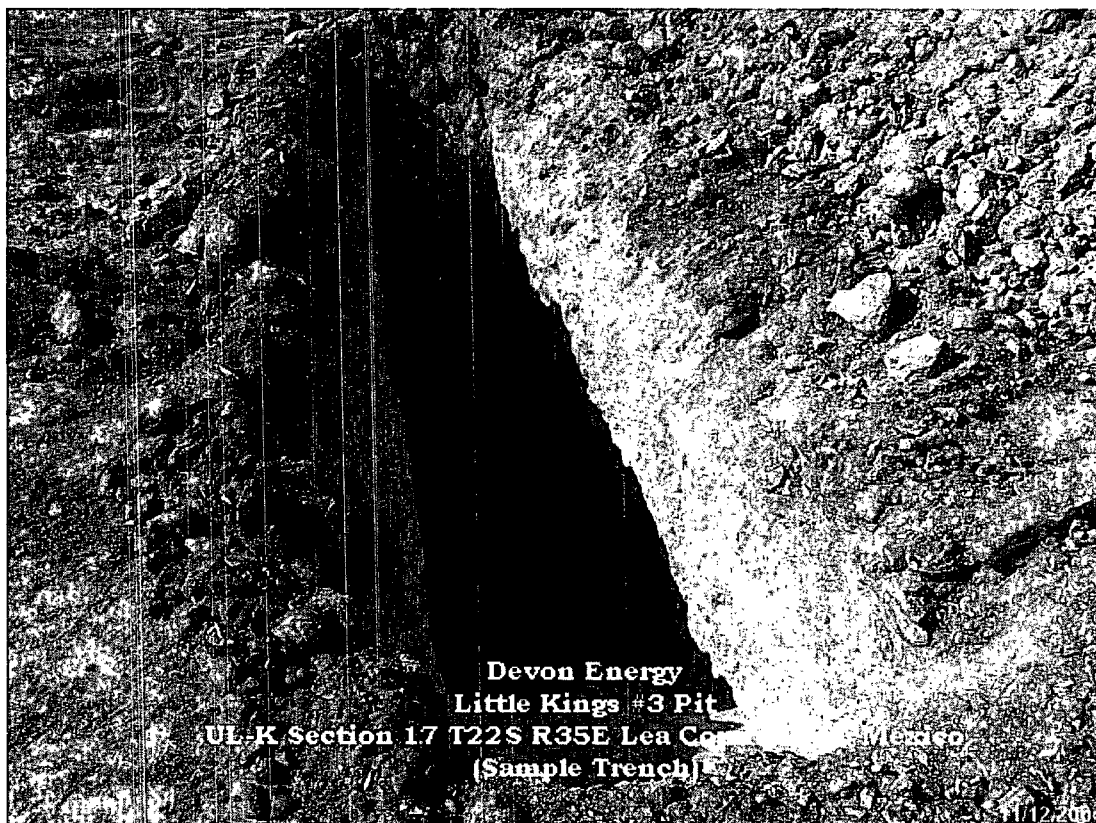






ATTACHMENT II: PHOTOGRAPHS





ATTACHMENT III: ANALYTICAL REPORTS AND SUMMARY

Devon Energy Little Kings #3 Drilling Reserve Pit Delineation Information															
Sample Location	Description	Feet from Excavation Perimeter	Vertical Sampling Interval (FT. BGS ¹)	SAMPLE ID#	Date	GRO ³	DRO ⁴	TPH ⁵	BTEX	Benzene	Toluene	Ethylbenzene	m,p, & o Xylene	Field Chloride	Laboratory Chloride
						mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
East Sidewall	East Sidewall Composite	0	0-5	SDLK110104ESW	11/1/2004	<10.0	<10.0	<10.0	<0.015	<0.005	<0.005	<0.005	<0.005	na	2720
	North Trench	20' East	3	ESWN 3-20	11/12/2004	<10.0	<10.0	<10.0	<0.015	<0.005	<0.005	<0.005	<0.015	240	64
	South Trench	10' East	2	ESWS2-10	11/12/2004	na	na	na	na	na	na	na	na	4000	11596
		15' East	4	ESWS4-15	11/12/2004	na	na	na	na	na	na	na	na	520	656
			8	ESWS8-15	11/12/2004	<10.0	<10.0	<10.0	<0.015	<0.005	<0.005	<0.005	<0.015	240	288.
Excavation Bottom	Bottom Composite	0	5	SDLK110104BH	11/1/2004	<10.0	<10.0	<10.0	<0.015	<0.005	<0.005	<0.005	<0.005	na	5520
	West Trench	0	3	BHW 3	11/11/2004	na	na	na	na	na	na	na	na	6800	10797 ⁶
		0	6	BHW6	11/11/2004	na	na	na	na	na	na	na	na	2000	14076 ⁶
		0	9	BHW 9	11/11/2004	na	na	na	na	na	na	na	na	4000	15995 ⁶
		0	13	BHW 12.6	11/11/2004	na	na	na	na	na	na	na	na	8000	14795 ⁶
	East Trench	0	3	BHE 3	11/11/2004	na	na	na	na	na	na	na	na	2000	2031
		0	6	BHE 6	11/11/2004	na	na	na	na	na	na	na	na	4000	2655
		0	9	BHE 9	11/11/2004	na	na	na	na	na	na	na	na	4000	na
		0	9	BHE 9	11/11/2004	na	na	na	na	na	na	na	na	4000	na
	North Sidewall Composite	0	0-5	SDLK110104NSW	11/1/2004	<10.0	<10.0	<10.0	<0.015	<0.005	<0.005	<0.005	<0.005	na	4320
North Sidewall	East Trench	6' North	3	NSWE 3-6	11/11/2004	na	na	na	na	na	na	na	na	na	704
		15' North	6	NSWE 6-15	11/11/2004	<10.0	<10.0	<10.0	<0.015	<0.005	<0.005	<0.005	<0.015	320	304
	West Trench	25' North	3	NSWW 3-25	11/12/2004	na	na	na	na	na	na	na	na	1600	na
			7	NSWW 7-25	11/12/2004	na	na	na	na	na	na	na	na	1600	1887
			8	NSWW 8-25	11/12/2004	na	na	na	na	na	na	na	na	na	848
			11	NSWW 11-25	11/12/2004	na	na	na	na	na	na	na	na	4000	13196
		30' North	6	NSWW 6-30	11/12/2004	na	na	na	na	na	na	na	na	na	3359
			11	NSWW 11-30	11/12/2004	na	na	na	na	na	na	na	na	480	608
			2	NSWW 2-33	11/12/2004	na	na	na	na	na	na	na	na	na	2319
		33' North	7	NSWW 7-33	11/12/2004	na	na	na	na	na	na	na	na	180	na
			9	NSWW 9-33	11/12/2004	na	na	na	na	na	na	na	na	200	736
			11	NSWW 11-33	11/12/2004	<10.0	<10.0	<10.0	<0.015	<0.005	<0.005	<0.005	<0.015	na	272
South Sidewall	South Sidewall Composite	0	0-5	SDLK110104SSW	11/1/2004	<10.0	<10.0	<10.0	<0.015	<0.005	<0.005	<0.005	<0.005	na	384
	West Trench	5' South	3	SSWW 3-5	11/11/2004	na	na	na	na	na	na	na	na	400	1328
		10' South	7	SSWW 7-10	11/11/2004	<10.0	<10.0	<10.0	<0.015	<0.005	<0.005	<0.005	<0.015	180	256
	East Trench	6' South	3	SSWE 3-6	11/11/2004	na	na	na	na	na	na	na	na	400	960
		10' South	7	SSWE 7-10	11/11/2004	<10.0	<10.0	<10.0	<0.015	<0.005	<0.005	<0.005	<0.015	200	272
West Sidewall	West Sidewall Composite	0	0-5	SDLK110104WSW	11/1/2004	<10.0	<10.0	<10.0	<0.015	<0.005	<0.005	<0.005	<0.005	na	192
Background Sample	South	300' South	3	Background	11/11/2004	na	na	na	na	na	na	na	na	80	
New Mexico Oil Conservation Division Site Remedial Goals															
								5000	50	10					WQCC ⁷

¹bgs - below ground surface

³GRO-Gasoline Range Organics C₆-C₁₀

⁴DRO-Diesel Range Organics C₁₀-C₃₅

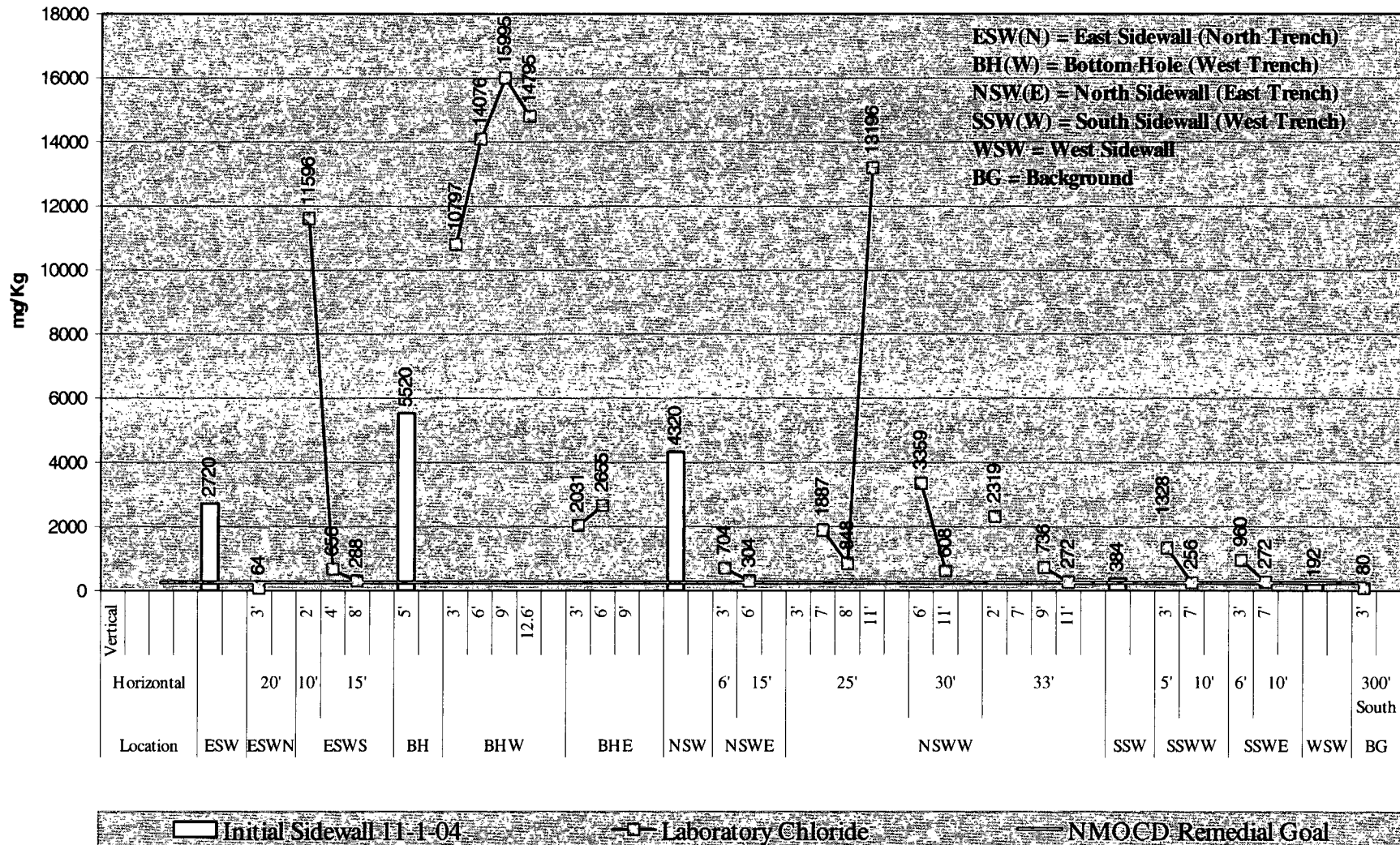
⁵TPH-Total Petroleum Hydrocarbon = GRO+DRO.

⁶Bolded values are in excess of the New Mexico Oil Conservation Division guideline threshold for the parameter

⁷Soil chloride residuals must not be capable of impacting groundwater or surface water above Water Quality Control Commission (WQCC) standard of 250 mg/L.

⁸na - not analyzed

Devon Little Kings #3 Chloride Delineation



Devon Energy
Little Kings #3 Drilling Reserve Pit Delineation Information

Sample Location	Vertical Sampling Interval (ft. BGS ¹)	SAMPLE ID#	Date	GRO ³	DRO ⁴	TPH ⁵	BTEX	Benzene	Toluene	Ethylbenzene	m,p, & o Xylene	Field Chloride	Laboratory Chloride
				mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Bottom Hole Soil Boring East	13	DELK32-22-05BHSBE-5'	2/22/2005	na	na	na	na	na	na	na	na	3200	5838
	18	DELK32-22-05BHSBE-10'	2/22/2005	na	na	na	na	na	na	na	na	3400	26392
	23	DELK32-22-05BHSBE-15'	2/22/2005	na	na	na	na	na	na	na	na	2700	13196
	28	DELK32-22-05BHSBE-20'	2/22/2005	na	na	na	na	na	na	na	na	2800	7038
	33	DELK32-22-05BHSBE-25'	2/22/2005	na	na	na	na	na	na	na	na	300	96
	38	DELK32-22-05BHSBE-30'	2/22/2005	na	na	na	na	na	na	na	na	200	48
Bottom Hole Soil Boring West	13	DELK32-22-05BHSBW-5'	2/22/2005	na	na	na	na	na	na	na	na	380	160
	18	DELK32-22-05BHSBW-10'	2/22/2005	na	na	na	na	na	na	na	na	380	192
	23	DELK32-22-05BHSBW-15'	2/22/2005	na	na	na	na	na	na	na	na	380	208
Background Sample 300'southwest	3	DELK32-22-05BG	2/22/2005	na	na	na	na	na	na	na	na	400	48
New Mexico Oil Conservation Division Site Remedial Goals						5000	50	10					WQCC ⁷

¹bgs – below ground surface

³GRO-Gasoline Range Organics C₆-C₁₀

⁴DRO-Diesel Range Organics C₁₀-C₃₅

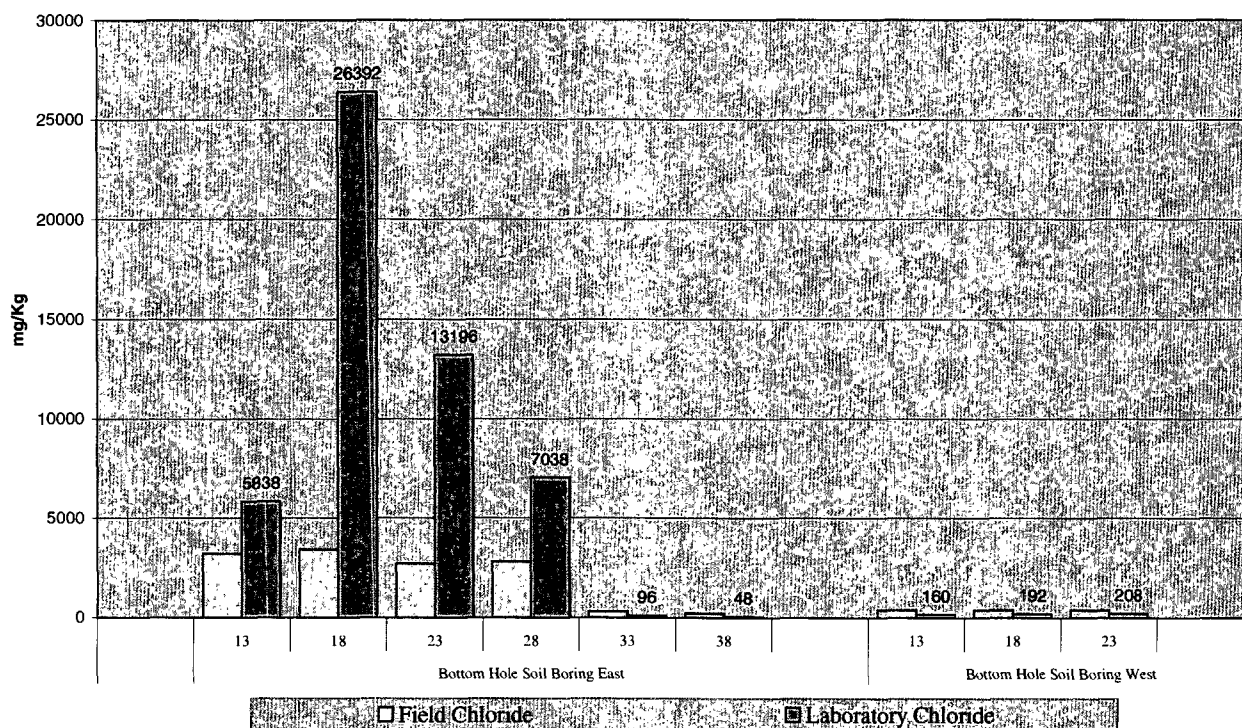
⁵TPH-Total Petroleum Hydrocarbon = GRO+DRO.

⁶Bolded values are in excess of the New Mexico Oil Conservation Division guideline threshold for the parameter

⁷Soil chloride residuals must not be capable of impacting groundwater or surface water above Water Quality Control Commission (WQCC) standard of 250 mg/L.

⁸na - not analyzed

Devon
Little Kings #3
Chloride Delineation





PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
 ENVIRONMENTAL PLUS, INC.
 ATTN: PAT McCASLAND/IAIN OLNESS
 P.O. BOX 1558
 EUNICE, NM 88231
 FAX TO: (505) 394-2601

Receiving Date: 11/01/04
 Reporting Date: 11/04/04
 Project Owner: DEVON ENERGY
 Project Name: LITTLE KINGS #3
 Project Location: NOT GIVEN

Sampling Date: 11/01/04
 Sample Type: SOIL
 Sample Condition: COOL & INTACT
 Sample Received By: BC
 Analyzed By: BC/AH

LAB NUMBER	SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/Kg)	DRO (C ₁₀ -C ₂₈) (mg/Kg)	CI* (mg/Kg)
ANALYSIS DATE		11/01/04	11/01/04	11/02/04
H9309-1	SDLK110104BH	<10.0	<10.0	5520
H9309-2	SDLK110104ESW	<10.0	<10.0	2720
H9309-3	SDLK110104NSW	<10.0	<10.0	4320
H9309-4	SDLK110104SSW	<10.0	<10.0	384
H9309-5	SDLK110104WSW	<10.0	<10.0	192
Quality Control		740	802	1010
True Value QC		800	800	1000
% Recovery		92.6	100	101
Relative Percent Difference		2.3	1.5	1.0

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; CI: Std. Methods 4500-CI/B

*Analyses performed on 1:4 w:v aqueous extracts.

Bryan J. Cochrane
 Chemist

11/4/04
 Date

H9309A.XLS

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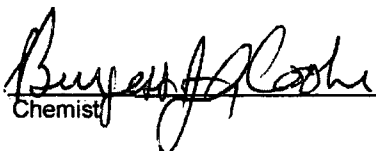
ANALYTICAL RESULTS FOR
 ENVIRONMENTAL PLUS, INC.
 ATTN: PAT McCASLAND/IAIN OLNESS
 P.O. BOX 1558
 EUNICE, NM 88231
 FAX TO: (505) 394-2601

Receiving Date: 11/01/04
 Reporting Date: 11/04/04
 Project Owner: DEVON ENERGY
 Project Name: LITTLE KINGS #3
 Project Location: NOT GIVEN

Sampling Date: 11/01/04
 Sample Type: SOIL
 Sample Condition: COOL & INTACT
 Sample Received By: BC
 Analyzed By: BC

LAB NUMBER	SAMPLE ID	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS DATE		11/01/04	11/01/04	11/01/04	11/01/04
H9309-1	SDLK110104BH	<0.005	<0.005	<0.005	<0.015
H9309-2	SDLK110104ESW	<0.005	<0.005	<0.005	<0.015
H9309-3	SDLK110104NSW	<0.005	<0.005	<0.005	<0.015
H9309-4	SDLK110104SSW	<0.005	<0.005	<0.005	<0.015
H9309-5	SDLK110104WSW	<0.005	<0.005	<0.005	<0.015
Quality Control		0.098	0.102	0.102	0.315
True Value QC		0.100	0.100	0.100	0.300
% Recovery		98.2	102	102	105.00
Relative Percent Difference		1.6	1.7	2.4	4.7

METHOD: EPA SW-846 8260


 Chemist

11/4/04
 Date

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ANALYTICAL RESULTS FOR
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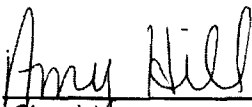
Receiving Date: 11/15/04
Reporting Date: 11/16/04
Project Owner: DEVON ENERGY
Project Name: LITTLE KING 3
Project Location: NOT GIVEN

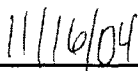
Analysis Date: 11/16/04
Sampling Date: 11/11/04
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: AH

LAB NUMBER	SAMPLE ID	Cl ⁻ (mg/Kg)
H9346-1	BHE 3	2031
H9346-2	BHE 6	2655
H9346-3	BHW 3	10797
H9346-4	BHW 6	14076
H9346-5	BHW 9	15995
H9346-6	BHW 12.6	14795
H9346-7	SSWE 3-6	960
H9346-8	SSWW 3-5	1328
H9346-9	NSWE 3-6	704
Quality Control		1010
True Value QC		1000
% Recovery		101
Relative Percent Difference		0

METHOD: Standard Methods	4500-ClB
--------------------------	----------

Note: Analyses performed on 1:4 w:v aqueous extracts.


Chemist


Date

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h9346

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ANALYTICAL RESULTS FOR
ENVIRONMENTAL PLUS, INC.

ATTN: PAT McCASLAND

P.O. BOX 1558

EUNICE, NM 88231

FAX TO: (505) 394-2601

Receiving Date: 11/15/04

Reporting Date: 11/16/04

Project Owner: DEVON

Project Name: LITTLE KINGS #3

Project Location: NOT GIVEN

Sampling Date: 11/11/04

Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: BC

Analyzed By: BC/AH

LAB NUMBER	SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/Kg)	DRO (>C ₁₀ -C ₂₈) (mg/Kg)	Cl* (mg/Kg)
ANALYSIS DATE		11/15/04	11/15/04	11/16/04
H9345-1	SSWE 7-10	<10.0	<10.0	272
H9345-2	SSWW 7-10	<10.0	<10.0	256
H9345-3	NSWE 6-15	<10.0	<10.0	304
H9345-4	NSWW 11-33	<10.0	<10.0	736
H9345-5	ESWN 3-20	<10.0	<10.0	64
H9345-6	ESWS 8-15	<10.0	<10.0	288
Quality Control		791	795	1010
True Value QC		800	800	1000
% Recovery		98.9	99.4	101
Relative Percent Difference		3.4	2.9	0.0

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; Cl*: Std. Methods 4500-Cl*B

*Analyses performed on 1:4 w:v aqueous extracts.


 Chemist


 Date

H9345A.XLS

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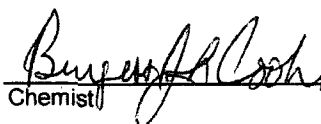
ANALYTICAL RESULTS FOR
 ENVIRONMENTAL PLUS, INC.
 ATTN: PAT McCASLAND
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 FAX TO: (505) 394-2601

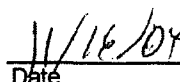
Receiving Date: 11/15/04
 Reporting Date: 11/16/04
 Project Owner: DEVON
 Project Name: LITTLE KINGS #3
 Project Location: NOT GIVEN

Sampling Date: 11/11/04
 Sample Type: SOIL
 Sample Condition: COOL & INTACT
 Sample Received By: BC
 Analyzed By: BC

LAB NUMBER	SAMPLE ID	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS DATE		11/15/04	11/15/04	11/15/04	11/15/04
H9345-1	SSWE 7-10	<0.005	<0.005	<0.005	<0.015
H9345-2	SSWW 7-10	<0.005	<0.005	<0.005	<0.015
H9345-3	NSWE 6-15	<0.005	<0.005	<0.005	<0.015
H9345-4	NSWW 11-33	<0.005	<0.005	<0.005	<0.015
H9345-5	ESWN 3-20	<0.005	<0.005	<0.005	<0.015
H9345-6	ESWS 8-15	<0.005	<0.005	<0.005	<0.015
Quality Control		0.103	0.092	0.098	0.311
True Value QC		0.100	0.100	0.100	0.300
% Recovery		103	91.9	97.7	104
Relative Percent Difference		3.1	8.8	2.8	3.6

METHOD: EPA SW-846 8260


 Chemist


 Date

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H9345B.XLS



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ANALYTICAL RESULTS FOR
ENVIRONMENTAL PLUS, INC.
ATTN: PAT McCASLAND
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EUNICE, NM 88231
FAX TO: (505) 394-2601

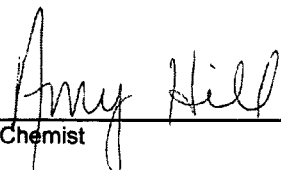
Receiving Date: 11/15/04
Reporting Date: 11/16/04
Project Owner: DEVON ENERGY
Project Name: LITTLE KING 3
Project Location: NOT GIVEN


Analysis Date: 11/16/04
Sampling Date: 11/12/04
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: AH

LAB NUMBER	SAMPLE ID	Cl ⁻ (mg/Kg)
H9347-1	NSWW 7-25	1887
H9347-2	NSWW 8-25	848
H9347-3	NSWW 11-25	13196
H9347-4	NSWW 6-30	3359
H9347-5	NSWW 11-30	608
H9347-6	NSWW 2-33	2319
H9347-7	NSWW 11-33	272
H9347-8	ESWS 2-10	11596
H9347-9	ESWS 4-15	656
Quality Control		1010
True Value QC		1000
% Recovery		101
Relative Percent Difference		0

METHOD: Standard Methods 4500-ClB

Note: Analyses performed on 1:4 w:v aqueous extracts.


Chemist


Date

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h9347



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ANALYTICAL RESULTS FOR
ENVIRONMENTAL PLUS, INC.
ATTN: PAT McCASLAND
P.O. BOX 1558
EUNICE, NM 88231
FAX TO: (505) 394-2601

Receiving Date: 02/23/05
Reporting Date: 02/24/05
Project Owner: DEVON ENERGY
Project Name: LITTLE KINGS #3 PIT
Project Location: NOT GIVEN

Analysis Date: 02/24/05
Sampling Date: 02/22/05
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: GP
Analyzed By: AH

LAB NUMBER	SAMPLE ID	Cl ⁻ (mg/Kg)
H9581-1	DELK32-22-05BHSBE-5'	5838
H9581-2	DELK32-22-05BHSBE-10'	26392
H9581-3	DELK32-22-05BHSBE-15'	13196
H9581-4	DELK32-22-05BHSBE-20'	7038
H9581-5	DELK32-22-05BHSBE-25'	96
H9581-6	DELK32-22-05BHSBE-30'	48
H9581-7	DELK32-22-05BHSBW-5'	160
H9581-8	DELK32-22-05BHSBW-10'	192
H9581-9	DELK32-22-05BHSBW-15'	208
H9581-10	DELK32-22-05BG	48
Quality Control		900
True Value QC		1000
% Recovery		90.0
Relative Percent Difference		5.0

METHOD: Standard Methods	4500-CFB
--------------------------	----------

Note: Analyses performed on 1:4 w:v aqueous extracts.

Amy Hill
Chemist

2/24/05
Date

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2111 Beechwood, Abilene, TX 79603
915-673-7001 Fax 915-673-7020

Company Name		Environmental Plus, Inc.		ANALYSIS REQUEST																												
EPI Project Manager		Pat McCasland		Devon Energy PO Box 250 2401 Pecos Ave. Artesia, NM 88211-0250 Att: Joe Handley																												
Billing Address		P.O. BOX 1558																														
City, State, Zip		Eunice New Mexico 88231																														
EPI Phone#/Fax#		505-394-3481 / 505-394-2601																														
Client Company		Devon Energy																														
Facility Name		Little Kings #3 Pit																														
Project Reference		Little Kings #3 Pit																														
EPI Sampler Name		Cody Fisher																														
LAB I.D.	SAMPLE I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.			SAMPLING		BTEX 8021B	TPH 8015M	CHLORIDES (Cl ⁻)	SULFATES (SO ₄ ²⁻)	pH	TCLP	OTHER >>>											
				GROUND WATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	OTHER:	ACID/BASE	ICE/COOL	OTHER	DATE	TIME																		
49581-1	1 DELK32-22-05BHSBE-5'					X								2/22/05	10:15			X														
-2	2 DELK32-22-05BHSBE-10'					X								2/22/05	10:30			X														
-3	3 DELK32-22-05BHSBE-15'					X								2/22/05	10:45			X														
-4	4 DELK32-22-05BHSBE-20'					X								2/22/05	11:00			X														
-5	5 DELK32-22-05BHSBE-25'					X								2/22/05	11:15			X														
-6	6 DELK32-22-05BHSBE-30'					X								2/22/05	11:30			X														
-7	7 DELK32-22-05BHSBW-5'					X								2/22/05	9:00			X														
-8	8 DELK32-22-05BHSBW-10'					X								2/22/05	9:30			X														
-9	9 DELK32-22-05BHSBW-15'					X								2/22/05	10:00			X														
-10	10 DELK32-22-05BG					X								2/22/05	8:45			X														
Sampler Relinquished:		Date 2-22-05		Received By:		Fax Results To Pat McCasland - EPI @ 505-394-2601 REMARKS: Chain of custody requested. Send original reports to Pat McCasland - EPI.																										
Relinquished by:		Time 8:00 PM		Received By: (lab staff)																												
Delivered by:		Date 2/23/05		Time 2:00 PM																												
		Sample Cool & Intact		Checked By:																												



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ANALYTICAL RESULTS FOR
ENVIRONMENTAL PLUS, INC.
ATTN: PAT McCASLAND
P.O. BOX 1558
EUNICE, NM 88231
FAX TO: (505) 394-2601

Receiving Date: 02/23/05
Reporting Date: 02/24/05
Project Owner: DEVON ENERGY
Project Name: LITTLE KINGS #3 PIT
Project Location: NOT GIVEN

Analysis Date: 02/24/05
Sampling Date: 02/22/05
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: GP
Analyzed By: AH

LAB NUMBER	SAMPLE ID	Cl ⁻ (mg/Kg)
H9581-1	DELK32-22-05BHSBE-5'	5838
H9581-2	DELK32-22-05BHSBE-10'	26392
H9581-3	DELK32-22-05BHSBE-15'	13196
H9581-4	DELK32-22-05BHSBE-20'	7038
H9581-5	DELK32-22-05BHSBE-25'	96
H9581-6	DELK32-22-05BHSBE-30'	48
H9581-7	DELK32-22-05BHSBW-5'	160
H9581-8	DELK32-22-05BHSBW-10'	192
H9581-9	DELK32-22-05BHSBW-15'	208
H9581-10	DELK32-22-05BG	48
Quality Control		900
True Value QC		1000
% Recovery		90.0
Relative Percent Difference		5.0

METHOD: Standard Methods	4500-Cl ⁻ B
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Note: Analyses performed on 1:4 w:v aqueous extracts.

Amy Hill
Chemist

2/24/05
Date

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Cardinal Laboratories Inc.

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915-673-7001 Fax 915-673-7020

Company Name		Environmental Plus, Inc.		BILLING										ANALYSIS REQUEST																									
EPI Project Manager		Pat McCasland		Devon Energy PO Box 250 2401 Pecos Ave. Artesia, NM 88211-0250 Att: Joe Handley																																			
Billing Address		P.O. BOX 1558																																					
City, State, Zip		Eunice New Mexico 88231																																					
EPI Phone#/Fax#		505-394-3481 / 505-394-2601																																					
Client Company		Devon Energy																																					
Facility Name		Little Kings #3 Pit																																					
Project Reference		Little Kings #3 Pit																																					
EPI Sampler Name		Cody Fisher																																					
LAB I.D.	SAMPLE I.D.	(G)RAB OR (C)COMP.	# CONTAINERS	MATRIX						PRESERV.		SAMPLING		BTEX 8021B	TPH 8015M	CHLORIDES (Cl)	SULFATES (SO ₄)	PH	TCLP	OTHER >>>																			
				GROUND WATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	OTHER:	ACID/BASE	ICE/COOL	OTHER	DATE																	TIME									
49581-1	1 DELK32-22-05BHSBE-5'					X								2/22/05	10:15			X																					
-2	2 DELK32-22-05BHSBE-10'					X								2/22/05	10:30			X																					
-3	3 DELK32-22-05BHSBE-15'					X								2/22/05	10:45			X																					
-4	4 DELK32-22-05BHSBE-20'					X								2/22/05	11:00			X																					
-5	5 DELK32-22-05BHSBE-25'					X								2/22/05	11:15			X																					
-6	6 DELK32-22-05BHSBE-30'					X								2/22/05	11:30			X																					
-7	7 DELK32-22-05BHSEBW-5'					X								2/22/05	9:00			X																					
-8	8 DELK32-22-05BHSEBW-10'					X								2/22/05	9:30			X																					
-9	9 DELK32-22-05BHSEBW-15'					X								2/22/05	10:00			X																					
-10	10 DELK32-22-05BG					X								2/22/05	8:45			X																					

Sampler Relinquished:

Cody Fisher

Relinquished By:

Pat McCasland

Delivered by:

Pat McCasland

Date: 2-22-05
Time: 8:00 PM

Date: 2/22/2005
Time: 4:00 PM

Received By:

Pat McCasland

Received By (lab staff):

Joe Handley

Sample Cool & Intact:

☒ Yes ☐ No

Checked By:

Fax Results To Pat McCasland - EPI @ 505-394-2601</

ATTACHMENT IV: AREA WATER INFORMATION

**New Mexico Office of the State Engineer
Well Reports and Downloads**

Township: Range: Sections:

NAD27 X: Y: Zone: Search Radius:

County: Basin: Number: Suffix:

Owner Name: (First) (Last) ☐ Non-Domestic ☐ Domestic
☒ All

AVERAGE DEPTH OF WATER REPORT 12/12/2004

Bsn	Tws	Rng	Sec	Zone	X	Y	Wells	(Depth Water in Feet)		
								Min	Max	Avg
CP	22S	35E	14				1	185	185	185

Record Count: 1

**ATTACHMENT V: SITE INFORMATION & METRICS FORM AND
INFORMATIONAL NMOCD FORM C-141**

devon		Site Information and Metrics	Incident Date:	NMOCD Notified:
SITE: Little Kings #3		Assigned Site Reference #:		
Company: Devon Energy		NATIONAL RESPONSE CENTER - 800.424.8802		
Street Address: PO Box 250		Notified Date/Time:		
Mailing Address: 2401 Pecos Avenue		Notified by:		
City, State, Zip: Artesia, New Mexico 88211-0250		Person Notified:		
Representative: Joe Handley		NRC Report# :		
Representative Telephone: 505.748.3371				
Telephone:				
Fluid volume released (bbls):		Recovered (bbls):		
>25 bbls: Notify NMOCD verbally within 24 hrs and submit form C-141 within 15 days. (Also applies to unauthorized releases >500 mcf Natural Gas)				
5-25 bbls: Submit form C-141 within 15 days (Also applies to unauthorized releases of 50-500 mcf Natural Gas)				
Leak, Spill, or Pit (LSP) Name: Little Kings #3				
Source of contamination: Drilling reserve pit				
Land Owner, i.e., BLM, ST, Fee, Other: State of New Mexico				
LSP Dimensions				
LSP Area: ft ²				
Location of Reference Point (RP)				
Location distance and direction from RP				
Latitude: 32°23'25.6"N				
Longitude: 103°23'29.3"W				
Elevation above mean sea level: 3,560 'amsl				
Feet from South Section Line				
Feet from West Section Line				
Location- Unit or ¼: NE¼ of the SW¼ Unit Letter: K				
Location- Section: 17				
Location- Township: T22S				
Location- Range: R35E				
Surface water body within 1000 ' radius of site: none				
Surface water body within 1000 ' radius of site:				
Domestic water wells within 1000' radius of site: none				
Domestic water wells within 1000' radius of site:				
Agricultural water wells within 1000' radius of site: none				
Agricultural water wells within 1000' radius of site:				
Public water supply wells within 1000' radius of site: none				
Public water supply wells within 1000' radius of site:				
Depth from land surface to ground water (DG) 185'bgs				
Depth of contamination (DC) - >12.6'bgs				
Depth to ground water (DG - DC = DtGW) - ?				
1. Ground Water		2. Wellhead Protection Area		3. Distance to Surface Water Body
If Depth to GW <50 feet: 20 points		If <1000' from water source, or; <200' from private domestic water source: 20 points		<200 horizontal feet: 20 points
If Depth to GW 50 to 99 feet: 10 points				200-100 horizontal feet: 10 points
If Depth to GW >100 feet: 0 points		If >1000' from water source, or; >200' from private domestic water source: 0 points		>1000 horizontal feet: 0 points
Ground water Score = 0		Wellhead Protection Area Score= 0		Surface Water Score= 0
Site Rank (1+2+3) = 0				
Total Site Ranking Score and Acceptable Concentrations				
Parameter	>19	10-19	0-9	
Benzene ¹	10 ppm	10 ppm	10 ppm	
BTEX ¹	50 ppm	50 ppm	50 ppm	
TPH	100 ppm	1000 ppm	5000 ppm	
¹ 100 ppm field VOC headspace measurement may be substituted for lab analysis				

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-141
Revised October 10, 2003

Submit 2 Copies to appropriate
District Office in accordance
with Rule 116 on back
side of form

Release Notification and Corrective Action

OPERATOR

☐ Initial Report ☐ Final Report

Name of Company: Devon Energy	Contact: Joe Handley	
Address: PO Box 250 2401 Pecos Avenue Artesia, New Mexico 88211-0250	Telephone No. 505.748.3371	
Facility Name Little Kings #3	Facility Type Drilling reserve pit	
Surface Owner: State of New Mexico	Mineral Owner	Lease No.

LOCATION OF RELEASE

Unit Letter K	Section 17	Township T22S	Range R35E	Feet from the	North/South Line	Feet from the	East/West Line	County: Lea
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Latitude: **32°23'25.6"N** Longitude: **103°23'29.3"W**

NATURE OF RELEASE

Type of Release Drilling mud/fluids and well cuttings.	Volume of Release	Volume Recovered
Source of Release Drilling reserve pit	Date and Hour of Occurrence	Date and Hour of Discovery
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Larry Johnson	
By Whom?	Date and Hour	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse. NA	
If a Watercourse was Impacted, Describe Fully.* NA		
Describe Cause of Problem and Remedial Action Taken.* Drilling reserve pit		
Describe Area Affected and Cleanup Action Taken.* Excavate and dispose of drill pit contents. Remedial Goals: TPH 8015m = 5000 mg/Kg, Benzene = 10 mg/Kg, and BTEX, i.e., the mass sum of benzene, ethylbenzene, toluene, and xylenes = 50 mg/Kg.		

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature:	<u>OIL CONSERVATION DIVISION</u>	
Printed Name: Joe Handley	Approved by District Supervisor:	
E-mail Address: joe.handley@dvn.com	Approval Date:	Expiration Date:
Title: Supervising Manager	Conditions of Approval:	Attached <input type="checkbox"/>
Date: November 9, 2004 Phone: 505.748.3371		

Attach Additional Sheets If Necessary