1RP-1728

Soil Closure REPORT

DATE:
JUNE 2009

LETTER OF TRANSMITTAL

ENVIRONMENTAL PLUS, INC.

Date:	25 June 2009
To:	**Larry Johnson, Environmental Engineer**
Company Name:	New Mexico Oil Conservation Division
Address:	1625 N. French Drive
City / State / Zip:	Hobbs, New Mexico 88240
From:	David P. Duncan
CC:	Steve Weathers, DCP Midstream, L.P. – Denver, Co Thaddeus Kostrubala, NMSLO – Santa Fe, NM Leonard Lowe, NMOCD – Santa Fe, NM
Project Name:	**J-4-2 Release Site**
Project Number:	NMOCD 1RP#1728-0 & AP #55; EPI Ref. #130028
Subject:	**Final Soil Closure Report**

# of originals	# of copies	Description
1		J-4-2 Release Site

Mr. Johnson:

Attached for information and record is the *Final Soil Closure Report* for the above referenced Project.

Sincerely,

Environmental Plus Inc.

David P. Duncan
Civil Engineer
Senior Technical Manager

P. O. Box 1558
Eunice, NM 88240
(505) 394-3481
Fax: (505) 394-2601

SOIL CLOSURE REPORT

J-4-2 RELEASE SITE

EPI REF: #130028
NMOCD REF: 1RP #1728-0

UL-C (NE¼ OF THE NW¼) OF SECTION 27, T 19 S, R 35 E

~11 MILES WEST OF MONUMENT,

LEA COUNTY, NEW MEXICO

LATITUDE: N 32° 38' 18.85" LONGITUDE: W 103° 26' 49.02"

JUNE 2009

PREPARED BY:

ENVIRONMENTAL PLUS, INC.
P.O. BOX 1558
2100 AVENUE O
EUNICE, NEW MEXICO 88231

PREPARED FOR:

DCP Midstream

ENVIRONMENTAL PLUS, INC.
CONSULTING AND ENVIRONMENTAL REMEDIATION

25 June 2009

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

RE: Soil Closure Report
DCP Midstream, L.P.; J-4-2 Release Site
UL-C (NE¼ of the NW ¼) of Section 27, T19S, R35E
Latitude N 32° 38' 18.58"; Longitude W 103° 26' 49.02"
NMOCD Ref. 1RP#1728-0; EPI Ref. #130028

Mr. Johnson:

Environmental Plus, Inc., (EPI) on behalf of Mr. Stephen Weathers of DCP Midstream, L.P., (DCP) submits this letter form *Soil Closure Report* for the above referenced Site.

Remedial activities were initiated to bring the impacted site into compliance with New Mexico Oil Conservation Division (NMOCD) requirements. For clarity and cross reference elimination purposes, the letter form *Soil Closure Report* offers Site Background History, Site Delineation, Remediation Activities and Conclusions.

Site Background

The Site is located in UL-C (NE ¼ of the NW ¼) of Section 27, T19S, R35E at an elevation of approximately 3,740 feet above mean sea level (amsl). The property is owned by the State of New Mexico and managed by the New Mexico State Land Office (NMSLO). A search for water wells was completed utilizing the New Mexico Office of the State Engineers website and a database maintained by the United States Geological Survey (USGS). Groundwater data taken from domestic and USGS water wells indicates an average water depth of approximately twenty-three (23) feet below ground surface (bgs). No water wells or surface water features exist within a 1,000-foot radius of the site. Based on available information, it was projected distance between impacted soil and groundwater is approximately zero (0) vertical feet. Utilizing these parameters, NMOCD Remedial Goals for this Site were determined as follows:

Parameter	Remedial Goal*
Benzene	10 parts per million
BTEX	50 parts per million
TPH	100 parts per million

*Chloride residuals may not be capable of impacting local groundwater above NMWQCC Ground Water Standards 250 mg/L.

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ENVIRONMENTAL PLUS, INC.

Background History and Site Delineation

On 3 August 2005 internal corrosion of an 8" diameter steel/driscoll transmission line resulted in the release of less than five (5) barrels (bbls) of natural gas and natural gas liquids (NGL) with no recovery of fluids. The transmission line was shut in, leak origin excavated and a section of line replaced. On 4 August 2005 EPI performed assessment, GPS survey and photographed the release site which covered an initial area of approximately 2,800 square feet (ft^2). EPI advanced four (4) soil borings (SB-1 through SB-4) from 21-23 September 2005 across the release area to delineate vertical and horizontal extent of impacted soil. Field and laboratory analytical results are referenced in Table 2, *Summary of Soil Boring Analytical Data.*

In February 2006, EPI advanced three (3) soil borings to vertical depths of thirty-nine (39) feet below ground surface (bgs) and installed permanent monitor wells within the release site. Depth to groundwater varied from twenty-three (23) to twenty-four (24) feet bgs. On 14 February 2006 EPI collected groundwater samples from MW-1 and MW-3 for laboratory analyses of BTEX constituents (Benzene, Ethylbeneze, Total Xylenes and Toluene) concentrations (reference Table 4 –*Summary of Monitor Well Analytical Data*). MW-2 was not sampled as it contained a 0.57 foot column of Free Phase Hydrocarbons (FPH).

In a field program conducted in September 2006, American Environmental Consulting, LLC (AEC) of Littleton, Colorado installed four (4) additional monitor wells (MW-4 through MW-8). Due to drilling refusal, MW-5 was not installed. Scope of work entailed: 1) installation, development and sampling of additional monitor wells; 2) well gauging and water table contouring and 3) physical property measurement. These objectives entailed:

· Delineating plume boundaries associated with the release

· Defining groundwater flow direction and gradient

· Evaluating degree and extent of natural biodegradation processes on hydrocarbon distribution

· Measuring hydraulic properties of affected saturated minerals

Site Remediation

After DCP received verbal permission from NMOCD (Santa Fe – New Mexico) to commence remediation of the release site, EPI mobilized to the location on 22 July 2008 to initiate activities. From date of mobilization to 7 August 2008, EPI excavated ±5,348 cubic yards (cy^3) of impacted material from a surface area of ±9,400 square feet (ft^2) to a depth of ten (10) feet bgs. Correlating groundwater data from existing monitor wells determined soil saturation began at ~19.0 feet bgs with groundwater ~23.0 feet bgs. In order to create a buffer between bottom of excavation and soil saturation zone, a depth of ten (10) feet bgs was established. This vertical distance would allow bulk removal of TPH and chloride impacted soil leaving minor concentrations in situ. Impacted material was transported to Controlled Recovery, Inc., (CRI) for treatment. Soil samples collected from bottom and sidewalls of the excavation provided evidence the area had been subject to multiple historical releases not attributed to the DCP transmission line. Water samples collected from monitor wells showed up gradient TPH, Benzene constituent and chloride concentrations were sufficient to substantiate this theory.

Remedial activities were suspended from 8 August 2008 until 13 January 2009 when EPI mobilized at the site to complete the project. EPI excavated an area of high TPH and chloride concentrations. Approximately 350 cubic yards were transported to CRI for disposal. The depression was backfilled with caliche. After leveling the excavation bottom, a minimum two (2) foot layer of cushion sand was placed over it. A 40-mil thick polyethylene liner was placed over the cushion sand with boots extending up casings of two (2) monitor wells (MW-1 and MW-4). Another two (2) foot layer of cushion sand was placed over the polyethylene liner. The excavation was backfilled with caliche from the second layer of cushion sand to within three (3) feet of original ground surface. The remainder of excavation was backfilled with top soil free of deleterious material, rocks or large clumps. Approximately ±3,290 cubic yards of cushion sand and top soil plus ±2,270 cubic yards of caliche were used to backfill the excavation. After completion of excavation activities, the disturbed area was contoured to allow natural drainage and disked to prevent wind/water erosion. Access lease roads from caliche and sand/top soil pits were replaced in a condition equal to or better than previously existed.

On 17 June 2009 EPI mobilized to the release area and commenced seeding activities. Approximately ten (10) pounds each of Blue Grama and Sideoats Grama were drill seeded throughout a disturbed area of approximately 9,400 ft^2 (±0.22 acres). At time of seeding activities, ground soil was damp due to previous intermittent thunder showers. Subsequent showers have added additional moisture to the soil. EPI will monitor newly seeded areas for vegetative growth.

Conclusions

Documented in the *Soil Closure Report* is excavation, backfill and seeding of the J-4-2 Release Site. Primary objective of these activities was removal of bulk BTEX constituents, TPH and chloride impacted soil from the release site to prevent increased contamination of groundwater. To further enhance this objective, a 40-mil polyethylene liner was placed in the bottom to prevent downward migration of potential contaminants. While laboratory analytical results indicate groundwater is contaminated, a *Stage 1 Abatement Plan* has been implemented with monitor wells established for surveillance and access for collection of water samples.

Based on data presented in the *Soil Closure Report*, EPI recommends "no additional remedial action" required on this site. On behalf of DCP Midstream, L.P., EPI requests a formal letter of approval from NMOCD indicating Site Closure is completed and accepted.

Questions, concerns or need for additional technical information should be directed to David P. Duncan at (575) 394-3481 (office), (575) 441-7802 (cell) or via e-mail at dduncan@envplus.net.

Please direct official communications to Mr. Stephen Weathers at (303) 605-1718 (office), (303) 619-3042 (cell) or via e-mail at SWWeathers@dcpmidstream.com. Official correspondence should be addressed to:

Mr. Stephen W. Weathers, P.G.
Principal Environmental Specialist
DCP Midstream, L.P.
370 17th Street, Suite 2500
Denver, Colorado 80202

Sincerely,

ENVIRONMENTAL PLUS, INC.

David P. Duncan
Civil Engineer
Senior Technical Manager

Cc: Stephen W. Weathers, P.G., Principal Environmental Specialist – DCP Midstream, L.P.
Thaddeus Kostrubala, P.E., Environmental Engineer – NMSLO
Leonard Lowe, Environmental Engineer – NMOCD
File

Encl: Figure 1 – Area Map
Figure 2 – Site Location Map
Figure 3 - Site Map
Figure 4 – Soil Boring/Monitor Well Map
Figure 5 – Final Excavation Map
Figure 6 – Sample Map (8/07/2008)
Figure 7 – Monitor Well Latitude/Longitude Map
Table 1 – Well Data
Table 2 – Summary of Soil Boring Analytical Results
Table 3 – Summary of Monitor Well Analytical Results
Table 4 – Summary of Monitor Well Groundwater Analytical Results
Table 5 – Summary of Excavation Soil Sample Field and Laboratory Analytical Results
Attachment I -- Site Photographs
Attachment II – Laboratory Reports and Chain-of-Custody Forms
Attachment III – Information and Metric Form
Initial NMOCD Form C-141
Final NMOCD Form C-141

FIGURES

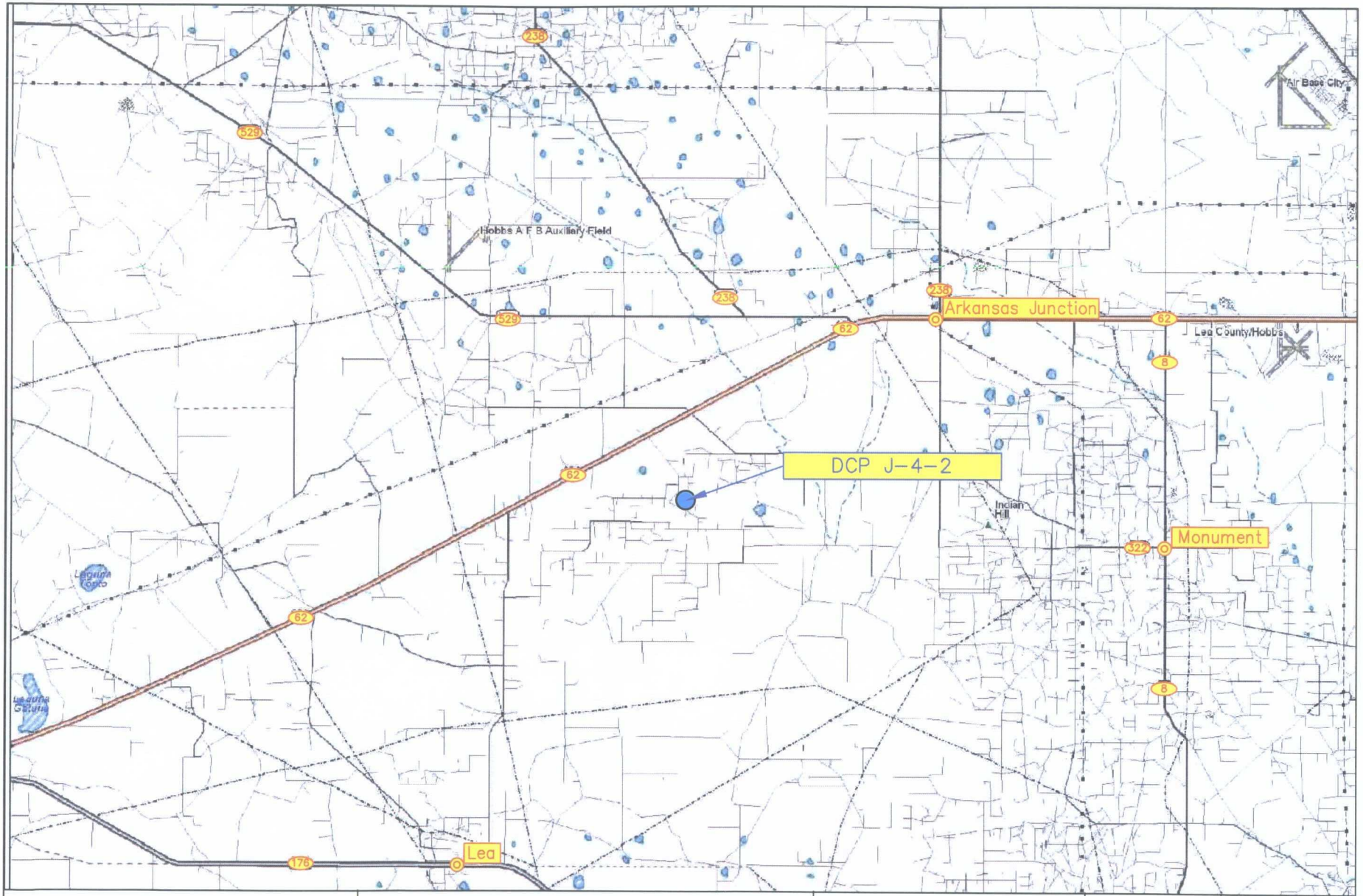

Figure 1 Area Map DCP Midstream, LP J-4-2	Lea County, New Mexico NE 1/4 of the NW 1/4, Sec. 27, T19S, R35E N 32° 38' 18.85" W 103° 26' 49.02" Elevation: 3,740 feet amsl	DWG By: J Stegemoller August 2005	REVISED: July 2008
		0 3 6 Miles	SHEET 1 of 1
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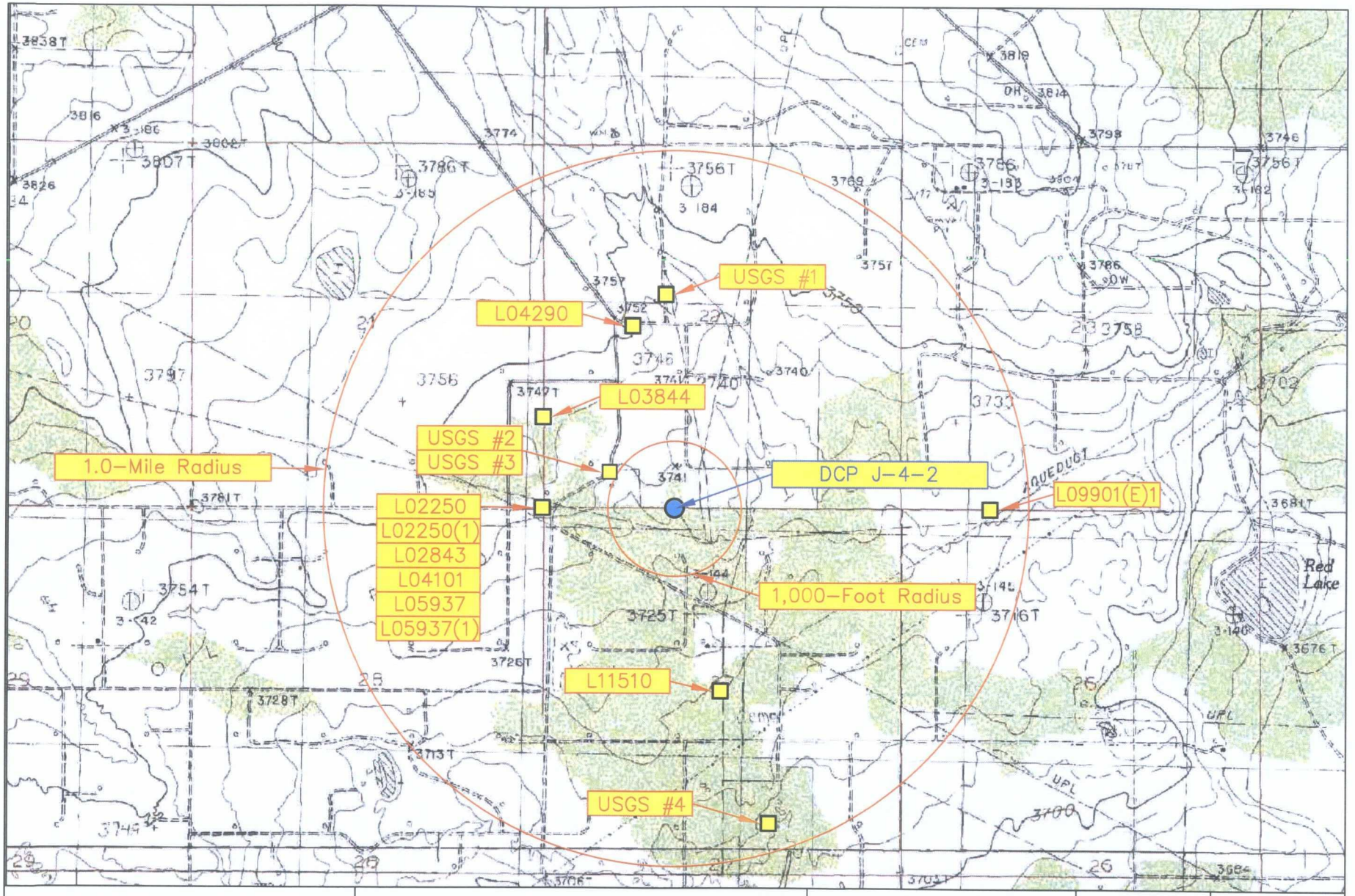

Figure 2
Site Location Map
DCP Midstream, LP
J–4–2

Lea County, New Mexico
NE 1/4 of the NW 1/4, Sec. 27, T19S, R35E
N 32° 38' 18.85" W 103° 26' 49.02"
Elevation: 3,740 feet amsl

DWG By: J Stegemoller
August 2005

REVISED:
July 2008

0 2,000 4,000
Feet

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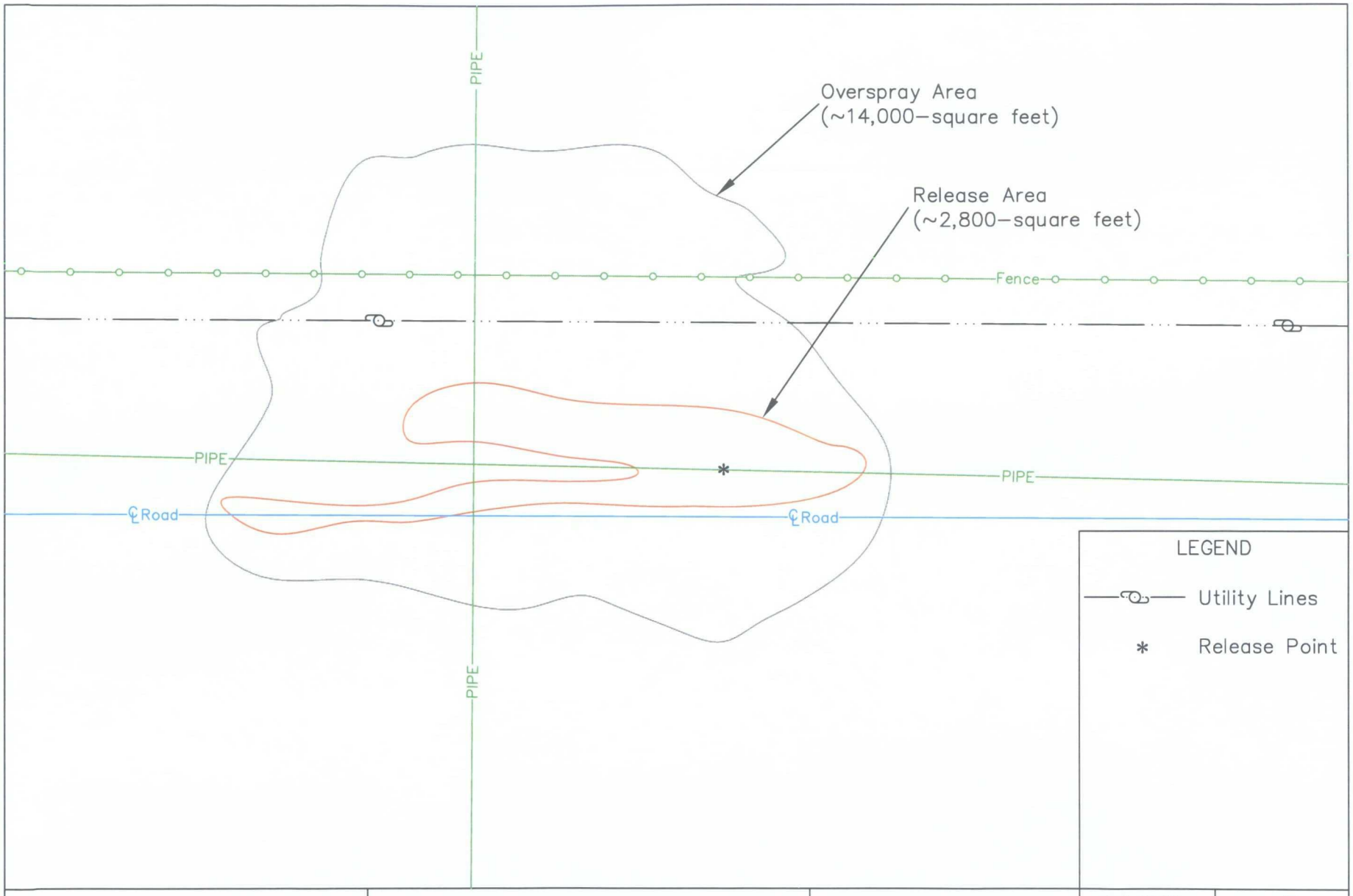


Figure 3 Site Map DCP Midstream, LP J-4-2	Lea County, New Mexico NE 1/4 of the NW 1/4, Sec. 27, T19S, R35E N 32° 38' 18.85" W 103° 26' 49.02" Elevation: 3,740 feet amsl	DWG By: J Stegemoller August 2005 0 35 70 Feet	REVISED: July 2008 SHEET 1 of 1	N

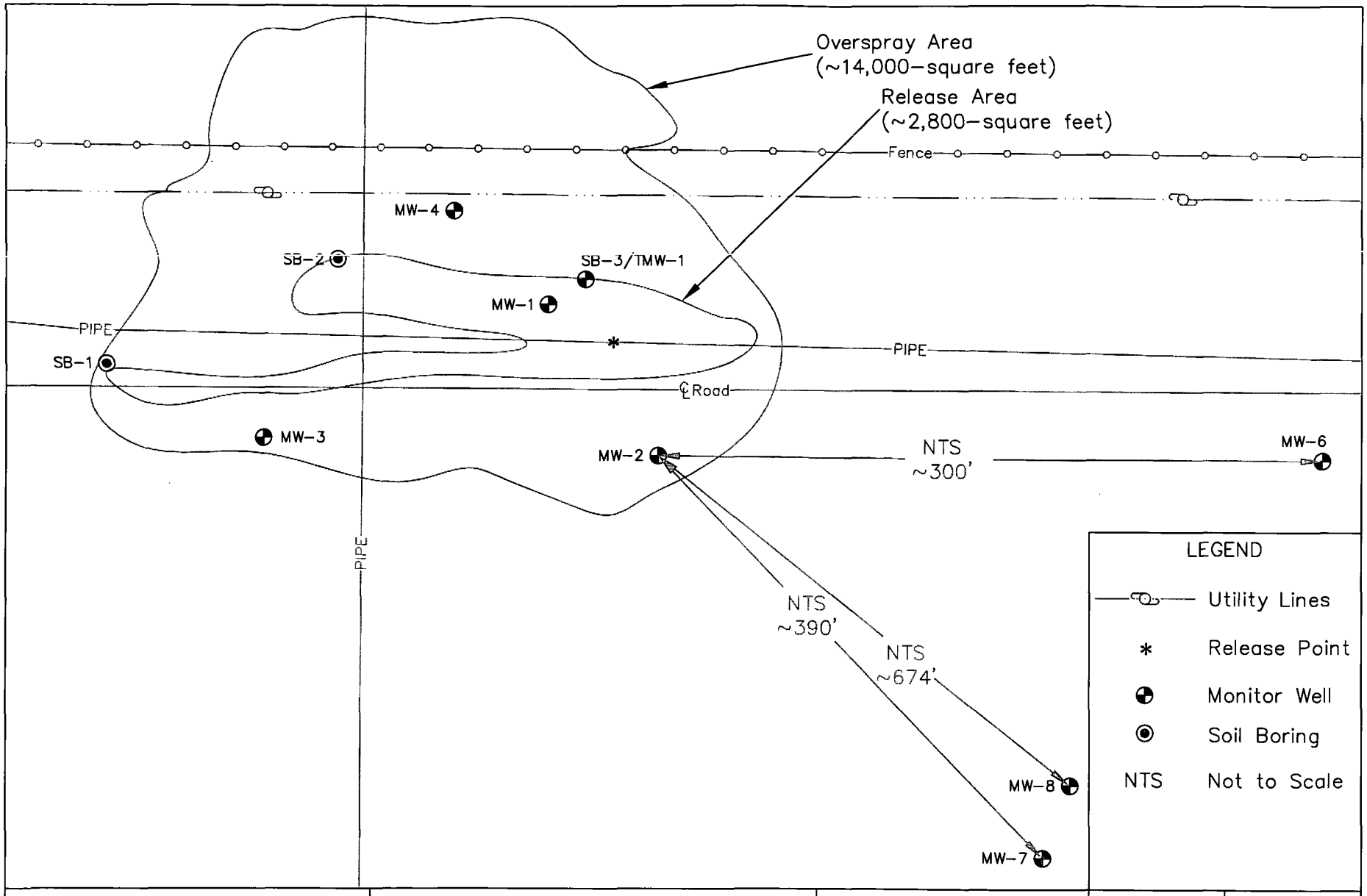


Figure 4 Soil Boring/Monitor Well Map DCP Midstream, LP J-4-2	Lea County, New Mexico NE 1/4 of the NW 1/4, Sec. 27, T19S, R35E N 32° 38' 18.85" W 103° 26' 49.02" Elevation: 3,740 feet amsl	DWG By: J Stegemoller August 2005	REVISED: July 2008	SHEET 1 of 1

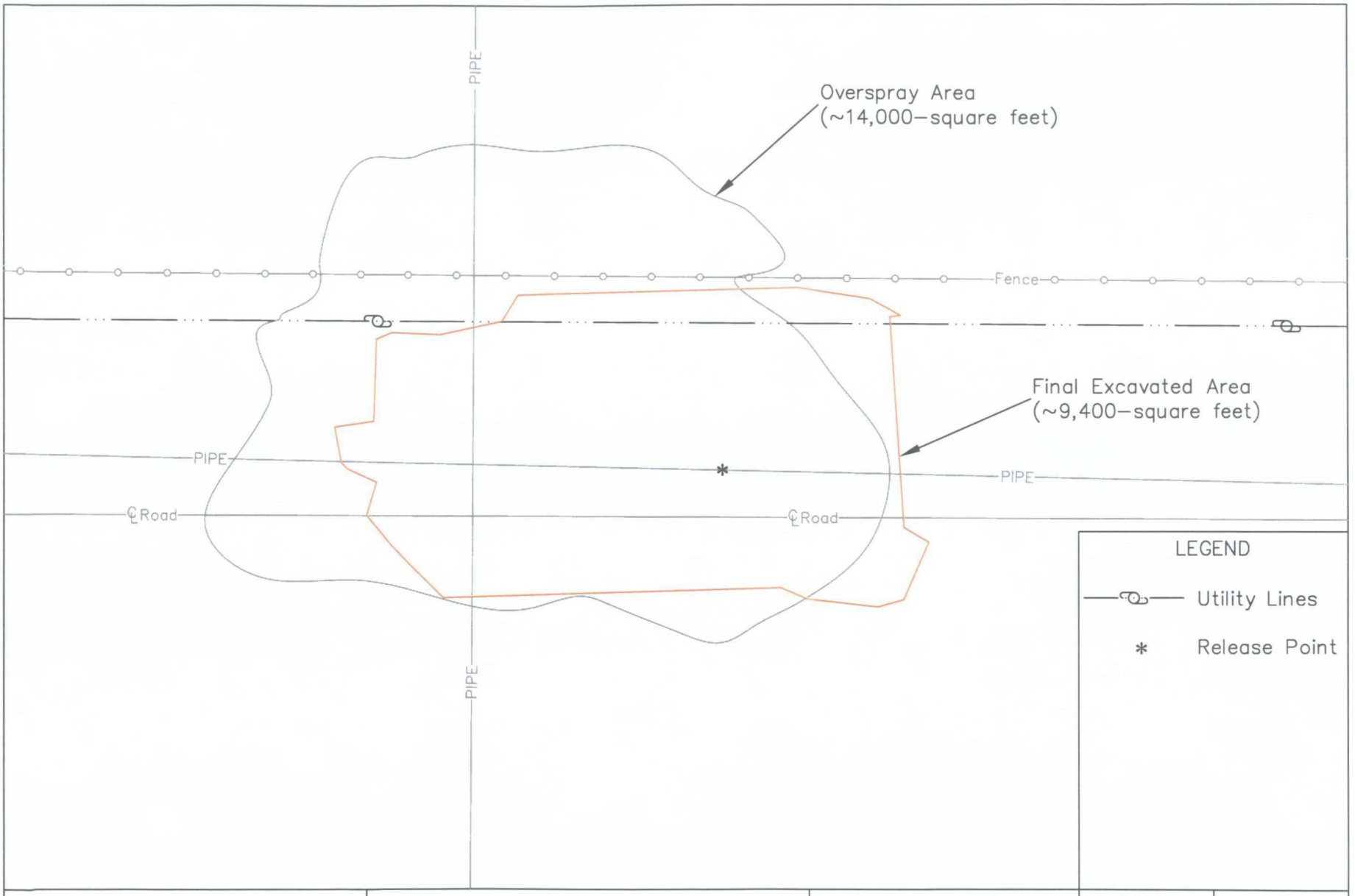


Figure 5 Final Excavation Map DCP Midstream, LP J-4-2	Lea County, New Mexico NE 1/4 of the NW 1/4, Sec. 27, T19S, R35E N 32° 38' 18.85" W 103° 26' 49.02" Elevation: 3,740 feet amsl	DWG By: J Stegemoller August 2005 0 35 70 Feet	REVISED: Aug 2008 SHEET 1 of 1	N

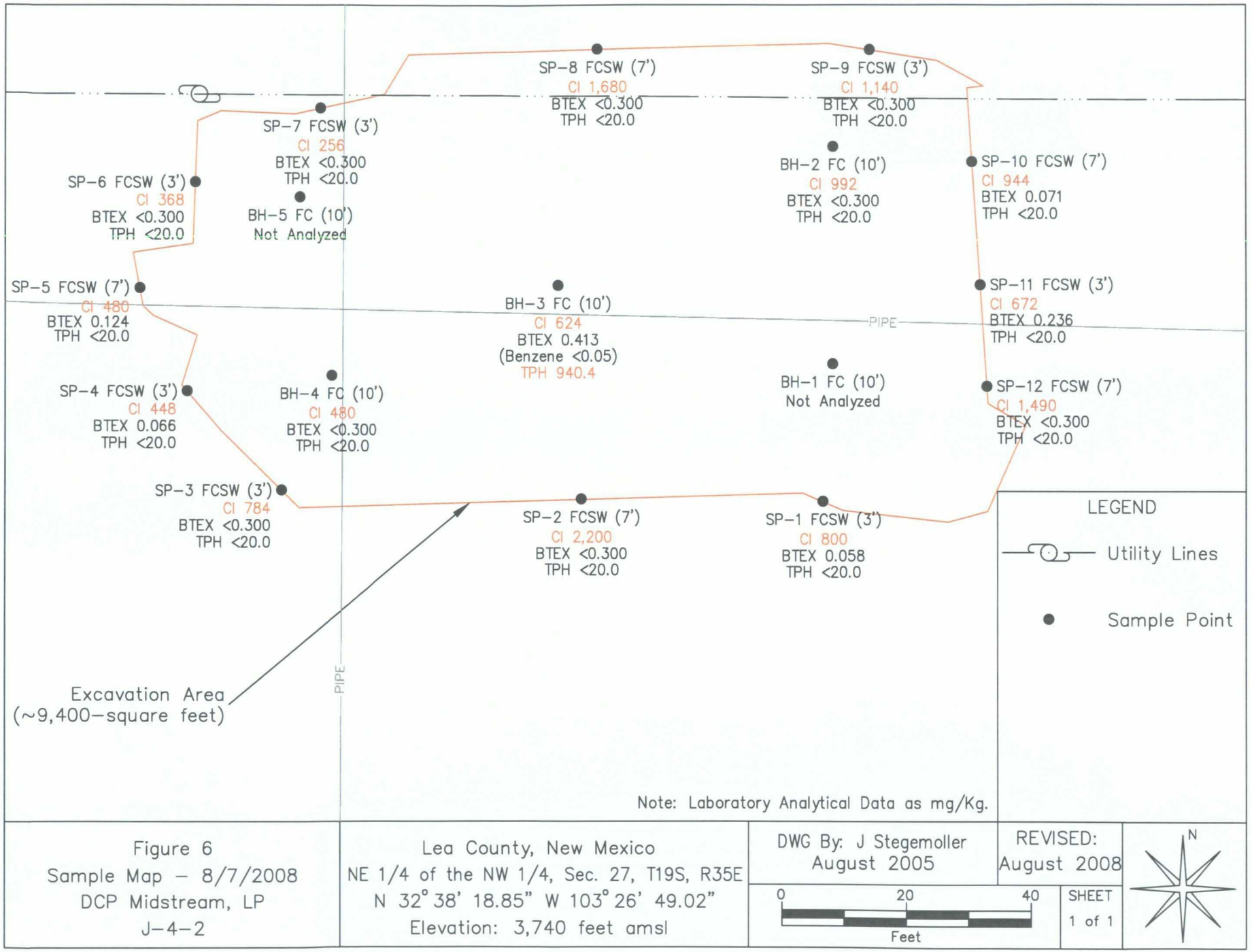
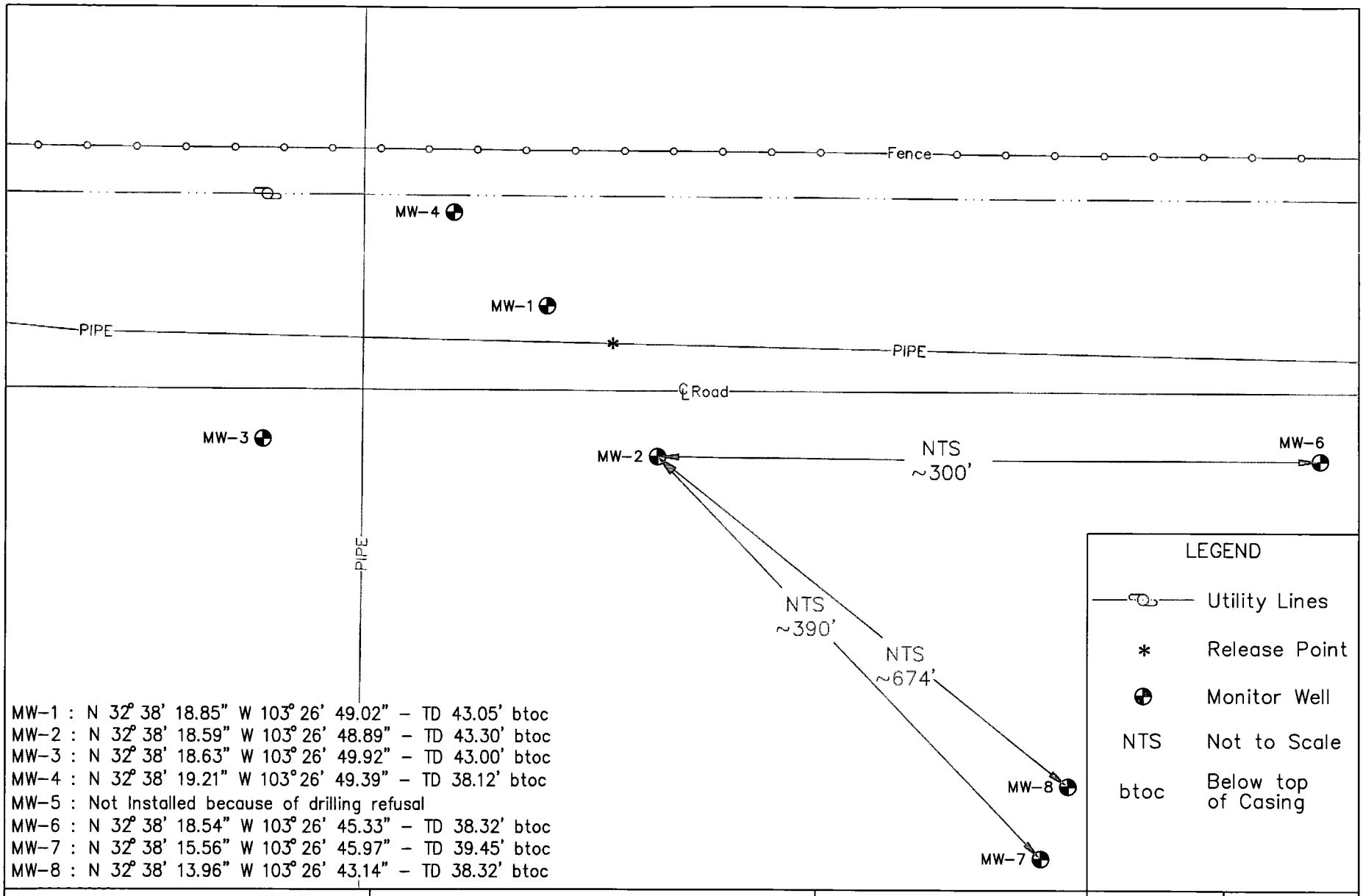


Figure 6 Sample Map – 8/7/2008 DCP Midstream, LP J-4-2	Lea County, New Mexico NE 1/4 of the NW 1/4, Sec. 27, T19S, R35E N 32° 38' 18.85" W 103° 26' 49.02" Elevation: 3,740 feet amsl	DWG By: J Stegemoller August 2005	REVISED: August 2008
			SHEET 1 of 1



MW-1 : N 32° 38' 18.85" W 103° 26' 49.02" – TD 43.05' btoc
MW-2 : N 32° 38' 18.59" W 103° 26' 48.89" – TD 43.30' btoc
MW-3 : N 32° 38' 18.63" W 103° 26' 49.92" – TD 43.00' btoc
MW-4 : N 32° 38' 19.21" W 103° 26' 49.39" – TD 38.12' btoc
MW-5 : Not Installed because of drilling refusal
MW-6 : N 32° 38' 18.54" W 103° 26' 45.33" – TD 38.32' btoc
MW-7 : N 32° 38' 15.56" W 103° 26' 45.97" – TD 39.45' btoc
MW-8 : N 32° 38' 13.96" W 103° 26' 43.14" – TD 38.32' btoc

Figure 7 Monitor Well Latitude/Longitude Map DCP Midstream, LP J-4-2	Lea County, New Mexico NE 1/4 of the NW 1/4, Sec. 27, T19S, R35E N 32° 38' 18.85" W 103° 26' 49.02" Elevation: 3,740 feet amsl	DWG By: J Stegemoller August 2005 0 35 70 Feet	REVISED: August 2008 SHEET 1 of 1	N

TABLES

TABLE 1

Well Data

DCP Midstream, LLC - J-4-2 (Ref. #130028)

Well Number	Diversion[A]	Owner	Use	Twsp	Rng	Sec q q q	Latitude	Longitude	Date Measured	Surface Elevation[B]	Depth to Water (ft bgs)
L02250	3	W.P. McIntosh	PRO	19S	35E	22 3 3 1	32° 18' 18.86"	103° 27' 11.77"	01-Apr-54	3,746	20
L02250 (1)	0	Gulf Oil Corp.	PRO	19S	35E	22 3 3	32° 18' 18.86"	103° 27' 11.77"		3,746	
L03843	0	Donnelly Drilling Company Inc.	PRO	19S	35E	22 3 3	32° 18' 18.86"	103° 27' 11.77"		3,746	
L03844	3	Moran Oil Producing & Drilling	PRO	19S	35E	22 3 1	32° 38' 31.97"	103° 27' 11.76"	23-Apr-58	3,750	27
L04101	3	Virgil Linam	DOM	19S	35E	22 3 3	32° 18' 18.86"	103° 27' 11.77"	11-Dec-59	3,746	35
L04290	3	C.W. Trainer	PRO	19S	35E	22 1 4 3	32° 38' 45.07"	103° 26' 56.28"		3,753	
L05937	0	Thelma A. Linam	PRO	19S	35E	22 3 3	32° 18' 18.86"	103° 27' 11.77"		3,746	
L05937 (1)	0	Mrs. Thelma A. Linam	PRO	19S	35E	23 3 3	32° 18' 18.86"	103° 27' 11.77"		3,747	
L09901 (E)1	0	ARCO Oil & Gas Company	PRO	19S	35E	23 3 4	32° 38' 18.77"	103° 25' 54.39"		3,727	
L11510	3	Leo V. Sims II	STK	19S	35E	27 2 3	32° 37' 52.63"	103° 26' 40.84"	22-Aug-03	3,724	
USGS #1				19S	35E	22 1 4 3			17-Apr-91	3,750	16.8
USGS #2				19S	35E	22 3 3 4			28-Jul-54	3,743	23.5
USGS #3				19S	35E	22 3 3 4			27-Jan-71	3,743	23.7
USGS #4				19S	35E	27 4 3 2			27-Jan-71	3,711	21.9
USGS #5				19S	35E	17 2 1 1	32° 39' 44"	103° 28' 40"	25-Jan-96	3,822	26.0
USGS #6				19S	35E	24 4 2 2	32° 38' 28"	103° 24' 07"	25-Jan-96	3,699	20.0

* = Data obtained from the New Mexico Office of the State Engineer Website (http://iwaters.ose.state.nm.us:7001/iWATERS/wr_RegisServlet1)
Shaded area indicates well locations not shown on Figure 2
[A] = in acre feet per annum
[B] = Elevation interpolated from USGS topographical map based on referenced location
DOM = Domestic
STK= Livestock watering
PRO= Prospecting or development of natural resources
quarters are 1=NW, 2=NE, 3=SW, 4=SE; quarters are biggest to smallest

TABLE 2

Summary of Soil Boring Analytical Results

DCP Midstream, LLC - J-4-2 (Ref. #130028)

Soil Boring	Depth (feet)	Sample Date	PID Reading (ppm)	Field Chloride (mg/Kg)	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Total Xylenes (mg/Kg)	Total BTEX (mg/Kg)	GRO (mg/Kg)	DRO (mg/Kg)	Total TPH (mg/Kg)	Chloride (mg/Kg)
SB-1	2	21-Sep-05	64.7	160	<0.025	*0.013	0.094	0.328	0.435	192	818	**1,010**	25.2
	5	21-Sep-05	3.0	160	--	--	--	--	--	10.3	47.6	57.9	--
SB-2	2	21-Sep-05	565	240	0.466	2.55	1.63	10.73	15.38	2,260	4,810	**7,070**	58.3
	5	21-Sep-05	25.7	320	--	--	--	--	--	13.4	42.7	56.1	--
	10	21-Sep-05	5.4	400	--	--	--	--	--	--	--	--	--
	15	21-Sep-05	5.4	320	--	--	--	--	--	--	--	--	--
	20	21-Sep-05	4.1	320	--	--	--	--	--	--	--	--	--
SB-3	2	21-Sep-05	330	320	1.15	2.32	1.22	8.39	13.08	670	924	**1,590**	76.2
	5	21-Sep-05	439	44	--	--	--	--	--	1,350	2,270	**3,620**	--
	10	21-Sep-05	788	1,120	--	--	--	--	--	2,730	4,480	**7,210**	--
	15	21-Sep-05	759	640	--	--	--	--	--	1,940	5,550	**7,490**	--
	20	21-Sep-05	772	240	--	--	--	--	--	--	--	--	--
	25	21-Sep-05	1.9	560						11.5	26.9	38.4	--
SB-4	2	23-Sep-05	--	--	--	--	--	--	--	--	--	--	--
	5	23-Sep-05	--	--	--	--	--	--	--	--	--	--	--
	10	23-Sep-05	--	--	--	--	--	--	--	--	--	--	--
	15	23-Sep-05	--	--	--	--	--	--	--	--	--	--	--
	20	23-Sep-05	--	--	0.112	0.842	0.796	6.670	8.420	1,790	4,830	**6,620**	88.8
	25	23-Sep-05	--	--	--	--	--	--	--	--	--	--	--
NMOCD Remedial Thresholds			**100**[3]		**10**				**50**			**100**	**250**[4]

[1] ***Bolded*** *values are in excess of the NMOCD Remediation Thresholds*

[2] *-- : Not Analyzed*

[3] *In lieu of laboratory analyes of benzene, toluene, ethylbenzene and total xylenes.*

[4] *Chloride residuals may not be capable of impacting local groundwaterabove the NMWQCCstandard of 250 mg/L*

* *Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).*

TABLE 3

Summary of Monitor Well Soil Sample Analytical Results

DCP Midstream, LLC - J-4-2 (Ref. #130028)

Monitor Well	Depth (feet)	Sample Date	PID Reading (ppm)	Field Chloride (mg/Kg)	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Total Xylenes (mg/Kg)	Total BTEX (mg/Kg)	Carbon Ranges (C6-C12)	Carbon Ranges (C12-C28)	Carbon Ranges (C28-C35)	Total TPH (C6-C35)	Chloride (mg/Kg)
MW-1	2	08-Feb-06	--	--	--	--	--	--	--	--	--	--	--	--
	5	08-Feb-06	--	--	<0.0250	<0.0250	<0.0250	<0.05	<0.125	<10.0	<10.0	<10.0	<30.0	**624**
	10	08-Feb-06	--	--	<0.0250	<0.0250	<0.0250	<0.05	<0.125	<10.0	<10.0	<10.0	<30.0	**597**
	15	08-Feb-06	--	--	<0.0250	<0.0250	<0.0250	<0.05	<0.125	<10.0	<10.0	<10.0	<30.0	35.4
	20	08-Feb-06	--	--	<0.0250	<0.0250	<0.0250	<0.05	<0.125	<10.0	<10.0	<10.0	<30.0	81.3
	25	08-Feb-06	--	--	<0.0250	<0.0250	<0.0250	<0.05	<0.125	<10.0	<10.0	<10.0	<30.0	121
	30	08-Feb-06	--	--	<0.0250	<0.0250	<0.0250	<0.05	<0.125	<10.0	<10.0	<10.0	<30.0	219
MW-2	2	08-Feb-06	--	--	--	--	--	--	--	--	--	--	--	--
	5	08-Feb-06	--	--	<0.0250	<0.0250	<0.0250	<0.05	<0.125	<10.0	<10.0	<10.0	<30.0	**682**
	10	08-Feb-06	--	--	<0.0250	<0.0250	<0.0250	<0.05	<0.125	<10.0	<10.0	<10.0	<30.0	**477**
	15	08-Feb-06	--	--	<0.0250	<0.0250	<0.0250	<0.05	<0.125	<10.0	<10.0	<10.0	<30.0	67
	20	09-Feb-06	--	--	<0.0250	<0.0250	<0.0250	<0.05	<0.125	<10.0	15.2	<10.0	15.2	96.1
	25	09-Feb-06	--	--	<0.0250	<0.0250	<0.0250	<0.05	<0.125	<10.0	<10.0	<10.0	<30.0	70.5
	30	09-Feb-06	--	--	<0.0250	<0.0250	<0.0250	<0.05	<0.125	<10.0	<10.0	<10.0	<30.0	121
NMOCD Remedial Thresholds			**100**[3]		**10**				**50**				**100**	**250**[4]

[1] ***Bolded*** *values are in excess of the NMOCD Remediation Thresholds*

[2] *-- : Not Analyzed*

[3] *In lieu of laboratory analyes of benzene, toluene, ethylbenzene and total xylenes.*

[4] *Chloride residuals may not be capable of impacting local groundwaterabove the NMWQCCstandard of 250 mg/L*

TABLE 4

Summary of Monitor Well Groundwater Analytical Results

DCP Midstream, LLC - J-4-2 (Ref. #130028)

Monitor Well	Depth (feet)	Sample Date	PID Reading (ppm)	Field Chloride (mg/Kg)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	Carbon Ranges (C6-C12)	Carbon Ranges (C12-C28)	Carbon Ranges (C28-C35)	Total TPH (C6-C35)	Chloride (mg/L)
TMW-1	--	23-Sep-05	--	--	**766**	1,190	135	1,135	**3,226**	--	--	--	--	**944**
MW-1	--	14-Feb-06	--	--	**139**	326	34	313	**812**	--	--	--	--	--
MW-3	2	14-Feb-06	--	--	<1	<1	<1	<3	<6	--	--	--	--	--
NMOCD Remedial Thresholds			**100**[3]		**10**				**50**				**100**	**250**[4]

[1] ***Bolded*** *values are in excess of the NMOCD Remediation Thresholds*

[2] *-- : Not Analyzed*

[3] *In lieu of laboratory analyes of benzene, toluene, ethylbenzene and total xylenes.*

[4] *Chloride residuals may not be capable of impacting local groundwaterabove the NMWQCCstandard of 250 mg/L*

TABLE 5

Summary of Excavation Soil Sample Field Analyses and Laboratory Analytical Results

DCP Midstream, L.P.

J-4-2 Release Area (NMOCD Ref.#1RP; EPI Ref.# 130028)

Sample I.D.	Depth (feet)	Soil Status	Sample Date	PID Field Analysis (ppm)	Field Chloride Analyses (mg/Kg)	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Total Xylenes (mg/Kg)	Total BTEX (mg/Kg)	GRO (C10-C10) (mg/Kg)	DRO (C10-C28) (mg/Kg)	Total Hydrocarbons (C6-C35) (mg/Kg)	Chloride (mg/Kg)
SW-1	1.5	Excavation	23-Jul-08	1,717	880	--	--	--	--	--	--	--	--	--
SW-1A	3.5	Excavation	23-Jul-08	1,636	480	--	--	--	--	--	--	--	--	--
SW-1C	3	Excavation	24-Jul-08	1.7	560	--	--	--	--	--	--	--	--	--
SW-1D	7	Excavation	24-Jul-08	1.5	1,040	--	--	--	--	--	--	--	--	--
SW-1E	3	Excavation	24-Jul-08	20.4	320	--	--	--	--	--	--	--	--	--
SW-1F	7	In Situ	24-Jul-08	0.3	1,280	--	--	--	--	--	--	--	--	--
SW-2	1.5	Excavation	23-Jul-08	63.8	480	--	--	--	--	--	--	--	--	--
SW-2A	3.5	Excavation	23-Jul-08	40.8	1,120	--	--	--	--	--	--	--	--	--
SW-2B	5	Excavation	23-Jul-08	0.0	1,760	--	--	--	--	--	--	--	--	--
SW-2C	2.5	Excavation	23-Jul-08	0.0	1,200	--	--	--	--	--	--	--	--	--
SW-2D	3	Excavation	24-Jul-08	12.8	640	--	--	--	--	--	--	--	--	--
SW-2E	7	In Situ	24-Jul-08	9.9	960	--	--	--	--	--	--	--	--	--
SW-3	5	Excavation	24-Jul-08	89.6	1,360	--	--	--	--	--	--	--	--	--
SW-3A	5	Excavation	24-Jul-08	8.4	720	--	--	--	--	--	--	--	--	--
SW-3B	3	Excavation	25-Jul-08	0.6	480	--	--	--	--	--	--	--	--	--
SW-3C	7	In Situ	25-Jul-08	0.0	880	--	--	--	--	--	--	--	--	--
SW-4	5	Excavation	24-Jul-08	1,142	1,360	--	--	--	--	--	--	--	--	--

TABLE 5

Summary of Excavation Soil Sample Field Analyses and Laboratory Analytical Results

DCP Midstream, L.P.

J-4-2 Release Area (NMOCD Ref.#1RP; EPI Ref.# 130028)

Sample I.D.	Depth (feet)	Soil Status	Sample Date	PID Field Analysis (ppm)	Field Chloride Analyses (mg/Kg)	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Total Xylenes (mg/Kg)	Total BTEX (mg/Kg)	GRO (C10-C10) (mg/Kg)	DRO (C10-C28) (mg/Kg)	Total Hydrocarbons (C6-C35) (mg/Kg)	Chloride (mg/Kg)
SW-4A	5	In Situ	24-Jul-08	7.3	1,040	--	--	--	--	--	--	--	--	--
SW-4B	3	Excavation	24-Jul-08	0.3	560	--	--	--	--	--	--	--	--	--
SW-4C	7	Excavation	25-Jul-08	0.1	1,280	--	--	--	--	--	--	--	--	--
SW-5	5	Excavation	24-Jul-08	351	1,520	--	--	--	--	--	--	--	--	--
SW-5A	5	Excavation	24-Jul-08	3.7	400	--	--	--	--	--	--	--	--	--
SW-5B	7	Excavation	25-Jul-08	19	900	--	--	--	--	--	--	--	--	--
SW-5C	3	In Situ	25-Jul-08	13	480	--	--	--	--	--	--	--	--	--
SW-6	5	Excavation	24-Jul-08	16.5	2,240	--	--	--	--	--	--	--	--	--
SW-6A	5	Excavation	24-Jul-08	2.8	2,400	--	--	--	--	--	--	--	--	--
SW-6B	7	Excavation	25-Jul-08	20	1,600	--	--	--	--	--	--	--	--	--
SW-6C	3	In Situ	25-Jul-08	2	1,120	--	--	--	--	--	--	--	--	--
SW-7	3	In Situ	25-Jul-08	12	480	--	--	--	--	--	--	--	--	--
BH-1	7	Excavation	23-Jul-08	1,373	720	--	--	--	--	--	--	--	--	--
BH-1A	10	In Situ	23-Jul-08	1,709	640	--	--	--	--	--	--	--	--	--
BH-2	7	Excavation	23-Jul-08	763	2,080	--	--	--	--	--	--	--	--	--
BH-2A	10	In Situ	23-Jul-08	71.2	1,680	--	--	--	--	--	--	--	--	--
BH-3	10	In Situ	24-Jul-08	112	1,760	--	--	--	--	--	--	--	--	--

TABLE 5

Summary of Excavation Soil Sample Field Analyses and Laboratory Analytical Results

DCP Midstream, L.P.

J-4-2 Release Area (NMOCD Ref.#1RP; EPI Ref.# 130028)

Sample I.D.	Depth (feet)	Soil Status	Sample Date	PID Field Analysis (ppm)	Field Chloride Analyses (mg/Kg)	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Total Xylenes (mg/Kg)	Total BTEX (mg/Kg)	GRO (C10-C10) (mg/Kg)	DRO (C10-C28) (mg/Kg)	Total Hydrocarbons (C6-C35) (mg/Kg)	Chloride (mg/Kg)
BH-4	10	In Situ	24-Jul-08	9.4	2,080	--	--	--	--	--	--	--	--	--
SP-SW3C	3	In Situ	28-Jul-08	9.3	320	--	--	--	--	--	--	--	--	176
SP-SW3C	7	In Situ	28-Jul-08	8.2	1,120	--	--	--	--	--	--	--	--	**432**
SP-SW5C	3	In Situ	28-Jul-08	15.8	240	--	--	--	--	--	--	--	--	--
SP-SW5C	7	In Situ	28-Jul-08	9.9	960	--	--	--	--	--	--	--	--	--
SP-SW6C	3	In Situ	28-Jul-08	16.3	1,040	--	--	--	--	--	--	--	--	--
SP-SW6C	7	In Situ	28-Jul-08	12.7	1,360	--	--	--	--	--	--	--	--	**1,840**
SP-ESNSWW	3	In Situ	28-Jul-08	5.4	400	--	--	--	--	--	--	--	--	224
SP-ESNSWE	3	In Situ	28-Jul-08	12.7	240	--	--	--	--	--	--	--	--	--
SP-ESNSWC	7	In Situ	28-Jul-08	6.9	1,040	--	--	--	--	--	--	--	--	**416**
SP-SW8	2.5	In Situ	28-Jul-08	--	480	--	--	--	--	--	--	--	--	**336**
SP-SW8	4.5	In Situ	28-Jul-08	--	480	--	--	--	--	--	--	--	--	--
SP-SW8	7.5	In Situ	28-Jul-08	--	1,200	--	--	--	--	--	--	--	--	**1,280**
SP-SW9	4.5	In Situ	28-Jul-08	--	640	--	--	--	--	--	--	--	--	--
SP-SW14	3	In Situ	04-Aug-08	0.0	1,600	--	--	--	--	--	--	--	--	--
SP-SW14	7	In Situ	04-Aug-08	0.0	1,200	--	--	--	--	--	--	--	--	--
SP-SW15	3	In Situ	04-Aug-08	0.0	800	--	--	--	--	--	--	--	--	--

TABLE 5

Summary of Excavation Soil Sample Field Analyses and Laboratory Analytical Results

DCP Midstream, L.P.

J-4-2 Release Area (NMOCD Ref.#1RP; EPI Ref.# 130028)

Sample I.D.	Depth (feet)	Soil Status	Sample Date	PID Field Analysis (ppm)	Field Chloride Analyses (mg/Kg)	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Total Xylenes (mg/Kg)	Total BTEX (mg/Kg)	GRO (C10-C10) (mg/Kg)	DRO (C10-C28) (mg/Kg)	Total Hydrocarbons (C6-C35) (mg/Kg)	Chloride (mg/Kg)
SP-SW15	7	In Situ	04-Aug-08	0.0	1,800	--	--	--	--	--	--	--	--	--
SP-SW16	7	In Situ	04-Aug-08	0.0	1,760	--	--	--	--	--	--	--	--	--
SP-SW16	3	In Situ	04-Aug-08	0.0	1,200	--	--	--	--	--	--	--	--	--
SP-SW17	3	In Situ	04-Aug-08	2.3	720	--	--	--	--	--	--	--	--	--
SP-SW17	7	In Situ	04-Aug-08	7.6	1,120	--	--	--	--	--	--	--	--	--
SP-WSTK PL	N/A	Composite (10-pt)	04-Aug-08	--	880	--	--	--	--	--	--	--	--	--
SP-ESTKPL	N/A	Composite (10-pt)	04-Aug-08	--	940	--	--	--	--	--	--	--	--	--
SP-SW10B	3	In Situ	05-Aug-08	--	240	--	--	--	--	--	--	--	--	--
SP-SW10B	7	In Situ	05-Aug-08	--	560	--	--	--	--	--	--	--	--	--
SP-SW11B	3	In Situ	05-Aug-08	--	480	--	--	--	--	--	--	--	--	--
SP-SW11B	7	In Situ	05-Aug-08	--	560	--	--	--	--	--	--	--	--	--
SP-1FCSW	3	In Situ	07-Aug-08	3.2	1,200	<0.050	0.058	<0.050	<0.150	0.0580	<10.0	<10.0	<20.0	**800**
SP-1FCSW	7	In Situ	07-Aug-08	30.3	1,280	--	--	--	--	--	--	--	--	--
SP-2FCSW	3	In Situ	07-Aug-08	21.0	1,300	--	--	--	--	--	--	--	--	--
SP-2FCSW	7	In Situ	07-Aug-08	19.2	1,600	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<20.0	**2,200**
SP-3FCSW	3	In Situ	07-Aug-08	22.1	880	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<20.0	**784**
SP-3FCSW	7	In Situ	07-Aug-08	24.6	1,040	--	--	--	--	--	--	--	--	--

TABLE 5

Summary of Excavation Soil Sample Field Analyses and Laboratory Analytical Results

DCP Midstream, L.P.

J-4-2 Release Area (NMOCD Ref.#1RP; EPI Ref.# 130028)

Sample I.D.	Depth (feet)	Soil Status	Sample Date	PID Field Analysis (ppm)	Field Chloride Analyses (mg/Kg)	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Total Xylenes (mg/Kg)	Total BTEX (mg/Kg)	GRO (C10-C10) (mg/Kg)	DRO (C10-C28) (mg/Kg)	Total Hydrocarbons (C6-C35) (mg/Kg)	Chloride (mg/Kg)
SP-4FCSW	3	In Situ	07-Aug-08	43.8	560	<0.050	0.066	<0.050	<0.150	0.0660	<10.0	<10.0	<20.0	**448**
SP-4FCSW	7	In Situ	07-Aug-08	24.4	800	--	--	--	--	--	--	--	--	--
SP-5FCSW	3	In Situ	07-Aug-08	26.1	280	--	--	--	--	--	--	--	--	--
SP-5FCSW	7	In Situ	07-Aug-08	24.0	560	<0.050	0.124	<0.050	<0.150	0.1240	<10.0	<10.0	<20.0	**480**
SP-6FCSW	3	In Situ	07-Aug-08	19.5	400	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<20.0	**368**
SP-6FCSW	7	In Situ	07-Aug-08	30.5	720	--	--	--	--	--	--	--	--	--
SP-7FCSW	3	In Situ	07-Aug-08	23.2	320	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<20.0	**256**
SP-7FCSW	7	In Situ	07-Aug-08	22.3	720	--	--	--	--	--	--	--	--	--
SP-8FCSW	3	In Situ	07-Aug-08	18.9	1,120	--	--	--	--	--	--	--	--	--
SP-8FCSW	7	In Situ	07-Aug-08	24.4	1,000	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<20.0	**1,680**
SP-9FCSW	3	In Situ	07-Aug-09	22.7	1,120	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<20.0	**1,140**
SP-9FCSW	7	In Situ	07-Aug-08	24.4	420	--	--	--	--	--	--	--	--	--
SP-10FCSW	3	In Situ	07-Aug-08	23.1	320	--	--	--	--	--	--	--	--	--
SP-10FCSW	7	In Situ	07-Aug-08	22.7	880	<0.050	0.071	<0.050	<0.150	0.0710	<10.0	<10.0	<20.0	**944**
SP-11FCSW	3	In Situ	07-Aug-08	40.9	640	<0.050	0.236	<0.050	<0.150	0.2360	<10.0	<10.0	<20.0	**672**
SP-11FCSW	7	In Situ	07-Aug-08	25.0	1,200	--	--	--	--	--	--	--	--	--
SP-12FCSW	3	In Situ	07-Aug-08	25.3	1,080	--	--	--	--	--	--	--	--	--

TABLE 5

Summary of Excavation Soil Sample Field Analyses and Laboratory Analytical Results

DCP Midstream, L.P.

J-4-2 Release Area (NMOCD Ref.#1RP; EPI Ref.# 130028)

Sample I.D.	Depth (feet)	Soil Status	Sample Date	PID Field Analysis (ppm)	Field Chloride Analyses (mg/Kg)	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Total Xylenes (mg/Kg)	Total BTEX (mg/Kg)	GRO (C10-C10) (mg/Kg)	DRO (C10-C28) (mg/Kg)	Total Hydrocarbons (C6-C35) (mg/Kg)	Chloride (mg/Kg)
SP-12FCSW	7	In Situ	07-Aug-08	22.1	1,040	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<20.0	**1,490**
BH-1FC	10	In Situ	07-Aug-08	36.7	1,080	--	--	--	--	--	--	--	--	--
BH-2FC	10	In Situ	07-Aug-08	51.4	800	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<20.0	**992**
BH-3FC	10	In Situ	07-Aug-08	641	560	<0.050	0.077	0.06700	0.26900	0.4130	51.4	889	**940**	**624**
BH-4FC	10	In Situ	07-Aug-08	17.4	500	<0.050	<0.050	<0.050	<0.150	<0.030	<10.0	<10.0	<20.0	**480**
BH-5FC	10	In Situ	07-Aug-08	23.2	400	--	--	--	--	--	--	--	--	--
SP-1	N/A	Stockpile	14-Jan-09	12.4	240	--	--	--	--	--	--	--	--	--
NMOCD Remedial Thresholds				100		10				50			100	250

Bolded values are in excess of NMOCD Remediation Threshold Goals
-- = Not Analyzed
J = Detected, but below the Reporting Limit. Therefore, result is an estimated concentration (CPL J-Fla;
Nomenclature: BH=Bottom Hole Sample; SW= Sidewall (E=East, W=West, S=South and N=North); SP Stockpile

PHOTOGRAPHS

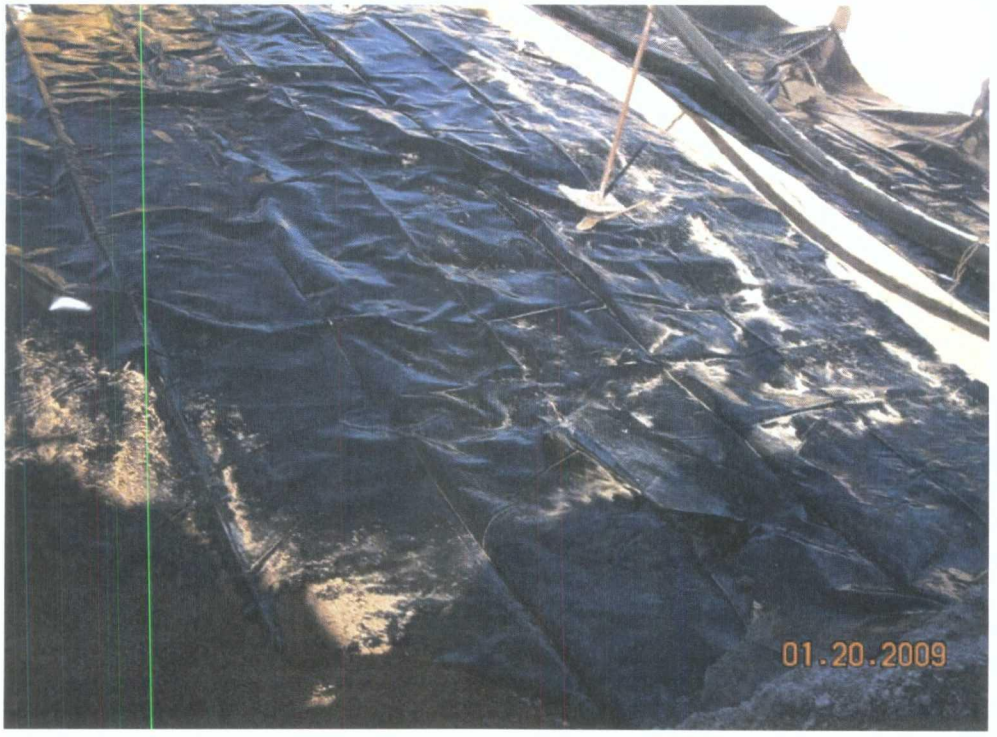
Photograph No. 1 – Looking northeast at impacted release area

Photograph No. 2 – Looking northwesterly at impacted release area

Photograph No. 3 – Looking north at excavation and transmission line

Photograph No. 4 – Looking south at excavation, transmission line and monitor wells

Photograph No. 5 – Looking west at layer of cushion sand on bottom of excavation



Photograph No. 6 – Looking west a 40-mil polyethylene liner

Photograph No. 7 – Looking northwesterly at backfilled excavation

Photograph No. 8 - Looking west at backfilled excavation and monitor wells

ATTACHMENT II

LABORATORY REPORTS AND CHAIN-OF-CUSTODY

NOTE: Laboratory Analytical Results are attached in a Compact Disc (CD) at end of J-4-2 Soil Closure Report

ATTACHMENT III

INFORMATION AND METRIC FORM
INITIAL NMOCD FORM C-141
FINAL NMOCD FORM C-141

Site Information and Metrics	Incident Date: 3 August 2005	NMOCD Notified: 22 September 2005
Site: J-4-2	**Assigned Site Reference #:** 130028	
Company: DCP Midstream, L.P.		
Street Address:		
Mailing Address: 370 17th Street, Ste. 2500		
City, State, Zip: Denver, Colorado 80202		
Representative: Stephen W. Weathers, P.G.		
Representative Telephone: (303) 605-1718 (office)		
Telephone: (303) 619-3042 (cell)		
Fluid volume released (bbls): <5 bbls	**Recovered (bbls):** No Recovery	
>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: J-4-2		
Source of contamination: Internal corrosion of an 8" diameter steel/driscoll transmission line		
Land Owner, i.e., BLM, ST, Fee, Other: State of New Mexico		
LSP Dimensions: 152 feet by 39 feet		
LSP Area: ≈2,800 ft^2		
Location of Reference Point (RP):		
Location distance and direction from RP:		
Latitude: N 32° 38' 18.58"		
Longitude: W 103° 26' 49.02"		
Elevation above mean sea level: 3,740		
Feet from South Section Line:		
Feet from West Section Line:		
Location- Unit or ¼¼: NE¼ of the NW¼	**Unit Letter:** C	
Location- Section: 27		
Location- Township: T19 S		
Location- Range: R 35 E		
Surface water body within 1000 ' radius of site: none		
Domestic water wells within 1000' radius of site: none		
Agricultural water wells within 1000' radius of site: none		
Public water supply wells within 1000' radius of site: none		
Depth from land surface to ground water (DG): ≈ 23		
Depth of contamination (DC): 23		
Depth to ground water (DG – DC = DtGW): 0 feet		

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 = 20	*Wellhead Protection Area Score= 0*	*Surface Water Score= 0*

Site Rank (1+2+3) = 20

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	1,000 ppm	5,000 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 March 17, 1999

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 DCP Midstream, L.P.	**Contact** Stephen W. Weathers, P.G.
Address 370 17th Street, Suite 2500, Denver, Colorado 80202	**Telephone No.** (303) 605-1718
Facility Name J-4-2	**Facility Type** 8" Steel/Driscoll Transmission Line

Surface Owner State of New Mexico	**Mineral Owner**	**Lease No.**

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the North/South Line	Feet from the East/West Line	
C	27	T19S	R35E			**County:** Lea **Lat.** N 32° 38' 18.85" **Lon.** W 103° 26' 49.02"

NATURE OF RELEASE

Type of Release Natural Gas and Natural Gas Liquids	**Volume of Release** <5 barrels	**Volume Recovered** No Recovery
Source of Release Internal corrosion or an 8" steel/driscoll transmission line operating at 15 to 25 psi.	**Date and Hour of Occurrence** August 3, 2005	**Date and Hour of Discovery** August 3, 2005
Was Immediate Notice Given? ☐ Yes ☐ No ☒ Not Required	**If YES, To Whom?**	
By Whom?	**Not Required**	
Was a Watercourse Reached? ☐ Yes ☒ No	**If YES, Volume Impacting the Watercourse.** NA	

If a Watercourse was Impacted, Describe Fully.*
NA

Describe Cause of Problem and Remedial Action Taken.*The release occurred due to internal corrosion of an 8" steel/driscoll transmission line. The line was shut in, the leak origin excavated and a section of the line replaced. Soil borings have been advanced at the site to delineate the extent of contamination and a temporary monitoring well installed to determine if groundwater has been impacted due to the release.

Describe Area Affected and Cleanup Action Taken.*
Soil contaminated above the NMOCD Remedial Guidelines will be disposed of at an approved facility or remediated on site. Remedial Goals: TPH = 100 mg/Kg, benzene = 10 mg/Kg, and BTEX = 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:	**OIL CONSERVATION DIVISION**	
Printed Name: Lynn Ward **E-mail Address:** lcward@duke-energy.com	**Approved by District Supervisor:**	
Title: Senior Environmental Specialist	**Approval Date:**	**Expiration Date:**
Date: **Phone:** (432) 620-4207	**Conditions of Approval:**	**Attached** ☐

* Attach Additional Sheets If Necessary

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 March 17, 1999

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 DCP Midstream, L.P.	**Contact** Stephen W. Weathers, P.G.
Address 370 17th Street, Suite 2500, Denver, Colorado 80202	**Telephone No.** (303) 605-1718
Facility Name J-4-2	**Facility Type** 8" diameter Steel/Driscoll Transmission Line

Surface Owner	**Mineral Owner**	**Lease No.**
State of New Mexico		

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the North/South Line	Feet from the East/West Line	County: Lea
C	27	T19S	R35E			Lat. N 32° 38' 18.85" Lon. W 103° 26' 49.02"

NATURE OF RELEASE

Type of Release Natural Gas and Natural Gas Liquids	**Volume of Release** <5 barrels	**Volume Recovered** No Recovery of liquids
Source of Release Internal corrosion or an 8" diameter steel/driscoll transmission line operating at 15 to 25 psi.	**Date and Hour of Occurrence** August 3, 2005	**Date and Hour of Discovery** August 3, 2005
Was Immediate Notice Given? ☐ Yes ☐ No ☒ Not Required	**If YES, To Whom?**	
By Whom?	**Not Required**	
Was a Watercourse Reached? ☐ Yes ☒ No	**If YES, Volume Impacting the Watercourse.** NA	

If a Watercourse was Impacted, Describe Fully.*
NA

Describe Cause of Problem and Remedial Action Taken.* The release occurred due to internal corrosion of an 8" steel/driscoll transmission line. The line was shut in, the leak origin excavated and a section of the line replaced. Soil borings have been advanced at the site to delineate the extent of contamination and a temporary monitoring well installed to determine if groundwater has been impacted due to the release.

Describe Area Affected and Cleanup Action Taken.* Released natural gas and natural gas liquids covered an original surface area of ±2,800 s.f.; advancement of soil borings indicated while installation of MW confirmed groundwater was impacted; installed seven (7) Monitor Wells for abatement purposes; excavated ±5,348 c.y. of impacted material from a surface area of ±9,400 s.f. to a depth of ±10 feet; transported impacted material to CRI Land Farm for disposal; leveled bottom of excavation with caliche; installed 40-mil polyethylene liner sandwiched between two (2) foot thick layers of cushion sand; backfilled excavation with caliche from top of cushion sand to within three (3) feet or original ground surface and remainder with clean top soil; restored and repaired lease roads; contoured disturbed areas to allow natural drainage; propose disking and seeding pasture area with a blend preferred by the NMSLO in late spring 2009.

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:	**OIL CONSERVATION DIVISION**
Printed Name: Stephen W. Weathers, P.G. **E-mail Address:** SWWeathers@dcpmidstream.com	**Approved by District Supervisor:**
Title: Principal Environmental Specialist	**Approval Date:** / **Expiration Date:**
Date: 5/6/09 **Phone:** (303) 605-1718	**Conditions of Approval:** / **Attached** ☐

* Attach Additional Sheets If Necessary