8 July 2009

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

1RP# 09.6.2219

RE: Remediation Proposal
Exxon Mobil – J. L. Greenwood #15 Release Area
UL-M (SW ¼ of the SW ¼) of Section 09, T 22 S, R 37 E
Longitude: N 32° 24' 07.87"; Latitude: W 103° 10' 19.62"
Lea County, New Mexico
EPI Ref. #190036

Mr. Johnson:

On June 20, 2009 approximately 5.28 barrels of petroleum and 23.20 barrels of water were released from a corroded two and seven-eighths (2-7/8) inch diameter production unburied flow line covering an unknown square footage of surface area. An independent contractor mobilized to the release area to stem flow and solidify fluids using in situ material. Similarly, a vacuum truck recovered approximately 3 barrels of oil and 12 barrels of produced water. Environmental Plus, Inc., (EPI) arrived at the release site the same day and started emergency remediation. This letter report documents results of delineation and remediation activities while providing a *Remediation Proposal*.

Site Background

The Site is located in UL-M (SW ¼ of the SW ¼) of Section 09, T 22 S, R 37 E at an approximate elevation of 3,405 feet above mean sea level (amsl). The property is owned by C & Z Properties, P.O. Box 1733, Eunice, New Mexico 88231. 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). Nine (9) USGS wells and no surface water features exist within a 1,000 feet radius of the Site (reference *Figure 2*). Groundwater data indicates average water depth is approximately 75 feet below ground surface (bgs). Based on available information, projected distance between impacted soil and groundwater is approximately 64 vertical feet. Utilizing this information, New Mexico Oil Conservation Division (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 Standards of 250 mg/L

P O Box 15[illegible] ••• 2 [illegible] Avenue O ••• [illegible] New Mexico 88231
[illegible] 575-394-3481 ••• FAX 575-394-2[illegible]

Field Work

On June 20, 2009 EPI mobilized to an Emergency Response and started preventative remediation activities within the release area. Soil contaminated with petroleum products was blended with clean soil to solidify the material. Excavated material was placed on plastic liners to prevent contamination of surrounding areas. A temporary barbed wire fence was erected around the stockpiled material. EPI also performed assessment and photographed the site during the Emergency Response. EPI returned to the release area on June 22, 2009 to continue with sub- and surface remediation of contaminated material. Soil samples collected in areas indicating high chloride or TPH concentrations were excavated to whatever width and depth necessary for removal of impacted material. From June 22 – 25, 2009 approximately 630 cubic yards of impacted material were transported to Sundance Services, Inc., for disposal. During excavating activities, field analyses were conducted for Total Petroleum Hydrocarbons (TPH) and chloride concentrations. A LaMotte Chloride Test Kit (Titration Method) and Photoionization Detector (PID) were used for analyses of chloride and TPH concentrations, respectively. Extreme care was exerted during excavation activities to prevent damage to existing Rice Operating Company pipelines which traverses east of the original release point.

Soil samples designated for laboratory analyses were immediately placed in laboratory provided containers, appropriately labeled, placed in ice and transported to Cardinal Laboratory, Hobbs, New Mexico for quantification of TPH and chloride concentrations.

Analytical Data

Soil samples collected and field analyzed for chloride concentrations on June 22, 23 and portion (BH-1 & -1A; BH-2 & -2A and SW-1) of June 25, 2009 were mostly confined to an area immediately surrounding the release point. Soil samples collected and field analyzed of June 24 and portion (SP-1, -2, -3 and SP-4) of June 25, 2009 were mostly confined to a "finger" of runoff release area extending east of the original release point (Ref. Figure #3, *Site Map*). The latter soil samples were transported to Cardinal Lab for analyses of chloride and TPH concentrations. A review of Table 2, *Summary of Soil Sample Field Analyses and Laboratory Analytical Results*, is indicative of subsurface contamination and effort exerted to remove impacted material.

Site Remedial Proposal

EPI proposes continuing delineation of the release area via use of a backhoe or track hoe. Surface area and depth of excavation will be determined by extent of impacted material. Sidewalls and bottom of the excavation will be field analyzed primarily for chloride concentrations interspersed with random tests for TPH constituents. Upon satisfactory field analyses results, soil samples collected will be sent to an independent laboratory for analytical verification. With receipt of laboratory analytical results indicating sidewalls and bottom of excavation are below NMOCD parameters for chloride and TPH concentrations, EPI will complete remedial activities.

Following completion of excavation activities and disposal of impacted material, the excavation will be backfilled. Areas where excavation depths exceed three (3) vertical feet will be backfilled with caliche until this depth is achieved. In grazing areas, remainder of the excavation will be backfilled from top of caliche to original ground surface with clean top soil. Top soil will be free

of rocks, large clumps and deleterious material. Although no production fluid appears to have inundated the existing lease road, a combination of rain mixed with equipment use has caused surface damage. Upon completion of backfilling operations, the lease road will be repaired.

Care will be exercised when backfilling around the existing surface flow line. Preliminary information indicates the surface flow line has been isolated and will be inspected for possible replacement.

In grazing land the entire disturbed area is to be contoured for natural drainage and prevent wind/water erosion. These areas will be disked and drill seeded with a mixture approved by the property owner. Lease road will be contoured to render shedding of water with sufficient bar ditches to convey drainage away from roadway.

Upon approval of the *Remediation Proposal*, EPI will continue remedial phase of the project. At conclusion of the project, a *Site Closure Report* will be submitted to NMOCD, ExxonMobil Corporation and property owner.

Should you have any technical questions or concerns, please contact me at (575) 394-3481 (office), (575) 441-7802 (mobile) or via email at dduncan@envplus.net.

Official communications should be directed to Mr. Shelby Pennington at (432) 266-1454 (mobile), (432) 596-4211 ext. 14 (office) or via email at shelby.g.pennington@exxonmobil.com with correspondence addressed to:

Mr. Shelby Pennington
Senior Operations Compliance Technician
ExxonMobil Corporation
6810 NW 8000
Andrews, Texas 79714

Sincerely,

ENVIRONMENTAL PLUS, INC.

David P. Duncan
Civil Engineer

Cc: Shelby Pennington, Sr. Operations Compliance Technician, ExxonMobil Corporation
Cody Miller, General Manager - EPI
Roger Boone, Operations Superintendent - EPI

Encl: Figure 1 – Area Map
Figure 2 – Site Location Map
Figure 3 – Site Map

FIGURES

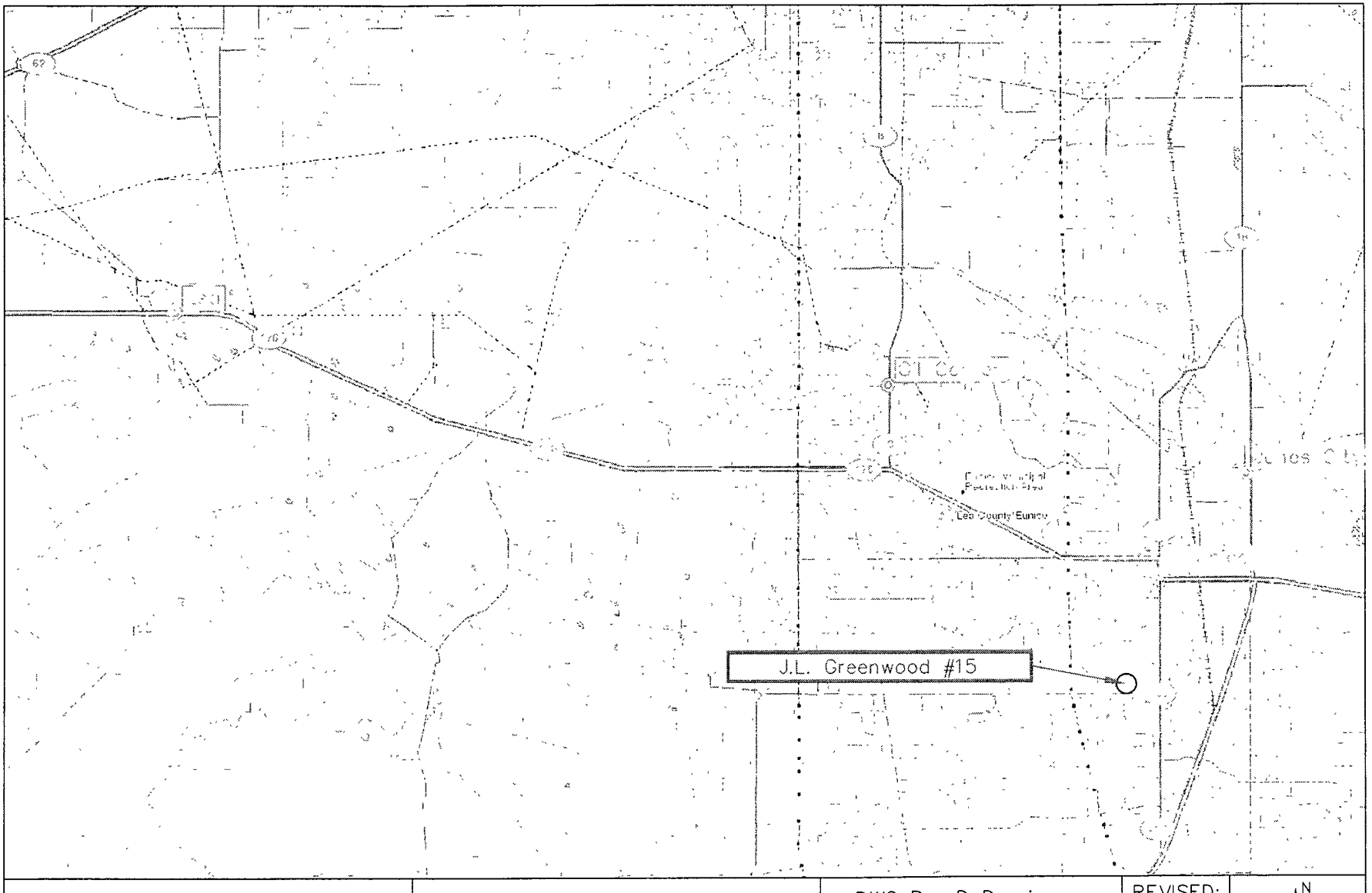

Figure 1 Area Map ExxonMobil J.L. Greenwood #15	Lea County, New Mexico SW 1/4 of the SW 1/4, Sec. 9, T22S, R37E N 32° 24' 07.87" W 103° 10' 19.62" Elevation: 3,405 feet amsl	DWG By: D Dominguez July 2009 0 3 6 Miles	REVISED: SHEET 1 of 1

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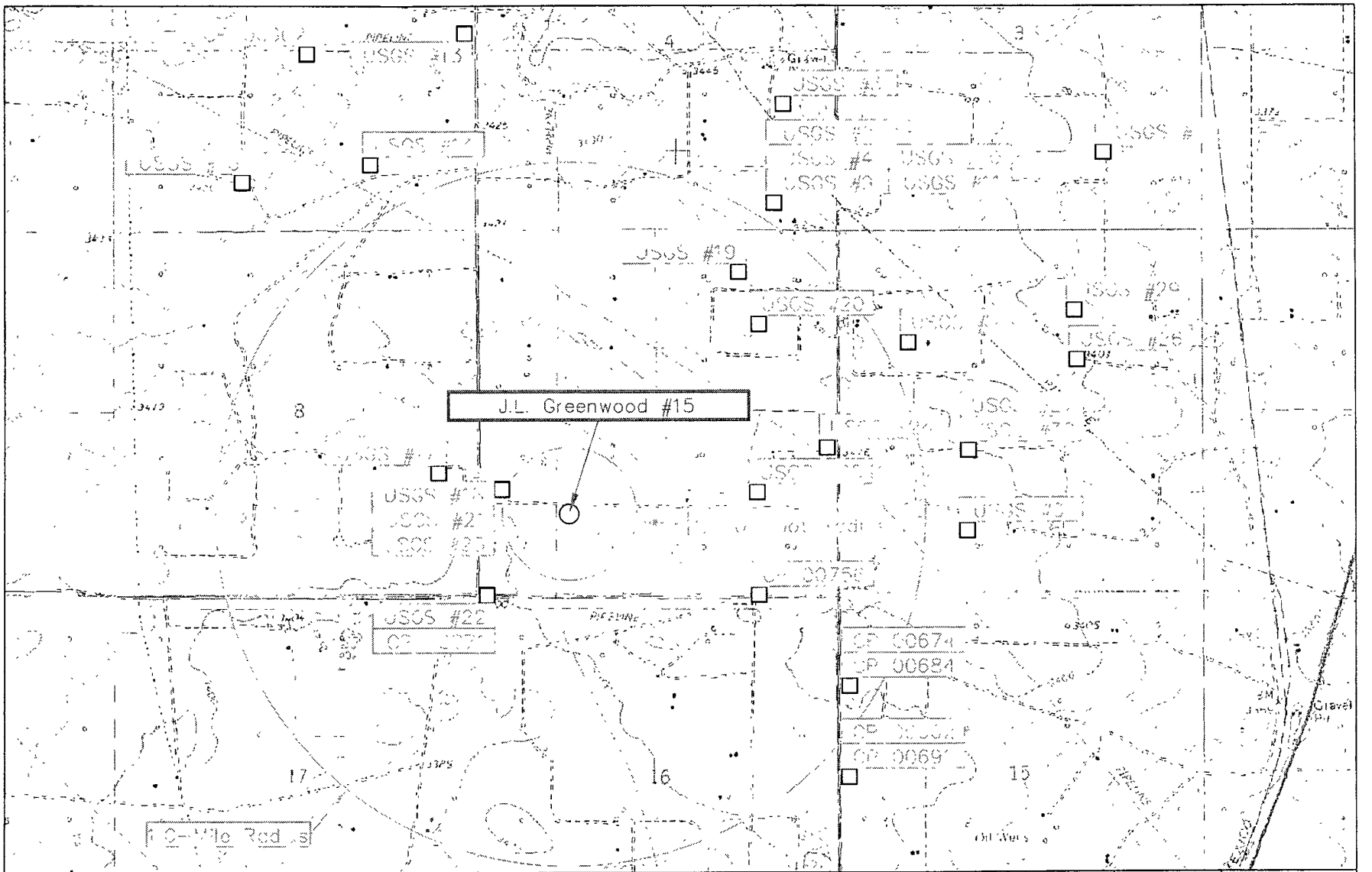


Figure 2 Site Location Map ExxonMobil J.L. Greenwood #15	Lea County, New Mexico SW 1/4 of the SW 1/4, Sec. 9, T22S, R37E N 32° 24' 07.87" W 103° 10' 19.62" Elevation: 3,405 feet amsl	DWG By: D Dominguez July 2009 0 2,000 4,000 Feet	REVISED: SHEET 1 of 1

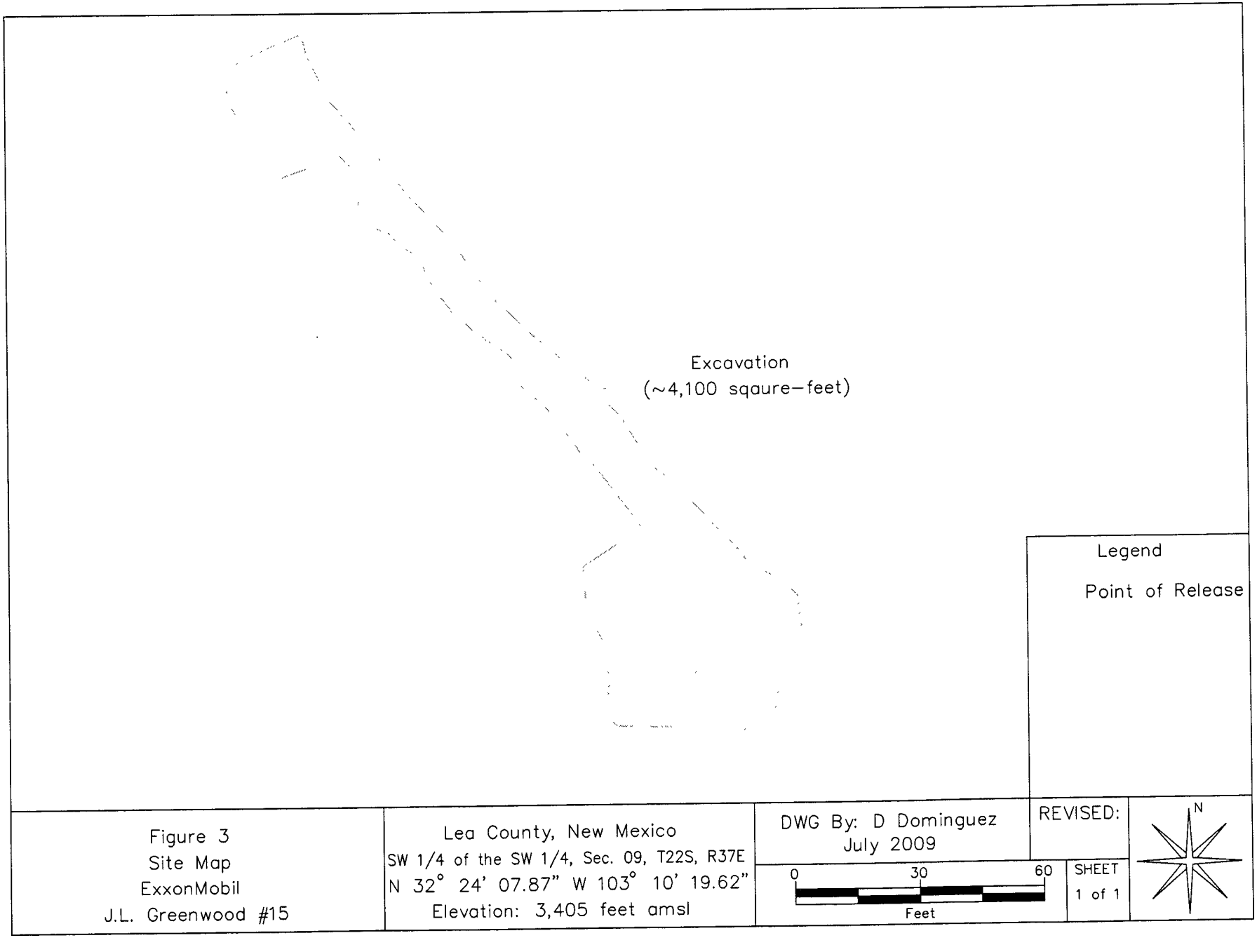


Figure 3 Site Map ExxonMobil J.L. Greenwood #15	Lea County, New Mexico SW 1/4 of the SW 1/4, Sec. 09, T22S, R37E N 32° 24' 07.87" W 103° 10' 19.62" Elevation: 3,405 feet amsl	DWG By: D Dominguez July 2009	REVISED: SHEET 1 of 1	

TABLES

TABLE 1

WELL INFORMATION REPORT*

ExxonMobil - J.L. Greenwood #15 (Ref #190036)

Well Number	Diversion[A]	Owner	Use	Twsp	Rng	Sec q q q	Latitude	Longitude	Date Measured	Surface Elevation[B]	Depth to Water (ft bgs)
CP 00756	3	CHARLIE BETTIS	DOM	22S	37E	9 4 4 2	N32° 23' 56 34"	W103° 09' 47 53"	30-Oct-90	3,411	85
CP 00871	3	BILL OR BARBARA TRULL	DOM	22S	37E	9 3	N32° 23' 56 30"	W103° 10' 33 67"	29-Sep-97	3,405	94
CP 00666	3	LARRY HENSON	DOM	22S	37E	5 2	N32° 25' 14 55"	W103° 11' 4 49"	27-Aug-84	3,435	79
CP 00662	3	GEORGE SCHELLER	DOM	22S	37E	15 1 3 3	N32° 23' 30 26"	W103° 09' 32 15"	20-Jul-83	3,406	150
CP 00674	3	WARREN & VERNA HUGHES	DOM	22S	37E	15 1 1	N32° 23' 43 31"	W103° 09' 32 15"	27-Mar-85	3,406	75
CP 00684	3	WARREN & VUNA HUGHES	MUL	22S	37E	15 1 1	N32° 23' 43 31"	W103° 09' 32 15"	01-Aug-85	3,406	180
CP 00699	3	MARTIN CARRASCO	DOM	22S	37E	15 1	N32° 23' 30 26"	W103° 09' 32 15"	02-Jun-86	3,406	100
USGS #1				22S	37E	3 4 3 2			27-Jan-76		32 58
USGS #2				22S	37E	4 4 4 3			16-Nov-65		83 15
USGS #3				22S	37E	4 2 3 2			06-Mar-54		114 81
USGS #4				22S	37E	4 4 4 3			22-Jan-76		83 59
USGS #9				22S	37E	4 4 4 3			27-Feb-86		77 8
USGS #10				22S	37E	4 4 4 3			02-May-91		80 54
USGS #11				22S	37E	4 4 4 3			22-Jan-76		85 72
USGS #13				22S	37E	5 2 4 4			02-May-91		82 45
USGS #14				22S	37E	5 4 3 2			15-Feb-96		76 99
USGS #16				22S	37E	5 3 4 1			07-Mar-68		48 03
USGS #17				22S	37E	8 4 2 4			02-May-91		71 48
USGS #18				22S	37E	9 3 1 3			07-Mar-68		81 69R
USGS #19				22S	37E	9 2 1 2			17-Mar-81		76 2
USGS #20				22S	37E	9 2 2 3			22-Jan-76		78 57
USGS #21				22S	37E	9 3 1 3			29-Sep-53		72 74
USGS #22				22S	37E	9 3 3 3			08-Mar-96		74 66
USGS #23				22S	37E	9 3 1 3			07-Mar-68		71 68R
USGS #24				22S	37E	9 4 2 2			02-May-91		81 1
USGS #25				22S	37E	9 4 2 3			29-Sep-53		85 51
USGS #26				22S	37E	10 2 3 2			27-Jan-76		54 44
USGS #27				22S	37E	10 3 2 1			27-Jan-76		69 54
USGS #28				22S	37E	10 1 3 2			27-Jan-76		65 59
USGS #29				22S	37E	10 2 4 3			27-Jan-76		41 88
USGS #30				22S	37E	10 3 2 1			17-Mar-81		66 05
USGS #31				22S	37E	10 3 4 1			15-Feb-96		91 64
CP 00679	3	FRED FERBRACHE	DOM	22S	37E	15 3 3	N32° 23' 4 17"	W103° 09' 32 14"	20-May-85	3,384	98
CP 00708	3	ROBERT A CUETO	DOM	22S	37E	15	N32° 23' 4 17"	W103° 09' 32 14"	15-Apr-87	3,384	185
CP 00709	3	JAMES D SMITH	DOM	22S	37E	15 3 4 2	N32° 23' 4 17"	W103° 09' 16.78"	29-Apr-87	3,389	87
USGS #5				22S	37E	4 1 4 1			25-Jul-66		115 8
USGS #6				22S	37E	4 2 2 3			15-Feb-96		93 07
USGS #7				22S	37E	4 2 2 3			29-Sep-53		108 16
USGS #8				22S	37E	4 2 3 2			28-Sep-53		90 12
USGS #12				22S	37E	5 2 1 2			02-May-91		98 18
USGS #15				22S	37E	5 2 2 4			01-Dec-65		105 84
USGS #32				22S	37E	15 3 3 3			27-Feb-86		81 53

TABLE 1

WELL INFORMATION REPORT*

ExxonMobil - J.L. Greenwood #15 (Ref #190036)

Well Number	Diversion[A]	Owner	Use	Twsp	Rng	Sec q q q	Latitude	Longitude	Date Measured	Surface Elevation[B]	Depth to Water (ft bgs)
USGS #33				22S	37E	15 3 3 3			27-Feb-86		80.84
USGS #34				22S	37E	16 4 1 3			27-Feb-96		82.23
USGS #35				22S	37E	16 4 4 3			28-Sep-53		79.93
USGS #36				22S	37E	17 4 1 4			18-Mar-81		71.86
USGS #37				22S	37E	17 4 3 4			15-Feb-96		64.52

* = Data obtained from the New Mexico Office of the State Engineer Website (http://iwaters.ose.state.nm.us:7001/iWATERS/wr_RegisServlet1) and USGS Database

A = in acre feet per annum

B = Interpolated from USGS Topographical Map

MUL = 72-12-1 Multiple domestic households

DOM = Domestic one household

(quarters are 1=NW, 2=NE, 3=SW, 4=SE)

(quarters are biggest to smallest - X Y are in Feet - UTM are in Meters)

Shaded area indicates wells not shown on Figure 2

TABLE 2

Summary Excavation Soil Sample Field Analyses and Laboratory Analytical Results

Exxon Mobil - J.L. Greenwood Release Site

NMOCD Ref. ; EPI Ref. #190036

Sample ID	Depth (feet)	Soil Status	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-C10 (mg/Kg)	Carbon Ranges C10-C28 (mg/Kg)	TPH (mg/Kg)	Chloride (mg/Kg)
SSW-1	1	Excavated	22-Jun-09	--	>4,000	--	--	--	--	--	--	--	--	--
SSW-1A	1	Excavated	23-Jun-09	--	>4,000	--	--	--	--	--	--	--	--	--
SSW-1B	1	In situ	23-Jun-09	--	160	--	--	--	--	--	--	--	--	--
SSW-2	1	Excavated	22-Jun-09	--	>4,000	--	--	--	--	--	--	--	--	--
SSW-2A	1	Excavated	22-Jun-09	--	>4,000	--	--	--	--	--	--	--	--	--
SSW-2B	1	In situ	22-Jun-09	--	160	--	--	--	--	--	--	--	--	--
ESW-1	1	In situ	22-Jun-09	--	240	--	--	--	--	--	--	--	--	--
BH-1	2	Excavated	22-Jun-09	--	640	--	--	--	--	--	--	--	--	--
BH-1A	3	In situ	22-Jun-09	--	80	--	--	--	--	--	--	--	--	--
NSW-1	0 5	Excavated	22-Jun-09	--	>4,000	--	--	--	--	--	--	--	--	--
NSW-1A	3	Excavated	22-Jun-09	--	>4,000	--	--	--	--	--	--	--	--	--
WSW-1	3	In situ	22-Jun-09	--	160	--	--	--	--	--	--	--	--	--
SSW-3	3	Excavated	22-Jun-09	--	>4,000	--	--	--	--	--	--	--	--	--
BH-2	4	Excavated	22-Jun-09	--	>4,000	--	--	--	--	--	--	--	--	--
BH-2A	6	Excavated	23-Jun-09	--	>4,000	--	--	--	--	--	--	--	--	--
BH-3	5	In situ	22-Jun-09	--	160	--	--	--	--	--	--	--	--	--
SSW-4	3	Excavated	22-Jun-09	--	<4,000	--	--	--	--	--	--	--	--	--
NBH-1	4 5	Excavated	22-Jun-09	--	720	--	--	--	--	--	--	--	--	--
WSW-1	3	Excavated	23-Jun-09	--	>4,000	--	--	--	--	--	--	--	--	--
WSW-1A	3	Excavated	23-Jun-09	--	>4,000	--	--	--	--	--	--	--	--	--
NSW-1	3	Excavated	23-Jun-09	--	>4,000	--	--	--	--	--	--	--	--	--

TABLE 2

Summary Excavation Soil Sample Field Analyses and Laboratory Analytical Results

Exxon Mobil - J.L. Greenwood Release Site

NMOCD Ref. ; EPI Ref. #190036

Sample ID	Depth (feet)	Soil Status	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-C10 (mg/Kg)	Carbon Ranges C10-C28 (mg/Kg)	TPH (mg/Kg)	Chloride (mg/Kg)
WSW-2	3	In situ	23-Jun-09	--	880	--	--	--	--	--	--	--	--	--
ESW-1	4	In situ	23-Jun-09	--	800	--	--	--	--	--	--	--	--	--
BH-3	6	In situ	23-Jun-09	--	240	--	--	--	--	--	--	--	--	--
ESW-2	4	Excavated	23-Jun-09	--	4,000	--	--	--	--	--	--	--	--	--
BH-4	4	In situ	23-Jun-09	--	160	--	--	--	--	--	--	--	--	--
BH-5	4	Excavated	23-Jun-09	--	>4,000	--	--	--	--	--	--	--	--	--
SP-1	2	In situ	24-Jun-09	30 6	160	--	--	--	--	--	--	--	--	--
SP-2B	2	In situ	24-Jun-09	86	1,800	--	--	--	--	--	--	--	--	--
SP-2BE	1	In situ	24-Jun-09	4.1	160	--	--	--	--	--	--	--	--	--
SP-2BW	1	In situ	24-Jun-09	2 9	160	--	--	--	--	--	--	--	--	--
SP-3B	2	In situ	24-Jun-09	0 4	120	--	--	--	--	--	--	--	--	--
SP-3BE	1	In situ	24-Jun-09	6 6	160	--	--	--	--	--	--	--	--	--
SP-3BW	1	In situ	24-Jun-09	0 0	160	--	--	--	--	--	--	--	--	--
SP-4B	3	In situ	24-Jun-09	4 2	80	--	--	--	--	--	--	--	--	--
SP-4BE	1 5	In situ	24-Jun-09	6 8	160	--	--	--	--	--	--	--	--	--
SP-4W	1	In situ	24-Jun-09	0 0	80	--	--	--	--	--	--	--	--	--
SP-1	2	In situ	25-Jun-09	15 9	160	--	--	--	--	--	<10 0	498	498	96
SP-2	3	In situ	25-Jun-09	1 8	120	--	--	--	--	--	<10 0	<10 0	<20 0	<16
SP-3	2	In situ	25-Jun-09	6 2	120	--	--	--	--	--	<10 0	67 7	67 7	64
SP-4	2	In situ	25-Jun-09	12 4	240	--	--	--	--	--	<10 0	147	147	144
BH-1	9	Excavated	25-Jun-09	--	1,600	--	--	--	--	--	--	--	--	--
BH-1A	11	In situ	25-Jun-09	--	200	--	--	--	--	--	--	--	--	--
SW-1	5	In situ	25-Jun-09	--	480	--	--	--	--	--	--	--	--	--

TABLE 2

Summary Excavation Soil Sample Field Analyses and Laboratory Analytical Results

Exxon Mobil - J.L. Greenwood Release Site

NMOCD Ref. ; EPI Ref. #190036

Sample ID	Depth (feet)	Soil Status	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-C10 (mg/Kg)	Carbon Ranges C10-C28 (mg/Kg)	TPH (mg/Kg)	Chloride (mg/Kg)
BH-2	9	Excavated	25-Jun-09	--	400	--	--	--	--	--	--	--	--	--
BH-2A	11	In situ	25-Jun-09	--	240	--	--	--	--	--	--	--	--	--
BH-1	11	In situ	06-Jul-09	--	160	--	--	--	--	--	--	--	--	--
BH-2	11	In situ	06-Jul-09	--	160	--	--	--	--	--	--	--	--	--
BH-3	10	In situ	06-Jul-09	--	200	--	--	--	--	--	--	--	--	--
BH-4	10	In situ	06-Jul-09	--	200	--	--	--	--	--	--	--	--	--
WSW-1	6	In situ	06-Jul-09	--	160	--	--	--	--	--	--	--	--	--
WSW-2	6	In situ	06-Jul-09	--	200	--	--	--	--	--	--	--	--	--
WSW-3	5	Excavated	06-Jul-09	--	>4,000	--	--	--	--	--	--	--	--	--
ESW-1	5	In situ	06-Jul-09	--	200	--	--	--	--	--	--	--	--	--
ESW-2	8	In situ	06-Jul-09	--	240	--	--	--	--	--	--	--	--	--
ESW-3	6	In situ	06-Jul-09	--	240	--	--	--	--	--	--	--	--	--
ESW-4	7	In situ	06-Jul-09	--	240	--	--	--	--	--	--	--	--	--
SSW-1	5	In situ	06-Jul-09	--	200	--	--	--	--	--	--	--	--	--
SW-2	8	In situ	06-Jul-09	--	200	--	--	--	--	--	--	--	--	--
NMOCD Remedial Thresholds				100		10				50			100	250

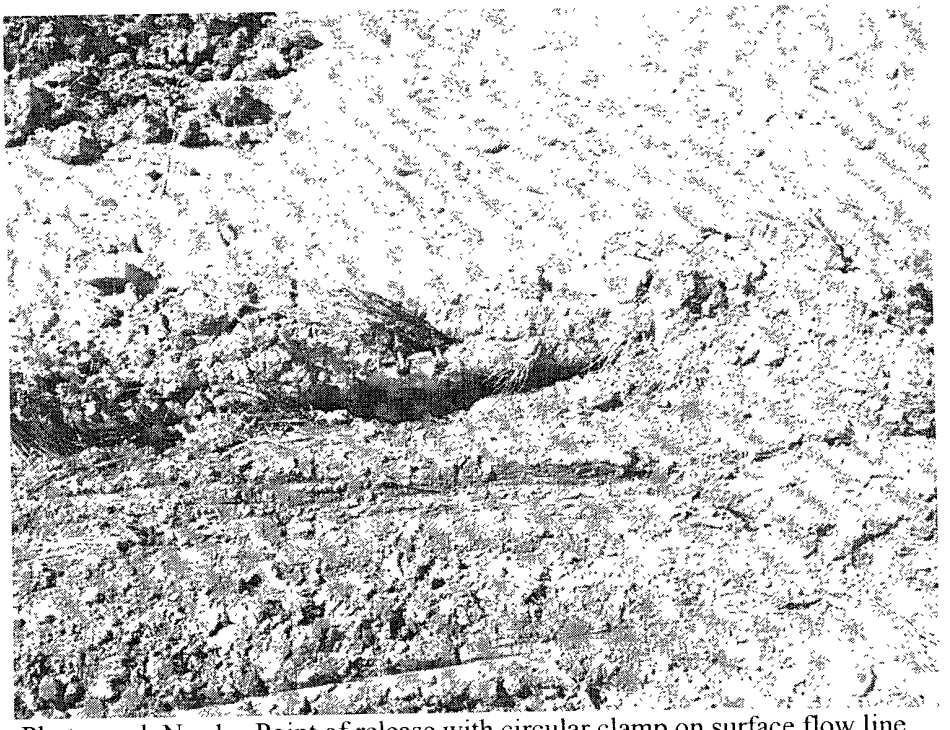
values exceed NMOCD remedial threshold goals

-- Not Analyzed

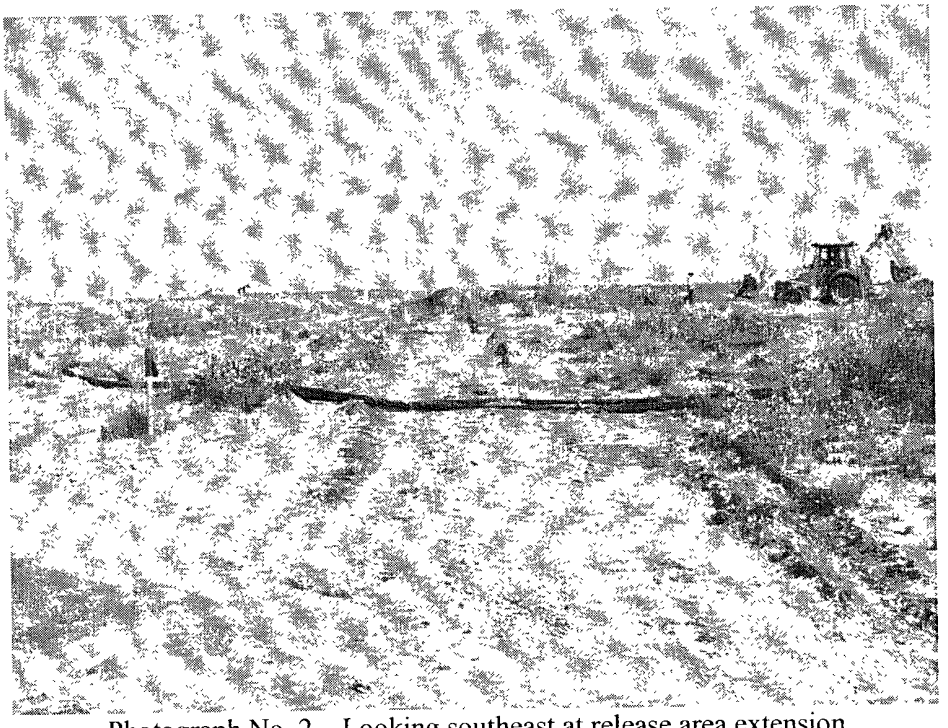
Soil Sample Nomenclature: BH Bottom Hole SW Sidewall E East, W West N North and S South

ATTACHMENTS

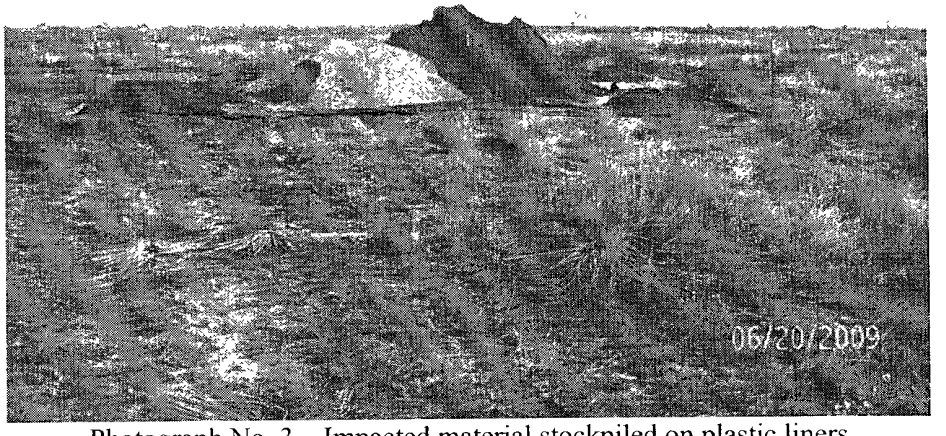
ATTACHMENT I
PHOTOGRAPHS



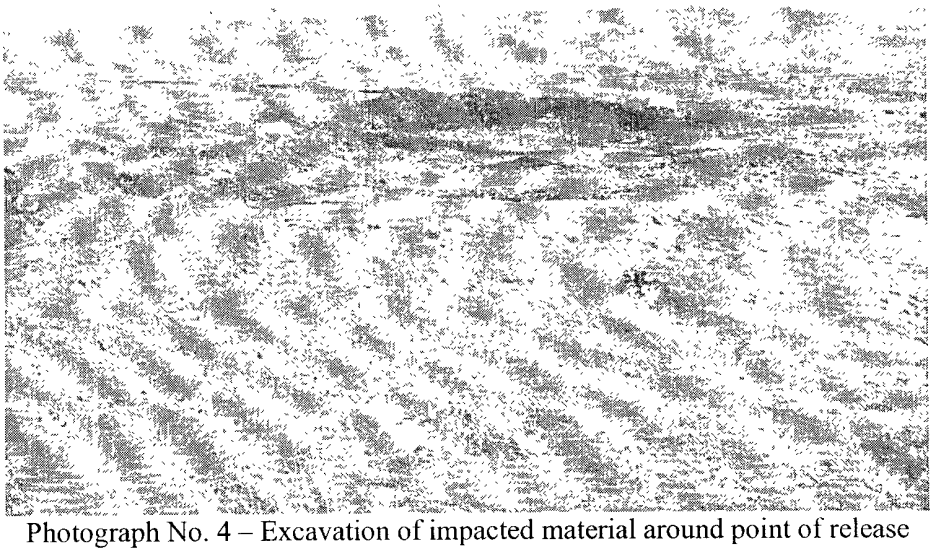
Photograph No. 1 – Point of release with circular clamp on surface flow line



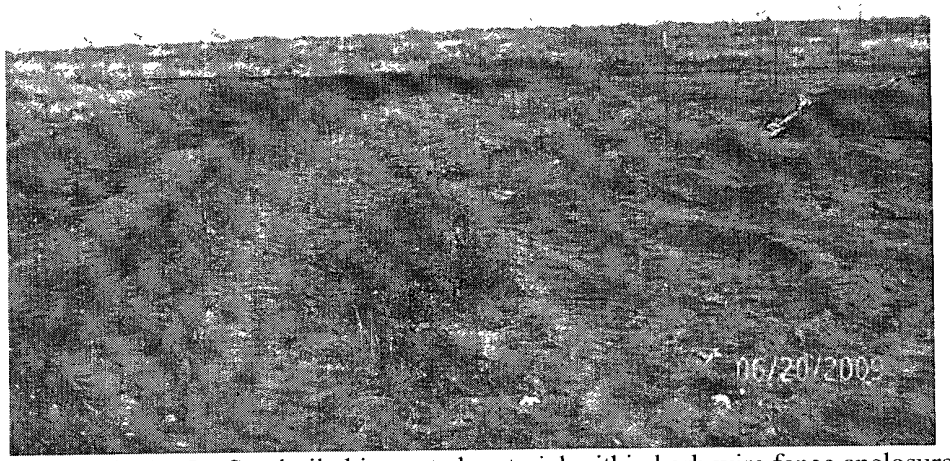
Photograph No. 2 – Looking southeast at release area extension



Photograph No. 3 – Impacted material stockpiled on plastic liners



Photograph No. 4 – Excavation of impacted material around point of release



Photograph No. 5 – Stockpiled impacted material within barb wire fence enclosure

Photograph No. 6 – Flow line near point of release with impacted material temporarily stockpiled

ATTACHMENT II
LABORATORY ANALYTICAL DATA
AND
CHAIN-OF-CUSTODY FORM

CARDINAL LABORATORIES

PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

June 26, 2009

David P. Duncan
Environmental Plus, Inc
P O. Box 1558
Eunice, NM 88231

Re. J L. Greenwood #15

Enclosed are the results of analyses for sample number H17699, received by the laboratory on 06/25/09 at 9 12 am

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method SW-846 8260	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method TX 1005	Total Petroleum Hydrocarbons

Certificate number T104704398-08-TX Accreditation applies to solid and chemical materials and non-potable water matrices

Total Number of Pages of Report 3 (includes Chain of Custody)

Sincerely,

Celey D. Keene
Laboratory Director

This report conforms with NELAP requirements

CARDINAL LABORATORIES

PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
ENVIRONMENTAL PLUS, INC.
ATTN: DAVID P. DUNCAN
P.O. BOX 1558
EUNICE NM 88231
FAX TO: (575) 394-2601

Receiving Date: 06/25/09
Reporting Date: 06/26/09
Project Owner: EXXON MOBIL (190036)
Project Name: J L. GREENWOOD #15
Project Location: UL-M, SEC. 09, T22S, R37E

Sampling Date: 06/25/09
Sample Type: SOIL
Sample Condition: COOL & INTACT @ 5.5°C
Sample Received By: ML
Analyzed By: AB/HM

LAB NUMBER	SAMPLE ID	GRO (C_6-C_{10}) (mg/kg)	DRO (>C_{10}-C_{28}) (mg/kg)	Cl* (mg/kg)
ANALYSIS DATE		06/25/09	06/25/09	06/25/09
H17699-1	SP-1 (2')	<10.0	498	96
H17699-2	SP-2 (3')	<10.0	<10.0	<16
H17699-3	SP-3 (2')	<10.0	67.7	64
H17699-4	SP-4 (2')	<10.0	147	144
Quality Control		526	574	500
True Value QC		500	500	500
% Recovery		105	115	100
Relative Percent Difference		2.5	3.9	2.0

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; Cl: Std. Methods 4500-Cl B
*Analyses performed on 1:4 w:v aqueous extracts. Reported on wet weight.

Chemist

Date

H17699 TCL EPI

Environmental Plus, Inc.

Chain of Custody Form

2100 Avenue O, Eunice, NM 88231 *P.O. Box 1558, Eunice, NM 88231*
(575) 394-3481 FAX: (575) 394-2601

LAB:

Company Name	Environmental Plus, Inc.
EPI Project Manager	David P. Duncan
Mailing Address	P.O. BOX 1558
City, State, Zip	Eunice New Mexico 88231
EPI Phone#/Fax#	575-394-3481 / 575-394-2601
Client Company	ExxonMobil
Facility Name	J.L. Greenwood #15
Location	UL-M, Sec. 09, T22S, R37E
Project Reference	190036
EPI Sampler Name	David Robinson

Bill To

Attn: David P. Duncan
P.O Box 1558
Eunice, NM 88231

ANALYSIS REQUEST

LAB I.D.	SAMPLE I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUND WATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	OTHER:	PRESERV.: ACID/BASE	ICE/COOL	OTHER	SAMPLING: DATE	TIME	BTEX 8021B	TPH 8015M	CHLORIDES (Cl)	SULFATES (SO_4^{-2})	pH	TCLP	OTHER >>>	PAH			
H17802-1	1 SP-1 (2')	G	1			X					X		25-Jun-09	7:00		X	X								
	2 SP-2 (3')	G	1			X					X		25-Jun-09	7:01		X	X								
-3	3 SP-3 (2')	G	1			X					X		25-Jun-09	7:02		X	X								
-4	4 SP-4 (2')	G	1			X					X		25-Jun-09	7:03		X	X								
	5																								
	6																								
	7																								
	8																								
	9																								
	10																								

Sampler Relinquished	6/25/2009	Received By:	E-mail results to: dduncan@envplus.net
Relinquished by	6/25/2009	Received By: (lab staff)	
Delivered by:	Sample Cool & Intact Yes / No	Checked By	

ATTACHMENT III
COPY OF NMOCD FORM C-141

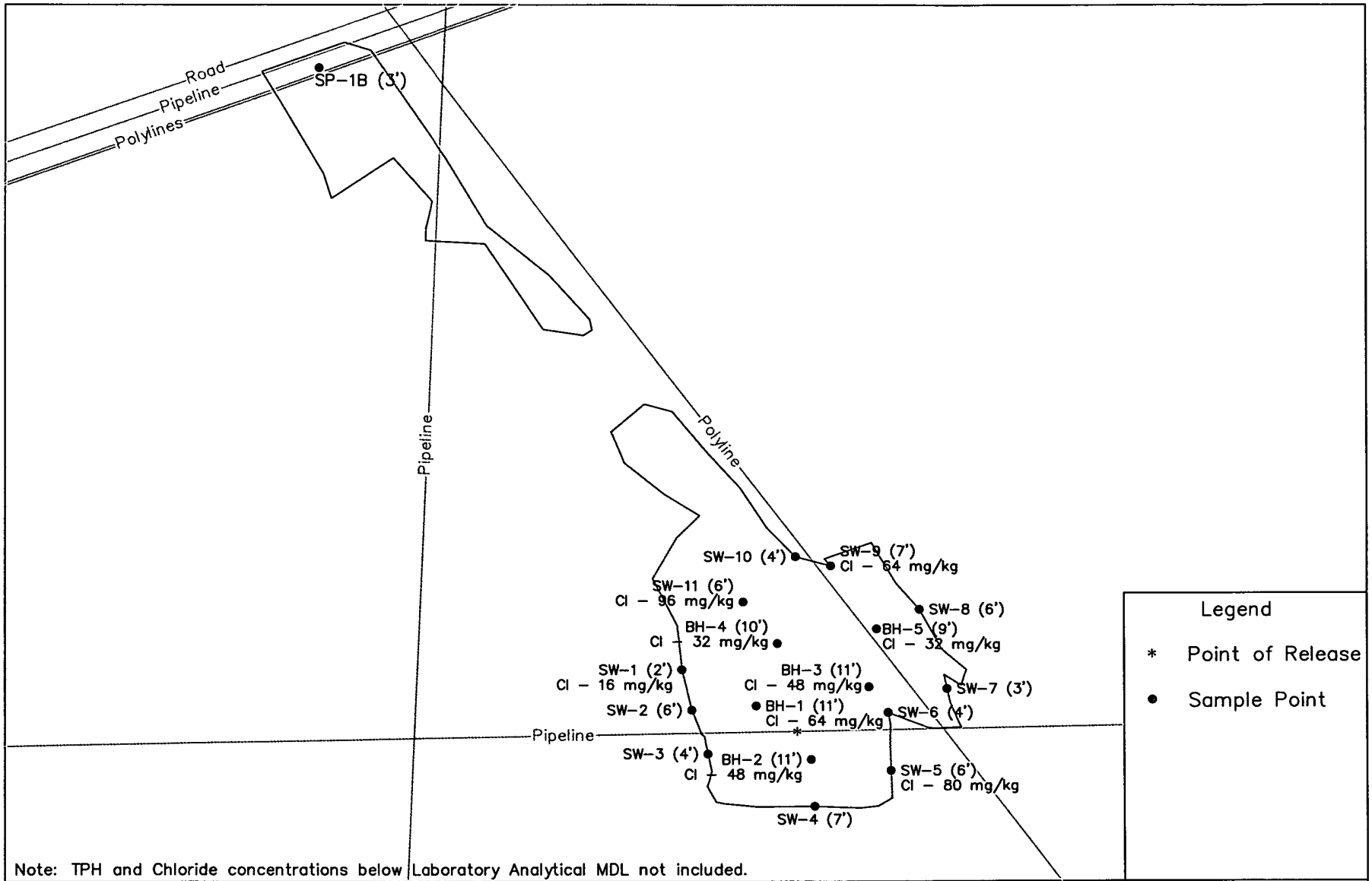

Road
Pipeline
Polylines
SP-1B (3')
Pipeline
Polyline
SW-10 (4')
SW-9 (7')
Cl – 64 mg/kg
SW-11 (6')
Cl – 96 mg/kg
SW-8 (6')
BH-4 (10')
Cl – 32 mg/kg
BH-5 (9')
Cl – 32 mg/kg
SW-1 (2')
Cl – 16 mg/kg
BH-3 (11')
Cl – 48 mg/kg
SW-7 (3')
SW-2 (6')
BH-1 (11')
Cl – 64 mg/kg
SW-6 (4')
Pipeline
SW-3 (4')
BH-2 (11')
Cl – 48 mg/kg
SW-5 (6')
Cl – 80 mg/kg
SW-4 (7')
Legend
* Point of Release
• Sample Point
Note: TPH and Chloride concentrations below Laboratory Analytical MDL not included.
Figure 3
Sample Location Map
ExxonMobil
J.L. Greenwood #15
Lea County, New Mexico
SW 1/4 of the SW 1/4, Sec. 09, T22S, R37E
N 32° 24' 07.87" W 103° 10' 19.62"
Elevation: 3,405 feet amsl
DWG By: D Dominguez
July 2009
REVISED:
0
30
60
Feet
SHEET
1 of 1
N

TABLE 2

Summary Excavation Soil Sample Field Analyses and Laboratory Analytical Results

Exxon Mobil - J.L. Greenwood Release Site

NMOCD Ref. ; EPI Ref. #190036

Sample ID	Depth (feet)	Soil Status	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 (mg/Kg)	Carbon Ranges >C12-C28 (mg/Kg)	Carbon Ranges >C28-C-35 (mg/Kg)	Total TPH C6-C35 (mg/Kg)	Chloride (mg/Kg)
SSW-1	1	Excavated	22-Jun-09	--	>4,000	--	--	--	--	--	--	--	--	--	--
SSW-1A	1	Excavated	23-Jun-09	--	>4,000	--	--	--	--	--	--	--	--	--	--
SSW-1B	1	In situ	23-Jun-09	--	160	--	--	--	--	--	--	--	--	--	--
SSW-2	1	Excavated	22-Jun-09	--	>4,000	--	--	--	--	--	--	--	--	--	--
SSW-2A	1	Excavated	22-Jun-09	--	>4,000	--	--	--	--	--	--	--	--	--	--
SSW-2B	1	In situ	22-Jun-09	--	160	--	--	--	--	--	--	--	--	--	--
ESW-1	1	In situ	22-Jun-09	--	240	--	--	--	--	--	--	--	--	--	--
BH-1	2	Excavated	22-Jun-09	--	640	--	--	--	--	--	--	--	--	--	--
BH-1A	3	In situ	22-Jun-09	--	80	--	--	--	--	--	--	--	--	--	--
NSW-1	0.5	Excavated	22-Jun-09	--	>4,000	--	--	--	--	--	--	--	--	--	--
NSW-1A	3	Excavated	22-Jun-09	--	>4,000	--	--	--	--	--	--	--	--	--	--
WSW-1	3	In situ	22-Jun-09	--	160	--	--	--	--	--	--	--	--	--	--
SSW-3	3	Excavated	22-Jun-09	--	>4,000	--	--	--	--	--	--	--	--	--	--
BH-2	4	Excavated	22-Jun-09	--	>4,000	--	--	--	--	--	--	--	--	--	--
BH-2A	6	Excavated	23-Jun-09	--	>4,000	--	--	--	--	--	--	--	--	--	--
BH-3	5	In situ	22-Jun-09	--	160	--	--	--	--	--	--	--	--	--	--
SSW-4	3	Excavated	22-Jun-09	--	<4,000	--	--	--	--	--	--	--	--	--	--
NBH-1	4.5	Excavated	22-Jun-09	--	720	--	--	--	--	--	--	--	--	--	--
WSW-1	3	Excavated	23-Jun-09	--	>4,000	--	--	--	--	--	--	--	--	--	--
WSW-1A	3	Excavated	23-Jun-09	--	>4,000	--	--	--	--	--	--	--	--	--	--
NSW-1	3	Excavated	23-Jun-09	--	>4,000	--	--	--	--	--	--	--	--	--	--

TABLE 2

Summary Excavation Soil Sample Field Analyses and Laboratory Analytical Results

Exxon Mobil - J.L. Greenwood Release Site

NMOCD Ref. ; EPI Ref. #190036

Sample ID	Depth (feet)	Soil Status	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 (mg/Kg)	Carbon Ranges >C12-C28 (mg/Kg)	Carbon Ranges >C28-C-35 (mg/Kg)	Total TPH C6-C35 (mg/Kg)	Chloride (mg/Kg)
WSW-2	3	In situ	23-Jun-09	--	880	--	--	--	--	--	--	--	--	--	--
ESW-1	4	In situ	23-Jun-09	--	800	--	--	--	--	--	--	--	--	--	--
BH-3	6	In situ	23-Jun-09	--	240	--	--	--	--	--	--	--	--	--	--
ESW-2	4	Excavated	23-Jun-09	--	4,000	--	--	--	--	--	--	--	--	--	--
BH-4	4	In situ	23-Jun-09	--	160	--	--	--	--	--	--	--	--	--	--
BH-5	4	Excavated	23-Jun-09	--	>4,000	--	--	--	--	--	--	--	--	--	--
SP-1	2	In situ	24-Jun-09	30.6	160	--	--	--	--	--	--	--	--	--	--
SP-2B	2	In situ	24-Jun-09	86	1,800	--	--	--	--	--	--	--	--	--	--
SP-2BE	1	In situ	24-Jun-09	4.1	160	--	--	--	--	--	--	--	--	--	--
SP-2BW	1	In situ	24-Jun-09	2.9	160	--	--	--	--	--	--	--	--	--	--
SP-3B	2	In situ	24-Jun-09	0.4	120	--	--	--	--	--	--	--	--	--	--
SP-3BE	1	In situ	24-Jun-09	6.6	160	--	--	--	--	--	--	--	--	--	--
SP-3BW	1	In situ	24-Jun-09	0.0	160	--	--	--	--	--	--	--	--	--	--
SP-4B	3	In situ	24-Jun-09	4.2	80	--	--	--	--	--	--	--	--	--	--
SP-4BE	1.5	In situ	24-Jun-09	6.8	160	--	--	--	--	--	--	--	--	--	--
SP-4W	1	In situ	24-Jun-09	0.0	80	--	--	--	--	--	--	--	--	--	--
SP-1	2	Excavated	25-Jun-09	15.9	160	--	--	--	--	--	<10.0	498	--	498	96
SP-1B	3	In situ	09-Jul-09	4.9	160	--	--	--	--	--	<25.0	<25.0	<25.0	<25.0	<16
SP-2	3	In situ	25-Jun-09	1.8	120	--	--	--	--	--	<10.0	<10.0	--	<20.0	<16
SP-3	2	In situ	25-Jun-09	6.2	120	--	--	--	--	--	<10.0	67.7	--	67.7	64
SP-4	2	In situ	25-Jun-09	12.4	240	--	--	--	--	--	<10.0	147	--	147	144
BH-1	9	Excavated	25-Jun-09	--	1,600	--	--	--	--	--	--	--	--	--	--
BH-1A	11	In situ	25-Jun-09	--	200	--	--	--	--	--	--	--	--	--	--

TABLE 2

Summary Excavation Soil Sample Field Analyses and Laboratory Analytical Results

Exxon Mobil - J.L. Greenwood Release Site

NMOCD Ref. ; EPI Ref. #190036

Sample ID	Depth (feet)	Soil Status	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 (mg/Kg)	Carbon Ranges >C12-C28 (mg/Kg)	Carbon Ranges >C28-C-35 (mg/Kg)	Total TPH C6-C35 (mg/Kg)	Chloride (mg/Kg)
SW-1	5	In situ	25-Jun-09	--	480	--	--	--	--	--	--	--	--	--	--
BH-2	9	Excavated	25-Jun-09	--	400	--	--	--	--	--	--	--	--	--	--
BH-2A	11	In situ	25-Jun-09	--	240	--	--	--	--	--	--	--	--	--	--
BH-1	11	In situ	06-Jul-09	--	160	--	--	--	--	--	--	--	--	--	--
BH-2	11	In situ	06-Jul-09	--	160	--	--	--	--	--	--	--	--	--	--
BH-3	10	In situ	06-Jul-09	--	200	--	--	--	--	--	--	--	--	--	--
BH-4	10	In situ	06-Jul-09	--	200	--	--	--	--	--	--	--	--	--	--
WSW-1	6	In situ	06-Jul-09	--	160	--	--	--	--	--	--	--	--	--	--
WSW-2	6	In situ	06-Jul-09	--	200	--	--	--	--	--	--	--	--	--	--
WSW-3	5	Excavated	06-Jul-09	--	>4,000	--	--	--	--	--	--	--	--	--	--
ESW-1	5	In situ	06-Jul-09	--	200	--	--	--	--	--	--	--	--	--	--
ESW-2	8	In situ	06-Jul-09	--	240	--	--	--	--	--	--	--	--	--	--
ESW-3	6	In situ	06-Jul-09	--	240	--	--	--	--	--	--	--	--	--	--
ESW-4	7	In situ	06-Jul-09	--	240	--	--	--	--	--	--	--	--	--	--
ESW-5	5	In situ	07-Jul-09	--	240	--	--	--	--	--	--	--	--	--	--
ESW-6	4	Excavated	07-Jul-09	--	>4,000	--	--	--	--	--	--	--	--	--	--
ESW-6B	6	Excavated	07-Jul-09	--	880	--	--	--	--	--	--	--	--	--	--
ESW-7	3	Excavated	07-Jul-09	--	>4,000	--	--	--	--	--	--	--	--	--	--
ESW-7B	5	In situ	07-Jul-09	--	240	--	--	--	--	--	--	--	--	--	--
ESW-8	6	In situ	07-Jul-09	--	200	--	--	--	--	--	--	--	--	--	--
SSW-1	5	In situ	06-Jul-09	--	200	--	--	--	--	--	--	--	--	--	--
SW-2	8	In situ	06-Jul-09	--	200	--	--	--	--	--	--	--	--	--	--
NSW-1	6	In situ	07-Jul-09	--	200	--	--	--	--	--	--	--	--	--	--

TABLE 2

Summary Excavation Soil Sample Field Analyses and Laboratory Analytical Results

Exxon Mobil - J.L. Greenwood Release Site

NMOCD Ref. ; EPI Ref. #190036

Sample ID	Depth (feet)	Soil Status	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 (mg/Kg)	Carbon Ranges >C12-C28 (mg/Kg)	Carbon Ranges >C28-C-35 (mg/Kg)	Total TPH C6-C35 (mg/Kg)	Chloride (mg/Kg)
NSW-2	5	In situ	07-Jul-09	--	240	--	--	--	--	--	--	--	--	--	--
WSW-1	6	Excavated	07-Jul-09	--	>4,000	--	--	--	--	--	--	--	--	--	--
BH-1	9	In situ	07-Jul-09	--	200	--	--	--	--	--	--	--	--	--	--
SW-1	3	Excavated	08-Jul-09	--	>4,000	--	--	--	--	--	--	--	--	--	--
SW-1B	4	In situ	08-Jul-09	--	4000	--	--	--	--	--	--	--	--	--	--
SW-2	6	Excavated	08-Jul-09	--	1600	--	--	--	--	--	--	--	--	--	--
SW-2B	4	In situ	08-Jul-09	--	800	--	--	--	--	--	--	--	--	--	--
SW-3	4	In situ	08-Jul-09	--	200	--	--	--	--	--	--	--	--	--	--
SW-4	4	In situ	08-Jul-09	--	240	--	--	--	--	--	--	--	--	--	--
SW-5	6	In situ	08-Jul-09	--	200	--	--	--	--	--	--	--	--	--	--
BH-1	10	Excavated	08-Jul-09	--	200	--	--	--	--	--	--	--	--	--	--
BH-1B	11	In situ	08-Jul-09	--	200	--	--	--	--	--	--	--	--	--	--
BH-2	10	Excavated	08-Jul-09	--	400	--	--	--	--	--	--	--	--	--	--
BH-2B	11	In situ	08-Jul-09	--	200	--	--	--	--	--	--	--	--	--	--
BH-3	10	Excavated	08-Jul-09	--	800	--	--	--	--	--	--	--	--	--	--
BH-3B	11	In situ	08-Jul-09	--	200	--	--	--	--	--	--	--	--	--	--
BH-4	9	Excavated	08-Jul-09	--	240	--	--	--	--	--	--	--	--	--	--
BH-4B	10	In situ	08-Jul-09	--	240	--	--	--	--	--	--	--	--	--	--
BH-5	9	Excavated	08-Jul-09	--	240	--	--	--	--	--	--	--	--	--	--
BH-5B	10	In situ	08-Jul-09	--	240	--	--	--	--	--	--	--	--	--	--
SW-1	2	In situ	09-Jul-09	--	200	--	--	--	--	--	<25.0	<25.0	<25.0	<25.0	16
SW-2	6	In situ	09-Jul-09	--	200	--	--	--	--	--	--	--	--	--	<16
SW-3	4	In situ	09-Jul-09	--	200	--	--	--	--	--	--	--	--	--	<16

TABLE 2

Summary Excavation Soil Sample Field Analyses and Laboratory Analytical Results

Exxon Mobil - J.L. Greenwood Release Site

NMOCD Ref. ; EPI Ref. #190036

Sample ID	Depth (feet)	Soil Status	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 (mg/Kg)	Carbon Ranges >C12-C28 (mg/Kg)	Carbon Ranges >C28-C-35 (mg/Kg)	Total TPH C6-C35 (mg/Kg)	Chloride (mg/Kg)
SW-4	7	In situ	09-Jul-09	--	160	--	--	--	--	--	<25.0	<25.0	<25.0	<25.0	<16
SW-5	6	In situ	09-Jul-09	--	240	--	--	--	--	--	--	--	--	--	80
SW-6	4	In situ	09-Jul-09	--	240	--	--	--	--	--	<25.0	<25.0	<25.0	<25.0	<16
SW-7	3	In situ	09-Jul-09	--	160	--	--	--	--	--	--	--	--	--	<16
SW-8	6	In situ	09-Jul-09	--	200	--	--	--	--	--	<25.0	<25.0	<25.0	<25.0	<16
SW-9	7	In situ	09-Jul-09	--	240	--	--	--	--	--	--	--	--	--	64
SW-10	4	In situ	09-Jul-09	--	160	--	--	--	--	--	<25.0	<25.0	<25.0	25	<16
SW-11	6	In situ	09-Jul-09	--	240	--	--	--	--	--	<25.0	<25.0	<25.0	<25.0	96
BH-1	11	In situ	09-Jul-09	--	200	--	--	--	--	--	<25.0	<25.30	<25.30	<25.0	64
BH-2	11	In situ	09-Jul-09	--	240	--	--	--	--	--	--	--	--	--	48
BH-3	11	In situ	09-Jul-09	--	200	--	--	--	--	--	--	--	--	--	48
BH-4	10	In situ	09-Jul-09	--	200	--	--	--	--	--	<25.0	<25.0	<25.0	<25.0	32
BH-5	9	In situ	09-Jul-09	--	200	--	--	--	--	--	<25.0	<25.0	<25.0	<25.0	32
NMOCD Remedial Thresholds				100		10				50				100	250

Bold values exceed NMOCD remedial threshold goals

-- = Not Analyzed

Soil Sample Nomenclature: BH = Bottom Hole;SW = Sidewall (E = East, W = West, N =North and S = South), SP - Sample Point

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 ExxonMobil	Contact Toni Collier
Address P.O. Box 4358, Houston, TX 77210	Telephone No. 281-654-1133
Facility Name Greenwood 15	Facility Type Flowline

Surface Owner Charlie Bettis	Mineral Owner	Lease No. N/A

API 30 025 10136

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
M	9	22S	37E	760	FSL	660	FWL	Lea

Latitude 32.24.165 **Longitude** 103.10.349

NATURE OF RELEASE

Type of Release Oil and Produced Water	Volume of Release 5.28 bbls oil 23.20 bbls water	Volume Recovered 3 bbls oil, 12 bbls water
Source of Release Flowline	Date and Hour of Occurrence	Date and Hour of Discovery 6/20/09 12:00PM
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? Mark Whitaker	
By Whom? Shelby Pennington	Date and Hour 6/20/09 5:00PM	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.* No watercourse in area

Describe Cause of Problem and Remedial Action Taken.*
Leak on 2.5" steel flowline due to corrosion Flowline has been isolated and will be inspected for replacement.

Describe Area Affected and Cleanup Action Taken.*
Area was approx 100 yards east of well #15. Pasteur area. A vacuum truck was dispatched immediately to pick up free fluids Remediation of the site has begun. A delineation and remediation plan will be submitted.

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: Kevin M. Dillow	Approved by District Supervisor: ENVIRONMENTAL ENGINEER	
Title: Compliance Supervisor	Approval Date: 7.6.09	Expiration Date:
E-mail Address: Kevin.m.dillow@exxonmobil.com	Conditions of Approval:	Attached ☐ IRP# 09.6.2219
Date: 6/29/09 Phone: 281-654-1557		

* Attach Additional Sheets If Necessary