3R-1011

Release Report/ General Correspondence

Enterprise SJ

Date: Oct-Dec 2013

12-17-14 Done

State ∛ Mexico Energy Minerals A Natural Resources

> Oil Conservation Division 1220 South St. Francis Dr.

Form C-141 Revised August 8, 2011

Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

Santa Fe, NM 87505

Release Notification and Corrective Action

INCICASU	e nour/cation	i and Corr	ective A	cuon		
		OPERATO	R	🔲 Initia	al Report	Final Repo
Name of Company Enterprise Field Services		Contact: Thom	has Long			
Address 614 Reilly Ave., Farmington, NM 874	01 7	Telephone No.	505-599-228	6		
Facility Name Lateral 6B-10 pipeline segment (gathering line)		Facility Type: N				
Surface Owner: BLM	Mineral Owner	BLM		API No).	
LOCATIO	ON OF RELEA	SE—two pipe	e leaks close	together		
Unit LetterSectionTownshipRangeFeeO1328N12WB2428N12W	t from the North/S	South Line Fe	et from the	East/West Line	County San Juan	
Two leaks: Latitude_1) N 36	NATURE	OF RELEA	SE			
Type of Release: Natural Gas Condensate, Produced	water	Volume of Rel	ease Unknown	n Volume F 244 cubic		Approximately

		244 cubic yards
Source of Release: Pipeline	Date and Hour of Occurrence:	Date and Hour of Discovery
	Unknown	Pipe leaks discovered and isolated
		8.13.2013 @ 15:00 hours
		Environmental delineation completed
W Incording Marine Class 0		8.21.2013 @ 09:00 hours
Was Immediate Notice Given?	If YES, To Whom?	
		·
By Whom? Aaron Dailey	Date and Hour	RCUD NOV 27 '13
Was a Watercourse Reached?	If YES, Volume Impacting the Wa	tercourse. OIL CONS. DIV.
Yes 🛛 No		DIST. 3
If a Watercourse was Impacted, Describe Fully.*		
Describe Cause of Problem and Remedial Action Taken.* Two pipe leak	s were discovered in this segment of w	ell tie pipeline during a routine pipeline
patrol. Line was isolated and LOTO applied during discovery.		
Describe Area Affected and Cleanup Action Taken.* Third party envir		
determine potential impact on soils surrounding pipeline. It is estimated		
hauled to an OCD permitted landfarm. Third party corrective action repo	ort is attached to this "final" C-141 rep	ort.
I hereby certify that the information given above is true and complete to		
regulations all operators are required to report and/or file certain release r		
public health or the environment. The acceptance of a C-141 report by the		
should their operations have failed to adequately investigate and remedia		
or the environment. In addition, NMOCD acceptance of a C-141 report of federal, state, or local laws and/or regulations.	uses not reneve the operator of respons	ability for compliance with any other
rederal, state, or local laws and/or regulations.	OIL CONSERV	VATION DIVISION
	<u>OIL CONSERV</u>	ATION DIVISION
Signature: (41 L, Deut Lit		
	Approved by Environmental Specialis	still Kallan
Printed Name: Torry L. Hurlburt		" provins rever
Title: Group Sr. Vice President	Approval Date: 1/15/2014	Expiration Date:
	E Aller	15
E-mail Address: snolan@eprod.com	Conditions of Approval: Further of	Attached
	lequired due to lesuts on S	(C~4 on
Date: 11/21/2013 Phone: 713-381-6595	Required due to results on S Southern Release Please Contr	vet Nimoa)
Attach Additional Sheets If Necessary	Adec 72 hrs prior to conti nJK1401536	inulug work.
	7/1401536	130
	NUNITON I	

RCVD NOV 27'13 OIL CONS. DIV. DIST. 3

Enterprise Products Lateral 6B-10 Pipeline Releases Latitude North 36.65657, Longitude West -108.05731 Latitude North 36.65359, Longitude West -108.05927 SE1/4, SE 1/4 Section 13 NE ¼ NE ¼ Section 24 T28N R11W San Juan County, New Mexico



Submitted To:

Enterprise Products Field Environmental-San Juan Basin 614 Reilly Avenue Farmington, NM 87401

Submitted By:

Souder, Miller & Associates 2101 San Juan Boulevard Farmington, NM 87401 (505)325-7535

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1.0 Executive Summary

From August 16, 2013 to September 9, 2013, Souder, Miller & Associates (SMA) responded to two hydrocarbon releases associated with the Lateral 6B-10 pipeline. The table below summarizes information about the release and remediation activities.

	TABLE 1:	RELEASE INFO	RMATION			
Name		Lateral 6B-10 Pipeline Release				
Location	Latitude	/Longitude	Section, Towr	nship, Range		
	36.65657; 36.65359	-108.05731; -108.05927	Unit P SE ¼ SE ¼ Section 13; Unit A NE ¼ NE ¼ Section 24	T 28N, R 11W		
Date Reported	August 15, 20)13				
	Aaron Dailey					
Land Owner	Bureau of Lar	nd Management	(BLM)			
Reported To	New Mexico (Dil Conservation	Division (NMOCD)	and BLM		
Diameter of Pipeline	8 inches					
Source of Release	Internal Corro	sion				
Release Contents	Natural Gas L	iquids/Condens	ate			
Release Volume	Unknown					
Nearest Waterway	Tributary to V	Vest Hammond E	Ditch			
Depth to Groundwater	Assumed to b	e less than 50 fe	et			
Nearest Domestic Water Source	Greater than 2	200 feet				
NMOCD Ranking	40					
SMA Response Dates	8/16/13, 8/19/	/13, 8/27/13, 8/28	8/13, 8/30/13, 9/3/1	3 and 9/9/13		
Subcontractors	West States E	Energy Contracto	ors (WSEC)			
Disposal Facility	Envirotech La	Indfarm				
Yd ³ Contaminated Soil Excavated and Disposed	244					

2.0 Introduction

On behalf of Enterprise Products Operating, LLC. (Enterprise), SMA has prepared this report that describes remediation of two hydrocarbon releases associated with the Lateral 6B-10 pipeline. The Lateral 6B-10 pipeline releases were a result of internal corrosion of the steel pipeline. The releases were reported August 15, 2013. The releases were located in Unit P (NE $\frac{1}{4}$, NE $\frac{1}{4}$) Section 13 (Northern) and Unit A (SE $\frac{1}{4}$, SE $\frac{1}{4}$) Section 24 (Southern)Township 28 North, Range 11 West, 36.65657, -108.05731 and 36.65359, -108.05927, San Juan County, New Mexico. Figure 1, Vicinity Map, illustrates the location of each release.

3.0 Site Ranking and Land Jurisdiction

The release sites are located in a tributary of Horn Canyon Wash on land owned BLM with an elevation of approximately 5,600 feet above sea level. After evaluation of the sites using aerial photography and topographic maps, depth to groundwater is estimated to be less than 50 feet below ground surface (bgs).

SMA searched the New Mexico State Engineer's Office online water well data base for water wells in the vicinity of the release. No wells were located in Sections 13, 18, 19 and 24. The physical location of this release is within the jurisdiction of BLM and NMOCD. These release locations have been assigned a NMOCD ranking of 40 which requires a soil remediation standard of 10 parts per million (ppm) benzene, 50 ppm total benzene, toluene, ethyl-benzene, and total xylenes (BTEX), and 100 ppm total petroleum hydrocarbons (TPH). Table 2 illustrates site ranking rationale.

4.0 Summary of Field Activities

On August 16, 2013, SMA mobilized to the northern release site to delineate the release using a hand auger to install soil borings and collect soil samples. A total of nine soil borings were installed ranging from five to nine feet below ground surface (bgs). Soil samples were collected at one foot intervals for field screening with a calibrated photo ionization detector (PID).

On August 19, 2013, SMA mobilized to the southern release site to delineate the release using a hand auger to install soil borings and collect soil samples. A total of eight soil borings were installed ranging from three to five feet bgs. Auger holes did not stay open due to the loose sands and gravels and soil samples from depths more than five feet bgs could not be obtained. Soil samples were collected at one foot intervals for

field screening with a calibrated PID. Field notes for both events are included in Appendix A

A summary of the delineation activities, including diagrams illustrating the locations of soil borings, field sample results, proposed excavation areas and estimated volumes was supplied to field personnel to guide remediation activities for both release sites. Figures 2 and 3 are the diagrams for each release site. Tables 3 and 4 summarize the field screening results.

From August 27, 2013 to September 9, 2013, under the supervision of SMA, WSEC excavated the hydrocarbon impacted soils associated with the two release sites. SMA personnel guided the excavation activities by collecting soil samples for field screening with a calibrated PID. Tables 3 and 4 summarize the field screening results. After field screening results indicated that the hydrocarbon impacted soil had been removed, SMA collected five composite soil samples from the northern excavation and seven composite soil samples from the southern excavation for laboratory analysis. All laboratory soil samples were field screened with a calibrated PID and submitted for laboratory analysis per United States Environmental Protection Agency Method 8021 BTEX, and 8015 Diesel Range Organics (DRO) and Gasoline Range Organics (GRO) to Hall Environmental Analysis Laboratory of Albuquerque, New Mexico. Figure 4 and Figure 5 illustrates the extent of each excavation and composite soil sample locations and laboratory results.

The final excavation dimensions for the northern release site were 32 feet long by 13 feet wide by 7 feet deep. The final excavation dimensions for the southern release site were 43 feet long by 27 feet wide by 12 to 18 feet deep. Site photography is included in Appendix B. A total of approximately 244 cubic yards of hydrocarbon contaminated soil were excavated from the excavations and transported by WSEC to Envirotech Land Farm near Bloomfield, New Mexico for proper disposal. Soil disposal documentation is included in Appendix C.

5.0 Conclusions and Recommendations

As noted in Section 3.0 of this report, NMOCD Guidelines for Remediation of Leaks, Spills, and Releases have established the following action levels for contaminants of concern with a site ranking of 40: 10 ppm benzene, 50 ppm total BTEX, and 100 ppm TPH. Based on laboratory analysis, all of the soil samples collected except SC-5 (Base @ 200 ppm DRO) from the northern excavation and SC-4 (South Wall @ 820 ppm DRO) from the southern excavation were below laboratory detection limits. Field screening results for SC-4 (101 ppm) and SC-5 (69 ppm) indicate contaminant concentrations at or below the NMOCD field screening closure levels. Soil contaminant concentrations are illustrated in Figure 4 and Figure 5. A summary of laboratory

analysis is included in Tables 5 and Table 6. Laboratory reports are included in Appendix D.

SMA recommends no further action at this site.

6.0 Closure and Limitations

The scope of our services consisted of the performance of a preliminary spill assessment and stabilization, regulatory liaison, oversight and control of remediation operations, disposal arrangements and documentation, project management, and preparation of this summary report. All work has been performed in accordance with generally accepted professional environmental consulting practices.

If there are any questions regarding this report, please contact either Thomas Long or Reid Allan at 505-325-7535.

Submitted by:

Reviewed by:

SOUDER, MILLER & ASSOCIATES

Morros J. Larg

Thomas J. Long Project Scientist

C.I.all

Reid S. Allan, PG Principal Scientist











Depth to Groundwater	Groundwaterthis SiteSource for RankingNotes0 BGS = 2020USGS Topo Maps; Google EarthRelease location in within a wash00' = 00Source for RankingNotes100' = 0NMOCD Numeric Rank for this SiteSource for RankingNotes00' = 2020USGS Topo Maps; Google EarthNotes1000' = 1020USGS Topo Maps; Google Earth ; PRCC Mapping ToolRelease location in within a wash		
< 50 BGS = 20	20		
50' to 99' = 10			
Depth to Groundwaterthis SiteSource for RankingNotes< 50 BGS = 20			
Distance to Nearest Surface	NMOCD Numeric Rank for	Source for Ranking	Notes
< 200' = 20	20		
200'-1000' = 10		Earth ; PRCC Mapping	
>1000'			
Distance to a Water Well or	NIVIOCD Numeric Rank for	Source for Ranking	Notes
<200' for a private domestic water source? YES OR NO to	0	-	
		wen Database	13, 18 01 19
and the second			terra and a star and a star a star A star a star A star a star
Total Site Ranking	40		
Soil Remedation Standards	0 to 9	10 to 19	₩
Benzene	10 PPM	10 PPM	10 PPM
BTEX	50 PPM	50 PPM	50 PPM
ТРН	5000 PPM	1000 PPM	100 PPM



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Enterprise Products Table 3: Summary of Field Screening Results (PPM)

Lateral 6B-10 Northern Pipeline Release 10/30/2013

			Sample Depth	PID	
Date	Time	Field Screening Reference	(Feet BGS)	Results	Comments
8/16/2013	15:17	SB-1	2	1847.0	
8/16/2013	15:18	SB-1	3	736.0	
8/16/2013	15:19	SB-1	4	547.0	
8/16/2013	15:20	SB-1	5	516.0	
8/16/2013	15:22	SB-2	2	87.0	
8/16/2013	15:23	SB-2	3	47.0	
8/16/2013	15:24	SB-2	4	41.0	
8/16/2013	15:25	SB-2	5	50.0	
8/16/2013	15:29	SB-3	2	92.0	Heavy Staining
8/16/2013	15:30	SB-3	3	80.0	Heavy Staining
8/16/2013	15:31	SB-3	4	44.0	Heavy Staining
8/16/2013	15:32	SB-3	5	74.0	Heavy Staining
_8/16/2013	15:36	SB-4	2	87.0	Heavy Staining
8/16/2013	15:37	SB-4	3	116.0	Heavy Staining
8/16/2013	15:38	SB-4	4	181.0	Heavy Staining
8/16/2013	15:39	SB-4	5	56.0	Heavy Staining
8/16/2013	15:43	SB-5	2	143.0	Heavy Staining
8/16/2013	15:44	SB-5	3	92.0	Heavy Staining
8/16/2013	15:46	SB-5	4	49.0	Heavy Staining
8/16/2013	15:47	SB-5	5	39.0	Heavy Staining
8/16/2013	16:40	SB-5	6	29.0	Heavy Staining
8/16/2013	16:41	SB-5	7	28.0	Heavy Staining
8/16/2013	16:42	SB-5	8	52.0	Heavy Staining
8/16/2013	16:43	SB-5	9	35.0	Heavy Staining
8/16/2013	15:54	SB-6	2	89.0	Heavy Staining
8/16/2013	15:55	SB-6	3	88.0	Heavy Staining
8/16/2013	15:56	SB-6	4	49.0	Heavy Staining
8/16/2013	15:57	SB-6	5	23.0	Heavy Staining
8/16/2013	16:03	SB-7	2	74.0	Heavy Staining
8/16/2013	16:04	SB-7	3	61.0	Heavy Staining
8/16/2013	16:05	SB-7	4	28.0	Heavy Staining
8/16/2013	16:07	SB-7	5	20.0	Heavy Staining
8/16/2013	16:11	SB-8	2	63.0	Heavy Staining
8/16/2013	16:12	SB-8	3	52.0	Heavy Staining
8/16/2013	16:13	SB-8	4	41.0	Heavy Staining
8/16/2013	16:14	SB-8	5	42.0	Heavy Staining
8/16/2013	16:23	SB-9	2	53.0	Heavy Staining
8/16/2013	16:27	SB-9	3	28.0	Heavy Staining
8/16/2013	16:28	SB-9	4	24.0	Heavy Staining
8/16/2013	16:29	SB-9	5	43.0	Heavy Staining
8/27/2013	11:25	S-1 (North Wall)	2 to 5 2 to 5	123.0	
8/27/2013 8/27/2013	11:27 11:29	S-2 (South Wall) S-3 (East Wall)	2 to 5 2 to 5	1126.0 985.0	
8/27/2013	11:29	S-3 (East Wall) S-4 (West Wall)	2 to 5	985.0 1293.0	
8/27/2013	11:33	S-4 (West Wall) S-5 (Base)	5	882.0	
8/28/2013	13:35	S-1 (North Wall)	2 to 6	95.0	
8/28/2013	13:37	S-2 (South Wall)	2 to 6	436.0	
8/28/2013	13:39	S-3 (East Wall)	2 to 6	537.0	
8/28/2013	13:41	S-4 (West Wall)	2 to 6	387.0	
8/28/2013	13:43	S-5 (Base)	6	684.0	
					Lab Sample
9/3/2013	10:27	SC-1 (North Wall)	1 to 7	3.8	Collected
0/2/2012	10.20		1 to 7	12.0	Lab Sample
9/3/2013	10:29	SC-2 (South Wall)	1 to 7	12.9	Collected
9/3/2013	10:30	SC-3 (East Wall)	1 to 7	104.0	Lab Sample
3/3/2013	10.30	JU-J (Last VVall)	1107	107.0	Collected
9/3/2013	10:31	SC-4 (West Wall)	1 to 7	107.0	Lab Sample
0.0.2010					Collected
9/3/2013	10:33	SC-5 (Base)	1 to 7	101*	Lab Sample
		· /	-	-	Collected

* Denotes Lab Sample that Exceeds TPH remediation standards

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∖<u>SMA</u>

Enterprise Products Table 4: Summary of Field Screeing Results (PPM)

Lateral 6B-10 Southern Pipeline Release 10/30/2013

Date	Time	Field Screening	Sample Depth	PID	Comments
Date		Reference	(Feet BGS)	Results	Comments
8/19/2013	9:55	SB-1	1	123.0	Heavy Staining
8/19/2013	9:56	SB-1	2	1718.0	Heavy Staining
8/19/2013	9:57	SB-1	3	4337.0	Heavy Staining - Auger Refusal
8/19/2013	10:04	SB-2	1	1399.0	Heavy Staining
8/19/2013	10:05	SB-2	2	954.0	Heavy Staining
8/19/2013	10:06	SB-2	3	982.0	Heavy Staining - Auger Refusal
8/19/2013	10:14	SB-3	1	1907.0	Heavy Staining
8/19/2013	10:15	SB-3	2	1301.0	Heavy Staining
8/19/2013	10:16	SB-3	3	1267.0	Heavy Staining
8/19/2013	10:16	SB-3	4	758.0	Heavy Staining
8/19/2013	10:17	SB-3	5	537.0	Heavy Staining
8/19/2013	10:28	SB-4	1	899.0	Heavy Staining
8/19/2013	10:29	SB-4	2	543.0	Heavy Staining
8/19/2013	10:30	SB-4	3	285.0	Heavy Staining
8/19/2013	10:47	SB-4	4	125.0	Heavy Staining
8/19/2013	NA	SB-5	1	NA	
8/19/2013	10:55	SB-5	2	467.0	Heavy Staining - Auger Refusal
8/19/2013	11:07	SB-6	1	252.0	
8/19/2013	11:08	SB-6	2	32.0	
8/19/2013	11:09	SB-6	3	17.6	
8/19/2013	11:10	SB-6	4	23.2	
8/19/2013	11:27	SB-7	1	6.6	
8/1 <mark>9/2013</mark>	11:28	SB-7	2	2.6	
8/1 <u>9/2013</u>	11:29	SB-7	3	8.8	
8/1 <u>9/2013</u>	11:30	SB-7	4	14.3	
8/1 <mark>9/2013</mark>	11:31	SB-7	5	17.6	
8/19/2013	11:33	SB-8	1	39.2	Heavy Staining
8/19/2013	11:34	SB-8	2	132.0	Heavy Staining
8/1 <mark>9/2013</mark>	11:35	SB-8	3	83.2	Heavy Staining
8/19/2013	11:36	SB-8	4	64.2	Heavy Staining Auger Refusal
8/2 <mark>7/2013</mark>	10:37	S-1 (North Wall)	2 to 6	3840.0	
8/27/2013	10:39	S-2 (West Wall)	2 to 6	409.0	North Side of Excavation
8/27/2013	10:41	S-3 (West Wall)	2 to 6	681.0	South Side of Excavation
8/27/2013	10:43	S-4 (South Wall)	2 to 6	705.0	
8/27/2013	10:45	S-5 (East Wall)	2 to 6	964.0	North Side of Excavation
8/27/2013	10:47	S-6 (East Wall)	2 to 6	914.0	South Side of Excavation
8/27/2013	10:49	S-7 (Base)	6	3849.0	North Side of Excavation
8/27/2013	10:51	S-8 (Base)	6	>10,000	South Side of Excavation

Enterprise Products Table 4: Summary of Field Screeing Results (PPM)

Lateral 6B-10 Southern Pipeline Release 10/30/2013

I.

		· · · · · · · · · · · · · · · · · · ·			
8/28/2013	13:35	S-1 (North Wall)	2 to 6	95.0	
8/28/2013	13:37	S-2 (South Wall)	2 to 6	436.0	
8/28/2013	13:39	S-3 (East Wall)	2 to 6	537.0	
8/28/2013	13:41	S-4 (West Wall)	2 to 6	387.0	
8/28/2013	13:43	S-5 (Base)	6	684.0	
8/30/2013	13:45	S-1 (North Wall)	2 to 6	413.0	
8/30/2013	13:47	S-2 (South Wall)	2 to 6	12.0	
8/30/2013	13:46	S-3 (East Wall)	2 to 6	53.0	
8/30/2013	13:48	S-4 (West Wall)	2 to 6	548.0	
8/30/2013	13:50	S-5 (Base)	6	667.0	
9/3/2013	11:19	S-1 (South Wall)	2 to 9	51.0	
9/3/2013	11:21	S-2 (East Wall)	2 to 9	63.0	North Side of Excavation
9/3/2013	11:23	S-3 (East Wall)	2 to 9	41.0	South Side of Excavation
9/3/2013	11:25	S-4 (West Wall)	2 to 9	3223.0	South Side of Excavation
9/3/2013	11:31	S-5 (West Wall)	2 to 9	2664.0	North Side of Excavation
9/3/2013	11:33	S-6 (North Wall)	2 to 9	146.0	
9/3/2013	11:35	S-7 (Base)	10	4032.0	North Side of Excavation
9/3/2013	11:37	S-8 (Base)	10	153.0	South Side of Excavation
9/3/2013	12:13	S-9 (Base)	11	1323.0	North Side of Excavation
9/3/2013	12:14	S-10 N. W. Wall	2 to 10	3823.0	
9/9/2013	11:00	SC-1 (East Base)	12	3.0	Lab Sample Collected
9/9/2013	11:03	SC-2 (North Wall)	0 to 12	6.0	Lab Sample Collected
9/9/2013	11:08	SC-3 (East Wall)	0 to 12	9.0	Lab Sample Collected
9/9/2013	11:12	SC-4 (South Wall)	0 to 12	69*	Lab Sample Collected
9/9/2013	11:20	SC-5 (West Wall)	0 to 12	123.0	Lab Sample Collected
9/9/2013	11:33	SC-6 (West Base)	18	114.0	Lab Sample Collected
9/9/2013	11:35	SC-7 (S.W. Wall)	0 to 18	79.0	Lab Sample Collected

* Denotes Lab Sample that Exceeds TPH remediation standards

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Enterprise Products Table 5: Summary of Laboratory Analysis Results in mg/Kg (ppm)

Lateral 6B-10 Pipeline Northern Release 10/30/2013

Date	Time	Sample ID	Sample Depth (Feet BGS)	Method 8015 GRO	Method 8015 DRO	Method 8021 Benzene	Method 8021 BTEX
9/3/2013	10:27	SC-1	1 to 7	<4.7	<10	<0.047	<0.093
9/3/2013	10:29	SC-2	1 to 7	<4.6	<10	<0.046	<0.092
9/3/2013	10:30	SC-3	1 to 7	<4.9	11	<0.049	<0.097
9/3/2013	10:31	SC-4	1 to 7	<4.8	<9.9	<0.048	0.28
9/3/2013	10:33	SC-5	7	5.7	200	<0.047	0.13

SM

Enterprise Products Table 6: Summary of Laboratory Analysis Results in mg/Kg (ppm) Lateral 6B-10 Pipeline Southern Release 10/30/2013

		LABORATORY ANAL	YTICAL SUM	MARY			
Date	Time	Sample ID	Sample Depth (Feet BGS)	Method 8015 GRO	Method 8015 DRO	Method 8021 Benzene	Method 8021 BTEX
9/9/2013	11:00	SC-1 (East Base)	12	<4.8	<10	<0.048	<0.096
9/9/2013	11:03	SC-2 (North Wall)	0 to 12	<4.7	<10	<0.047	1.07
9/9/2013	11:08	SC-3 (East Wall)	0 to 12	5.7	<10	<0.047	<0.094
9/9/2013	11:12	SC-4 (South Wall)	0 to 12	<4.9	820	<0.049	<0.098
9/9/2013	11:20	SC-5 (West Wall)	0 to 12	<4.7	<10	<0.047	0.061
9/9/2013	11:33	SC-6 (West Base)	18	<4.7	<9.9	<0.047	0.194
9/9/2013	11:35	SC-7 (S.W. Wall)	0 to 12	<4.8	<10	<0.048	0.12

<u> SM</u>

PROJECT SIDD IDY PAGE 1 OF TH Lan 6B-10 SUBJECT Enterprise 8-16-13 BY 756 DATE CLIENT Ppm Ine -5B=1 1' -WA-58-12' 1847 1517 53-1 3' 736 1518 58-141 547-1519 58-1 5' 516 1520 58-2 2' 87 1500 53 23' 47 1523 58-24'41 1524 58-25' 50 1525 5B-3 2' 92 1524 Harry starring SB-3 3' 80 1536 53-34'44 1531 58-\$35-74 1532 53-04 2' 87 1536 53.4 3' 116 1538 5B.44' 181 1539 Eb . 1540

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PROJECT ST22104 PAGE 2 of B Lat. 63-10 SUBJECT Enterprise DATE 8-16-13 BY 752 CLIENT CHECKED BY i. PPM 143 Time 58.5 2' 1543 AREVU Ster 93 1544 SB-1546 49 5B-5 4 5B-55' 39 1547 Heavy Staining 58 6 2' 84 1554 SB-63' 83 1555 5B-64' 49 1554 5B-65'23 1557 Hoavy Anny 74 1623 SB-72' 5B-73' 31 1604 1605 58-74'28 1667 58-75'20 53-6 2' 63 1611 5B-B3 SZ 1612 5B-84 91 1613 g G 42 1-14

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PROJECT SIDDADY PAGE 3 of 4 Lat. 6B-10 SUBJECT Enterprise 8-16-13 BY TJU CLIENT DATE P.P.M. Time Howy Starrow 58-9 1626 28 1627 21 1628 58-95 ' 58-5 6 43 1629 Heavy 1640 29 -1691 SB 5 7' SB 5 B' 28 5a 1642 5B 5 91 35 1643 SOUDER, MILLER & ASSOCIATES Serving - New Mexico • Colorado • Arizona • Utah





Serving - New Mexico • Colorado • Arizona • Utah SOUDER, MILLER & ASSOCIATES

2073 SUBJECT (At. 6B TO (S) 5122104 PAGE PROJECT 8-19-13 Enterprise BY TJU 4-13-CLIENT -fpr Time 53-6 1' 252 Name 1167 X758448 Well Tie Line 58.6 2' 32 /108 58-63' 17.6 1109 1110 58-64' 23.2 58-1 36.65359,108.05927 SB-8 36.65358 10805923 5B-2 36.65363, 108.05930. 50.3 36.65358,108.05932 SB.4. 3663 36.65362, 18 108,05923 58.5 36.65364, 108.05926 5B.6 36.65355, 108.05928. 5B-7 36.65366, 108.05923 SB-7 1 6.6 1127 58-7 2' 2.6 1128 SB-7'3' B.8 1129 58-7 4' 14.3 1130 58-75 19.6 1131 SB-81' 39,2 1133 SB-BJ' 132 1134 SB-8 3' 93 2 1135 SB-84'64,2 1136 Refusal - Gravel offsile e 1200

SOUDER, MILLER & ASSOCIATES Serving - New Mexico • Colorado • Arizona • Utah

SUBJECT	cteral	68-10(5)

CLIENT

8-19-3 BY TOL DATE



Lateral 68.10 PROJECT SIDDIOY PAGE 20F1 SUBJECT Enterpase B-27-13 BY 736 DATE CLIENT 1010 onsite Sign iN fill out JSA 1035 Collect Soil Samples from excelletion side walls 1 Bese Southern-Rolesse 5-1 N. Wall 2-6' 3840 103 1037 5-2 (sort wall (N) 2-6 1/09 1039 5-3 wast wall (5) 2-6 681 1041 5-4 5. Wall 2-6 705 1043 5-5 E. Wall (N) 2-6 964 1045 S-6 Ewall (S) 2-6 914 1047 5-7 Base (N) 6' 3849 1049 5-8 Base (5) 6' OR 1051 All composite field samples are high; weed to Excounte more Mode to Northan Rolase 11:10 WSEC Excounting Socond Rolas- Aver Northern Rolasse Time Ppm 5-1 N. Wall 2-5' 1125 123 5ta 5. way 2-5' 11:27 1126 5-3 E. Wall 2-5' 1129 908 5-4 W. Wall 2-5 (13) 1293 5-5 Base 5' 880 1133 Buck with EPPOD said to come back and resAmple both execution tomorrow ; I gave him up defed figures on them have Much more to dig on both excaverhous. (Ormensions + depths) offsite | e 12:00

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Lat 60-10 (North Examples) PROJECT SIDDIOY PAGE 1041 SUBJECT Enterprise DATE 9-28-13 BY TSL CLIENT Orsite e B5; Sign in Collect - Samples from - Excountion licell + Bare PPM Time S-7 N. wall 26 1335 9 sppm Excevation 436 31' XIJX6 SC-2/5-2 S. Wall 2-6' 1337 537 1339 337 1341 5C-3/5-3 E. Wall 2-6' 5-4 w.uall SE-5/5-5 Basen6' 684 1343 As per. Rush samples & Sce what comes back As per Buck Wholer ! Excoustria will stay open un SOUDER, MILLER & ASSOCIATES Serving - New Mexico • Colorado • Arizona • Utah

PEF A PROJECT SIBJULY PAGE (orf 1 Lct. 6B-10 SUBJECT Enderprise DATE 5-28-13 BY TJL CLIENT CHECKED BY 1400 Collect Sample's from Southern Feleose Excaustion <u>rem</u> Time S-1 N. Wall 2-61 1415 16 S-2 S. Wall 1417 2-6' S-3 E. Wall (N) 68 1419 2-6 5-4 E.Wall (5) 9 1420 2-6' 5-5 W. Wall (N) 277 1427 2-6' 1429 1.9 5-6 W. Wall (S) 175 2-6' - 1423 5-7 Base (N) 1278 1425

5-7 Base (N) 1278 1925 6' 5-B Base (S) 175 1423 6' Come back & Scouple Wett Week Oftste c 150

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Lat. 613-10 (South) PROJECT SUBJECT PAGE 1 220 TJC 8-30-13 CLIENT DATE 8Y CHECKED onsit a 1315 ; Collect Soil Samples Franc exca walls ction and Base Time Ppm 1345 413 5-1 2-6' (N) Sea 2-6 (s)--|347 B 5-3 2-6' (E) 1346 63 5-4 2-6'(2) 1348 5 4B 5-5 Bete Base (6') 1350 667 1400 onshe Northan Rolesse Time 1177 1415 17 S-1 0-5 1417 5-2 18 0-5 1419 5-3 0-5' JYE 0-5' 1421 ·1473-646

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العامة من من المارين. مراجع م Lateral 68-10 PROJECT SIDJIOY PAGE 10F2 SUBJECT ERO DATE 9-3-13 BY CLIENT 720 CHECKED USEC Vatedino Exca Exco Collectfrom n: Soir ples N-Sa 10-15ons the Pom 10165 Time -1 Sd -----3,8 0)7 N. wall -'1' 2.9 1034 SIC - 2 S- Wall - 7 50 3 1030 50-4 1031 107 www.uall+1-7 --1033 56-5 ----/-:0-1 Final Execution Dimensions = 32 × 13 × 7 ES. Execution lem Time 5x + 1SI ppm Swall 1119 2-9 SETA 1121 63 pp m E. W. H (N) • 2-9 58 3 . 4-1123 41pp E-6x11CS) 58-4-3223 ÷ ł 25 1 W. Wall_(5) 11-95 L 2-41

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SUBJECT LC. Foral 63-10		PROJECT	6122	ley pag	<u>)</u>	<i>F</i> 2	
CLIENT Enterprise		DATE	7-3-1	'] _{вү}	732		
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58-6 113	3	172					
W. (wall $2-9'$							•
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54-7-113	5	·		╾┝╾╺╎╴╺┍╸	·		
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efforte e 1315 * # A	11_5C 50	principe	s cl	ange_	to +	Fold	
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SOUDER, MILLER & ASSOCIATES S	ervina – New	Mexico	• Colorad	0 • Arizi	 ona ● 1	Utah	الــــــــــــــــــــــــــــــــــــ

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Lat. 6B-10 Southern Rolone 5120164 PAGE 1 A3 PROJECT SUBJECT Enterprise BY THE DATE 9-9-13 CLIENT onsite e 1000; coaiting for operator of the track hue to return; Excavation is too deep to enter! 50-6 - /10 PPM Time asst Base e 1133 C 18' 3.0 SC - 1 1100 Fast Base Sc - 7 Sw wall > 79 11 35 56-2 6 per 1103 offsike 1200 North wall 0-12 5(-3 9 ppm 1103 Ecot Wall 0-1-0 56-4 South wall 69 ppm [112 0-12 50-5 West Wall 0-12 123 pp 1120 * NE Stockpile 1020 0.0 Sio stock pre 1030 4322

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Colorado

Arizona

Utah

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1		s (1065	OK -	> 10,000
5-2	west	wall		1057	- 337	5
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Lateral SUÉJECT

eral 68-10 Southern florge PROJECT SIZZION

DATE

PAGE SF3



Enterpose

9-9-13 BY 772



Site Photographs Enterprise Products 6B-10 Pipeline Release



Photo 1: View of the pipeline and excavation for the northern release.



Photo 2: View of the excavation for the northern release.
Site Photographs Enterprise Products 6B-10 Pipeline Release



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Photo 4: View of the excavation for the southern release.

Site Photographs Enterprise Products 6B-10 Pipeline Release



Photo 6: View of the excavation and loading of hydrocarbon impacted soils at the southern release.



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Bill of Lading

MANIFEST # 44583

DATE 9-3-13 JOB # 97057-0585

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD	cc	MP	PLETE DESCRIPT	TION OF SHIPME	NT			TRANSPO	RTING	COMPA	NY
NO.	POINT OF ORIGIN		DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
Z	ENTERPLISC CAT 6B 10 pipeline "Contegos 20:	3''	LFI	cont Soil	BR-3	12	_	MOSS	47	9:30	Los Mos
2	n 1		n 11	11 11	BR-3	12		M 055	41	1100	Le Mas
3	() ()		11 11	3	RR-3	12	-	1053	47	1234	Les moss
4	1	11	~ <i>1</i> /	+ "	B8:3	12	~	moss	47	1406	Per mass
5	μ .	1	u u	a if	BB-3	12	1	MOSS	47	15:20	Lee Mors
le	CO	4	1 U	c1 (5.	<i>BB-3</i>	12	ĺ	MOSS	47	16:50	Los Moss
					-	72				_	
RESULTS			LANDFARM	$\left(\begin{array}{c} 6 \end{array} \right)$	J	/	BGW	NOTES:	.		
K292	CHLORIDE TEST	2	EMPLOYEE:	Leve	for		<u> </u>				
	PAINT FILTER TEST			cation of above re	•		-				
By signing mentioned	g as the driver/transporter, d Generator/Point of Origin	l c n ar	ertify the material nd that no additior	hauled from the a nal material has be	bove locatio en added o	on has not l r mixed into	o the loa	d.		•	material is from the above
TRANSPO	RTER CO. MOSS	Ex	koustion		ee M	220		SIGNATURE	Lee	M	ns RDC
	CONTACT BUCK			PHONE					3-1	2	
	s required prior to distribu	tion			-						



Bill of Lading

MANIFEST # <u>44619</u> DATE <u>9-9-13</u> JOB # <u>97057-0585</u>

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD		COMF	PLETE C	ESCRIPT	ION OF SHIPME	NT			TRANSPO	ORTING	COMPAN	NY
NO.	POINT OF ORIG	<u> </u>	DESTI	NATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	Enterprise Lata UB-10 Pipeline	na 1 -	LF	T	Cont	C-24	12		MOSS Exequation	47	910	Leemon
2	Gallegos 203	_	N	11	(1	C-24	12	-	M079	17	915	2
3	<u>n</u> 1	1	1L	H	11	C-24	12			41	IIÓD	Lee mas
4	<u>ң</u>) ()\	11	11	C-24	10	(MOS S	15	1105	HALEME
5	K	1.	ĸ	10	l	C-24	12	1	MOSS	17	1115	2
4	<u>n</u>	1 \	К	ιc	IX.	C-24	12	-	M055	47	1210	Los Moss ,
7	١L	11	11	11	11	(-24	10	-	M655	15	1230	TorLBML
8	11	11	11	11	11	C-24	12		M053	17	1245	Diani
9	N	Ν	n	11	11	C-24	12		Moss	47	13&5	fee mos
10	ĸ	11	k	11	11	C-24	10	<u> </u>	M055	15	1345	Not BMP
	11	11	1	11	11	C-24	12		M.053	17	1405	Zizit
12	1(ار ا	4	"	11	C-24	12	•••••	MIS	15	1444	BUC
RESULTS			LANE	FARM	0		138		NOTES:			
L292	CHLORIDE TEST	4		OYEE:	Hon te	3 of	13 0 BG	W				/
	PAINT FILTER TEST				cation of above re	<u> </u>						

By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load.

TRANSPORTER CO. Moss Excaveling	NAME Lee Moss	SIGNATURE too Man	
COMPANY CONTACT Gary Maeshas	PHONE 216-2744	DATE 9-9-13	

Signatures required prior to distribution of the legal document.



Bill of Lading

MANIFEST # <u>44621</u> date <u>9-9-13</u> job # <u>97057-0585</u>

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD		COMF	PLETE DESCRIPT	ION OF SHIPME	NT			TRANSPO	DRTING	COMPA	NY]
NO.	POINT OF ORIGI	N	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE	1
	Enteprise Latera UB-10 Pipelm		LFI	Cont	0-24	12	-	Moss Excavation	41	1445	Los Moss	
2	Gallayos 200		р n	11	6-24	12	-	MOSS	47	1600	Leo Mass	
3	11 11		TL (1	11	15-24	10		Mrs	15	1405	Tol. BNC	
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RESULT	<u> </u> S:		LANDFARM		`			NOTES:		<u> </u>		
1292	CHLORIDE TEST	1	EMPLOYEE:	- Kin-	Bil	1	Bar					
	PAINT FILTER TEST	1	Certific	cation of above re	ceival & pla	cement						
mentione	d Generator/Point of Or	rigin a	nd that no addition	al material has be	en added o	r mixed into	o the load	ded to or tampered	with. I ce	ertify the	material is from the above	
TRANSPO	RTER CO	Ex	covation	NAME	Lee m	055			Lee	mo		
COMPANY	DAMPANY CONTACT GOLV MARSTAS PHONE 215-2744 DATE 9-9-13											

Signatures required prior to distribution of the legal document.

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HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

September 11, 2013

Thomas Long Souder, Miller and Associates 2101 San Juan Boulevard Farmington, NM 87401 TEL: (505) 325-7535 FAX (505) 327-1496

RE: Lateral 6B-10 North Release

OrderNo.: 1309128

Dear Thomas Long:

Hall Environmental Analysis Laboratory received 5 sample(s) on 9/4/2013 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to <u>www.hallenvironmental.com</u> or the state specific web sites. In order to properly interpret your results it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0190

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Date Reported: 9/11/2013

Hall Environmental Analysis Laboratory, Inc.

 CLIENT: Souder, Miller and Associates
 Client Sample ID: SC-1

 Project: Lateral 6B-10 North Release
 Collection Date: 9/3/2013 10:27:00 AM

 Lab ID: 1309128-001
 Matrix: SOIL
 Received Date: 9/4/2013 10:00:00 AM

 Analyses
 Result
 RL Qual Units
 DF Date Analyzed

Analyses	Result	RL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANG	E ORGANICS				Analys	t: JME
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	9/6/2013 11:07:22 AM	9188
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	9/6/2013 11:07:22 AM	9188
Surr: DNOP	93.0	63-147	%REC	1	9/6/2013 11:07:22 AM	9188
EPA METHOD 8015D: GASOLINE RA	NGE				Analys	t: NSB
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	9/6/2013 7:04:59 PM	9190
Surr: BFB	97.9	80-120	%REC	1	9/6/2013 7:04:59 PM	9190
EPA METHOD 8021B: VOLATILES					Analys	t: NSB
Benzene	ND	0.047	mg/Kg	1	9/6/2013 7:04:59 PM	9190
Toluene	ND	0.047	mg/Kg	1	9/6/2013 7:04:59 PM	9190
Ethylbenzene	ND	0.047	mg/Kg	1	9/6/2013 7:04:59 PM	9190
Xylenes, Total	ND	0.093	mg/Kg	1	9/6/2013 7:04:59 PM	9190
Surr: 4-Bromofluorobenzene	108	80-120	%REC	1	9/6/2013 7:04:59 PM	9190

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method Blank
	Е	Value above quantitation range	н	Holding times for preparation or analysis exceeded
	J Analyte detected below quantitation limits		ND	Not Detected at the Reporting Limit Page 1 of 8
	0	RSD is greater than RSDlimit	Р	Not Detected at the Reporting Limit Page 1 of 8 Sample pH greater than 2 for VOA and TOC only.
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	Spike Recovery outside accepted recovery limits		

Date Reported: 9/11/2013

Hall Environmental Analysis Laboratory, Inc.

-

 CLIENT:
 Souder, Miller and Associates
 Client Sample ID: SC-2

 Project:
 Lateral 6B-10 North Release
 Collection Date: 9/3/2013 10:29:00 AM

 Lab ID:
 1309128-002
 Matrix: SOIL
 Received Date: 9/4/2013 10:00:00 AM

 Analyses
 Result
 RL
 Ougl Linits
 DE

Analyses	Result	RL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANG	E ORGANICS				Analys	t: JME
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	9/6/2013 11:38:28 AM	9188
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	9/6/2013 11:38:28 AM	9188
Surr: DNOP	94.3	63-147	%REC	1	9/6/2013 11:38:28 AM	9188
EPA METHOD 8015D: GASOLINE RA	NGE				Analys	t: NSB
Gasoline Range Organics (GRO)	ND	4.6	mg/Kg	1	9/6/2013 10:25:22 PM	9190
Surr: BFB	93.0	80-120	%REC	1	9/6/2013 10:25:22 PM	9190
EPA METHOD 8021B: VOLATILES					Analys	t: NSB
Benzene	ND	0.046	mg/Kg	1	9/6/2013 10:25:22 PM	9190
Toluene	ND	0.046	mg/Kg	1	9/6/2013 10:25:22 PM	9190
Ethylbenzene	ND	0.046	mg/Kg	1	9/6/2013 10:25:22 PM	9190
Xylenes, Total	ND	0.092	mg/Kg	1	9/6/2013 10:25:22 PM	9190
Surr: 4-Bromofluorobenzene	101	80-120	%REC	1	9/6/2013 10:25:22 PM	9190

				a contract of the second se
Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method Blank
	Е	Value above quantitation range	Н	Holding times for preparation or analysis exceeded
i		Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit Page 2 of 8
	O RSD is greater than RSDlimit		Р	Not Detected at the Reporting Limit Page 2 of 8 Sample pH greater than 2 for VOA and TOC only.
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	Spike Recovery outside accepted recovery limits		

Analytical Report Lab Order 1309128 Date Reported: 9/11/2013

Hall Environmental Analysis Laboratory, Inc.

Analyses		Result	RL Qual	Units	DF Date Analyzed	Batch				
Lab ID:	1309128-003	Matrix: So	JIL	Received Date: 9/4/2013 10:00:00 AM						
Project:	Lateral 6B-10 North Release	Collection Date: 9/3/2013 10:30:00 AM								
CLIENT:	Souder, Miller and Associates	Client Sample ID: SC-3								

EPA METHOD 8015D: DIESEL RANGE	ORGANICS				Analyst	JME
Diesel Range Organics (DRO)	11	10	mg/Kg	1	9/6/2013 12:09:33 PM	9188
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	9/6/2013 12:09:33 PM	9188
Surr: DNOP	90.2	63-147	%REC	1	9/6/2013 12:09:33 PM	9188
EPA METHOD 8015D: GASOLINE RAN	GE				Analyst	NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	9/6/2013 10:53:59 PM	9190
Surr: BFB	115	80-120	%REC	1	9/6/2013 10:53:59 PM	9190
EPA METHOD 8021B: VOLATILES					Analyst	NSB
Benzene	ND	0.049	mg/Kg	1	9/6/2013 10:53:59 PM	9190
Toluene	ND	0.049	mg/Kg	1	9/6/2013 10:53:59 PM	9190
Ethylbenzene	ND	0.049	mg/Kg	1	9/6/2013 10:53:59 PM	9190
Xylenes, Total	ND	0.097	mg/Kg	1	9/6/2013 10:53:59 PM	9190
Surr: 4-Bromofluorobenzene	105	80-120	%REC	1	9/6/2013 10:53:59 PM	9190

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method Blank				
	Е	Value above quantitation range	н	Holding times for preparation or analysis exceeded				
	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit Page 3 of 8				
	0	RSD is greater than RSDlimit	Р	Sample pH greater than 2 for VOA and TOC only.				
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit				
	S	Spike Recovery outside accepted recovery limits						

Date Reported: 9/11/2013

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller and Associates **Client Sample ID:** SC-4 Project: Lateral 6B-10 North Release Collection Date: 9/3/2013 10:31:00 AM 1309128-004 Lab ID: Matrix: SOIL Received Date: 9/4/2013 10:00:00 AM . ab D .14 DT 0 I Unit DE Data Analy А

Analyses	Result	RL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE	E ORGANICS				Analys	t: JME
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	9/6/2013 12:40:38 PM	9188
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	9/6/2013 12:40:38 PM	9188
Surr: DNOP	86.0	63-147	%REC	1	9/6/2013 12:40:38 PM	9188
EPA METHOD 8015D: GASOLINE RAI	NGE				Analys	t: NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	9/6/2013 11:51:04 PM	9190
Surr: BFB	115	80-120	%REC	1	9/6/2013 11:51:04 PM	9190
EPA METHOD 8021B: VOLATILES					Analys	t: NSB
Benzene	ND	0.048	mg/Kg	1	9/6/2013 11:51:04 PM	9190
Toluene	ND	0.048	mg/Kg	1	9/6/2013 11:51:04 PM	9190
Ethylbenzene	ND	0.048	mg/Kg	1	9/6/2013 11:51:04 PM	9190
Xylenes, Total	0.28	0.096	mg/Kg	1	9/6/2013 11:51:04 PM	9190
Surr: 4-Bromofluorobenzene	108	80-120	%REC	1	9/6/2013 11:51:04 PM	9190

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method Blank
	Е	Value above quantitation range	Н	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit Page 4 of 8
	0	RSD is greater than RSDlimit	Р	Sample pH greater than 2 for VOA and TOC only.
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	Spike Recovery outside accepted recovery limits		

Date Reported: 9/11/2013

9/6/2013 1:11:34 PM

9/6/2013 1:11:34 PM

9/6/2013 1:11:34 PM

9/7/2013 12:19:41 AM

Analyst: JME

Analyst: NSB

Analyst: NSB

9188

9188

9188

9190

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9190

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9190

9190

Hall Environmental Analysis Laboratory, Inc.

EPA METHOD 8015D: DIESEL RANGE ORGANICS

Diesel Range Organics (DRO)

Surr: DNOP

Surr: BFB

Benzene

Toluene

Ethylbenzene

Xylenes, Total

Motor Oil Range Organics (MRO)

Gasoline Range Organics (GRO)

EPA METHOD 8021B: VOLATILES

Surr: 4-Bromofluorobenzene

EPA METHOD 8015D: GASOLINE RANGE

Analyses		Result	RL Qual	Units	DF Date Analyzed	Batch
Lab ID:	1309128-005	Matrix:	SOIL	Received	Date: 9/4/2013 10:00:00 AM	
Project:	Lateral 6B-10 North Release			Collection	Date: 9/3/2013 10:33:00 AM	
CLIENT:	Souder, Miller and Associates		(Client Samp	ole ID: SC-5	

9.9

50

4.7

s

80-120

0.047

0.047

0.047

0.094

80-120

63-147

mg/Kg

mg/Kg

%REC

mg/Kg

%REC

mg/Kg

mg/Kg

mg/Kg

mg/Kg

%REC

1

1

1

1

1

1

1

1

1

1

200

330

97.2

5.7

131

ND

ND

ND

0.13

107

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method Blank
	Ε	Value above quantitation range	Н	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit Page 5 of 8
	0	RSD is greater than RSDlimit	Р	Sample pH greater than 2 for VOA and TOC only.
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	Spike Recovery outside accepted recovery limits		

WO#:

	Miller and 6B-10 Nort									
Sample ID MB-9188 Client ID: PBS Prep Date: 9/5/2013	•	Гуре: Мі h ID: 91	88	F	tCode: El RunNo: 1 SegNo: 3	3093	8015D: Diese		Organics	
Analyte	Result	PQL		SPK Ref Val	%REC	LowLimit	Units: mg/K HighLimit	vy %RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO) Surr: DNOP	ND 8.6	50	10.00		85.6	63	147			_
Sample ID LCS-9188	Samp	Type: LC	s	Tes	tCode: El	PA Method	8015D: Diese	el Range (Organics	
Client ID: LCSS	Batc	h ID: 91	88	F	RunNo: 1	3132				
Prep Date: 9/5/2013	Analysis [Date: 9 /	6/2013	ę	SeqNo: 3	74988	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	61	10	50.00	0	122	77.1	128			
Surr: DNOP	4.8		5.000		95.7	63	147			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- $\label{eq:posterior} P \qquad \text{Sample pH greater than 2 for VOA and TOC only.}$
- RL Reporting Detection Limit

Page 6 of 8

1309128 11-Sep-13

Sample ID MB-9190	Samp	Гуре: МЕ	BLK	Tes	TestCode: EPA Method 8015D: Gasoline Range						
Client ID: PBS	Batc	Batch ID: 9190 RunNo: 13161					-				
Prep Date: 9/5/2013	Analysis [Date: 9 /	6/2013	S	SeqNo: 375487			Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Gasoline Range Organics (GRO)	ND	5.0									
Surr: BFB	940		1000		94.0	80	120				
Sample ID LCS-9190	Samp	Type: LC	S	Tes	tCode: El	PA Method	8015D: Gaso	line Rang	e		
Client ID: LCSS	Batc	h ID: 91	90	F	RunNo: 1	3161					
Prep Date: 9/5/2013	Analysis [Date: 9/	6/2013	S	SeqNo: 3	75488	Units: mg/H	٢g			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Gasoline Range Organics (GRO)	25	5.0	25.00	0	101	74.5	126				
Casoline Mange Organics (Circo)	20	0.0		-							

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2 for VOA and TOC only.
- RL Reporting Detection Limit

WO#: 1309128 11-Sep-13

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	er, Miller and al 6B-10 Nort										
90	Samp	Гуре: МЕ	BLK	Tes	tCode: E	PA Method	8021B: Vola	tiles			
	Batc	h ID: 91	90	я	RunNo: 1	3161					
013	Analysis Date: 9/6/2013			SeqNo: 375522			Units: mg/Kg				
	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
	ND	0.050									
	ND	0.050									
	ND	0.050									

Xylenes, Total Surr: 4-Bromofluorobenzene	ND 1.1	0.10	1.000		107	80	120			
Sample ID LCS-9190		Type: LC		Tes			8021B: Vola	tiles		
Client ID: LCSS	Batcl	h ID: 91	90	F	RunNo: 1	3161				
Prep Date: 9/5/2013	Date: 9 /	6/2013	S	SeqNo: 3	75523	Units: mg/H	٢g			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.1	0.050	1.000	0	106	80	120			
Toluene	1.0	0.050	1.000	0	105	80	120			
Ethylbenzene	1.0	0.050	1.000	0	104	80	120			
Xylenes, Total	3.2	0.10	3.000	0	105	80	120			
Surr: 4-Bromofluorobenzene	1.1		1.000		113	80	120			

Qualifiers:

Client:

Project:

Client ID:

Analyte Benzene Toluene Ethylbenzene

Sample ID MB-9190

PBS Prep Date: 9/5/2013

- * Value exceeds Maximum Contaminant Level.
- Value above quantitation range Е
- Analyte detected below quantitation limits J
- 0 RSD is greater than RSDlimit
- RPD outside accepted recovery limits R
- Spike Recovery outside accepted recovery limits S
- Analyte detected in the associated Method Blank В
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Sample pH greater than 2 for VOA and TOC only. Р
- RL Reporting Detection Limit

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11-Sep-13

1309128

WO#:

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HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: SMA-FARM	Work Order Number:	1309128	3		RcptN	o: 1
Received by/date: AG Logged By: Lindsay Mangin	09/04/13 9/4/2013 10:00:00 AM		Auch	Hly		
Completed By: Lindsay Mangin	9/5/2013 9;10:21 AM		C turk	Mayo		
A/ A			0.5	(ma gi so)		
Reviewed By:	09/05/13					
<u>Chain of Custody</u> / V						
1 Custody seals intact on sample bottles?		Yes	: No)	Not Present 🗸) `
2. Is Chain of Custody complete?		Yes 😽	No No)	Not Present	t
3 How was the sample delivered?		<u>Courier</u>				
Log In						
4. Was an attempt made to cool the samples	s?	Yes	N N	0	NA :	
5. Were all samples received at a temperatu	re of >0° C to 6.0°C	Yes ∵¥	. No		NA	
6. Sample(s) in proper container(s)?		Yes	N. N	o [:]		
7. Sufficient sample volume for indicated test	t(s)?	Yes 🕯	/ No	c		
8. Are samples (except VOA and ONG) prop	erly preserved?	Yes 🕅	/ No	b		
9. Was preservative added to bottles?		Yes	· No		NA	
10.VOA vials have zero headspace?		Yes	i Ne	2	No VOA Vials 🗸	j.
11. Were any sample containers received bro	ken?	Yes [†]	i N	o 🔽	# of preserved bottles checked	
12. Does paperwork match bottle labels?		Yes N	/ N	. !	for pH:	
(Note discrepancies on chain of custody)						2 or >12 unless noted)
13. Are matrices correctly identified on Chain	of Custody?	Yes) : : . :	Adjusted?	
14. Is it clear what analyses were requested?		Yes				
15. Were all holding times able to be met? (If no, notify customer for authorization.)		Yes 🕚	/ No	י⊧ נ	Checked by	<i>f.</i>
Special Handling (if applicable)						
16. Was client notified of all discrepancies wit	h this order?	Yes	! N	י . <mark>י</mark>	NA -M	/
Person Notified:	Date:					
By Whom:	Via:	; eMail	Phone	Fax	In Person	
Regarding:	in the additional and the second s	an 16 Canada da Canada da An		ALL		r
Client Instructions:	ka di Malilia da Cantan da mangangan sa manangan sa mangan sa mangan sa mangan sa mangan sa mangan sa mangan s			dan anal ba Priman	<u></u>	
17. Additional remarks:						
18. <u>Cooler Information</u>						
Cooler No Temp °C Condition	Seal Intact Seal No	Seal Date	e Signeo	l By	ļ	
1 2.8 Good Y	′es				ļ	

Page 1 of 1

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		of-Cu	stody Record	Turn-Around	Time:					-			_		<i></i>						
Client:	SMA	:			🗆 Rush	I .		1000											NT.		
				Project Nam	e: Lalar	1 6B-10 th Release					www							FC P		7 FC 1	ſ
Mailing	Address	2/12/	San Juan Blud.		Nor	the Relacie		49	01 H								M 87	100			
~			1 87401	Project #:		i ne (eust	1		əl. 50								-410				
			57535		5122104			1	51. 00		10-00								লন্দ হুবু দেয়া। বিশেষ হুবু দেয়া।		
				Project Mana	ager:			(<u>}</u>	()				•							10 HE SI 4 H	1000
QA/QC F		:	7		The	1	5	s or	/ MF			G		4,SC	PCB's						
Stan	dard	: 	Level 4 (Full Validation)		Thomas L	s Long	B) e 1	(Ga	В С			SIMS)		PO							
Accredit			r	Sampler:	Thoras L	ong	TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / DRO / MRO)	Ê.	<u> </u>	8270		Anions (F,CI,NO ₃ ,NO ₂ ,PO ₄ ,SO ₄)	8081 Pesticides / 8082						Î
			ſ					+ ш	GR CR CR	418	502	0 8	als	NO3	es /		(A)				, or
	<u>(1966)</u>			[1			MTB	5B (thod	thod	310	Meta	IJ,	sticic	(A)	 				Bubbles (Y or N)
Date	Time	Matrix	Sample Request ID	Container	Preservative	HEAL NOT	+ + ×	+	801	(Me	(Me	s (8	A 8	ns (F	Pe	B (V	(Se				lddu
				Type and #	Туре	1309128	BTEX .	BTE)	H	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or	RCRA 8 Metals	Anio	3081	8260B (VOA)	8270 (Semi-VOA)				Air B
1-373	1077	56.1	Sc-1	402 Jer	Cool	-001	k		×					'		3			+		\uparrow
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13/13	1721	["/'h	ristine Walter a	LSA	$2 - 0^{e}$	1031300	45	5	•												

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: <u>www.hallenvironmental.com</u>

September 13, 2013

Tom Long Souder, Miller and Associates 2101 San Juan Boulevard Farmington, NM 87401 TEL: (505) 330-0868 FAX

RE: Enterprise Lateral 6B-10

OrderNo.: 1309326

Dear Tom Long:

Hall Environmental Analysis Laboratory received 7 sample(s) on 9/10/2013 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to <u>www.hallenvironmental.com</u> or the state specific web sites. In order to properly interpret your results it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0190

Sincerely,

andis

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Date Reported: 9/13/2013

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller and AssociatesProject:Enterprise Lateral 6B-10

1309326-001

Lab ID:

Client Sample ID: SC-1 Collection Date: 9/9/2013 11:00:00 AM Received Date: 9/10/2013 10:00:00 AM

Analyses	es Result RL Qual Units				Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANG	E ORGANICS				Analyst	JME
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	9/13/2013 11:42:51 AM	9273
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	9/13/2013 11:42:51 AM	9273
Surr: DNOP	111	63-147	%REC	1	9/13/2013 11:42:51 AM	9273
EPA METHOD 8015D: GASOLINE RA	NGE				Analyst	NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	9/11/2013 4:27:50 PM	9242
Surr: BFB	98.2	80-120	%REC	1	9/11/2013 4:27:50 PM	9242
EPA METHOD 8021B: VOLATILES					Analyst	NSB
Benzene	ND	0.048	mg/Kg	1	9/11/2013 4:27:50 PM	9242
Toluene	ND	0.048	mg/Kg	1	9/11/2013 4:27:50 PM	9242
Ethylbenzene	ND	0.048	mg/Kg	1	9/11/2013 4:27:50 PM	9242
Xylenes, Total	ND	0.096	mg/Kg	1	9/11/2013 4:27:50 PM	9242
Surr: 4-Bromofluorobenzene	109	80-120	%REC	1	9/11/2013 4:27:50 PM	9242

Matrix: SOIL

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method Blank
	Е	Value above quantitation range	Н	Holding times for preparation or analysis exceeded
	l	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit Page 1 of 9
	0	RSD is greater than RSDlimit	Р	Sample pH greater than 2 for VOA and TOC only.
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	Spike Recovery outside accepted recovery limits		

-

Analytical Report Lab Order 1309326 Date Reported: 9/13/2013

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller and Associates **Project:** Enterprise Lateral 6B-10

1309326-002

Lab ID:

Client Sample ID: SC-2 Collection Date: 9/9/2013 11:03:00 AM Received Date: 9/10/2013 10:00:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANG	GE ORGANICS				Analys	t: JME
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	9/13/2013 12:04:44 PM	1 9273
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	9/13/2013 12:04:44 PM	1 9273
Surr: DNOP	89.8	63-147	%REC	1	9/13/2013 12:04:44 PN	1 9273
EPA METHOD 8015D: GASOLINE R	ANGE				Analys	t: NSB
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	9/11/2013 4:56:26 PM	9242
Surr: BFB	113	80-120	%REC	1	9/11/2013 4:56:26 PM	9242
EPA METHOD 8021B: VOLATILES					Analyst	t: NSB
Benzene	ND	0.047	mg/Kg	1	9/11/2013 4:56:26 PM	9242
Toluene	0.29	0.047	mg/Kg	1	9/11/2013 4:56:26 PM	9242
Ethylbenzene	0.10	0.047	mg/Kg	1	9/11/2013 4:56:26 PM	9242
Xylenes, Total	0.68	0.094	mg/Kg	1	9/11/2013 4:56:26 PM	9242
Surr: 4-Bromofluorobenzene	113	80-120	%REC	1	9/11/2013 4:56:26 PM	9242

Matrix: SOIL

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method Blank				
	Е	Value above quantitation range	Н	Holding times for preparation or analysis exceeded				
	ł	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit Page 2 o	f9			
	0	RSD is greater than RSDlimit	Р	Sample pH greater than 2 for VOA and TOC only.				
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit				
	S	Spike Recovery outside accepted recovery limits						

Date Reported: 9/13/2013

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller and Associates Project: Enterprise Lateral 6B-10

Client Sample 1D: SC-3 Collection Date: 9/9/2013 11:08:00 AM

5										
Lab ID: 1309326-003	Matrix:		Received Date: 9/10/2013 10:00:00 AM							
Analyses	Result RL		Qual Units		DF	Date Analyzed	Batch			
EPA METHOD 8015D: DIESEL RANG	E ORGANICS					Analys	t: JME			
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	9/13/2013 12:26:50 PM	1 9273			
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	9/13/2013 12:26:50 PM	1 9273			
Surr: DNOP	95.6	63-147		%REC	1	9/13/2013 12:26:50 PM	1 9273			
EPA METHOD 8015D: GASOLINE RA	NGE					Analys	t: NSB			
Gasoline Range Organics (GRO)	5.7	4.7		mg/Kg	1	9/11/2013 5:25:10 PM	9242			
Surr: BFB	125	80-120	s	%REC	1	9/11/2013 5:25:10 PM	9242			
EPA METHOD 8021B: VOLATILES						Analys	t: NSB			
Benzene	ND	0.047		mg/Kg	1	9/11/2013 5:25:10 PM	9242			
Toluene	ND	0.047		mg/Kg	1	9/11/2013 5:25:10 PM	9242			
Ethylbenzene	ND	0.047		mg/Kg	1	9/11/2013 5:25:10 PM	9242			
Xylenes, Total	ND	0.094		mg/Kg	1	9/11/2013 5:25:10 PM	9242			
Surr: 4-Bromofluorobenzene	114	80-120		%REC	1	9/11/2013 5:25:10 PM	9242			

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method Blank				
	E	Value above quantitation range	Н	Holding times for preparation or analysis exceeded				
	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit Page 3 of 9				
	0	RSD is greater than RSDlimit	Р	Sample pH greater than 2 for VOA and TOC only.				
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit				
	S	Spike Recovery outside accepted recovery limits						

Analytical Report

Lab Order 1309326

Date Reported: 9/13/2013

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller and AssociatesClient Sample ID: SC-4Project: Enterprise Lateral 6B-10Collection Date: 9/9/2013 11:12:00 AMLab ID: 1309326-004Matrix: SOILReceived Date: 9/10/2013 10:00:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE	ORGANICS				Analys	t: JME
Diesel Range Organics (DRO)	820	10	mg/Kg	1	9/13/2013 12:48:50 PM	/ 9273
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	9/13/2013 12:48:50 PM	/ 9273
Surr: DNOP	82.7	63-147	%REC	1	9/13/2013 12:48:50 PN	1 9273
EPA METHOD 8015D: GASOLINE RAI	NGE				Analys	t: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	9/11/2013 5:53:54 PM	9242
Surr: BFB	117	80-120	%REC	1	9/11/2013 5:53:54 PM	9242
EPA METHOD 8021B: VOLATILES					Analys	t: NSB
Benzene	ND	0.049	mg/Kg	1	9/11/2013 5:53:54 PM	9242
Toluene	ND	0.049	mg/Kg	1	9/11/2013 5:53:54 PM	9242
Ethylbenzene	ND	0.049	mg/Kg	1	9/11/2013 5:53:54 PM	9242
Xylenes, Total	ND	0.098	mg/Kg	1	9/11/2013 5:53:54 PM	9242
Surr: 4-Bromofluorobenzene	110	80-120	%REC	1	9/11/2013 5:53:54 PM	9242

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method Blank				
	Е	Value above quantitation range	Н	Holding times for preparation or analysis exceeded				
	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit Page 4 of 9				
	0	RSD is greater than RSDlimit		Not Detected at the Reporting Limit Page 4 of 9 Sample pH greater than 2 for VOA and TOC only.				
	R	RPD outside accepted recovery limits						
	S	Spike Recovery outside accepted recovery limits						

Analytical Report

Lab Order 1309326

Date Reported: 9/13/2013

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller and Associates**Project:** Enterprise Lateral 6B-10

1309326-005

Lab ID:

Client Sample 1D: SC-5 Collection Date: 9/9/2013 11:20:00 AM Received Date: 9/10/2013 10:00:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed	Batch	
EPA METHOD 8015D: DIESEL RANG	E ORGANICS				Analyst	: JME	
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	9/13/2013 1:10:57 PM	9273	
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	9/13/2013 1:10:57 PM	9273	
Surr: DNOP	65.6	63-147	%REC	1	9/13/2013 1:10:57 PM	9273	
EPA METHOD 8015D: GASOLINE RA	NGE				Analyst	NSB	
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	9/11/2013 6:22:33 PM	9242	
Surr: BFB	101	80-120	%REC	1	9/11/2013 6:22:33 PM	9242	
EPA METHOD 8021B: VOLATILES					Analyst	: NSB	
Benzene	ND	0.047	mg/Kg	1	9/11/2013 6:22:33 PM	9242	
Toluene	0.061	0.047	mg/Kg	1	9/11/2013 6:22:33 PM	9242	
Ethylbenzene	ND	0.047	mg/Kg	1	9/11/2013 6:22:33 PM	9242	
Xylenes, Total	ND	0.094	mg/Kg	1	9/11/2013 6:22:33 PM	9242	
Surr: 4-Bromofluorobenzene	110	80-120	%REC	1	9/11/2013 6:22:33 PM	9242	

Matrix: SOIL

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method Blank				
	Е	Value above quantitation range	н	Holding times for preparation or analysis exceeded				
	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit Page 5 of 9				
	0	RSD is greater than RSDlimit	Р	Not Detected at the Reporting Limit Page 5 of 9 Sample pH greater than 2 for VOA and TOC only.				
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit				
	S	Spike Recovery outside accepted recovery limits						

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 9/13/2013

CLIENT: Souder, Miller and Associates Project: Enterprise Lateral 6B-10

1309326-006

Lab ID:

Client Sample ID: SC-6 Collection Date: 9/9/2013 11:33:00 AM Received Date: 9/10/2013 10:00:00 AM

Analyses Result **RL** Qual Units **DF** Date Analyzed Batch **EPA METHOD 8015D: DIESEL RANGE ORGANICS** Analyst: JME Diesel Range Organics (DRO) ND ' 9.9 mg/Kg 9/13/2013 1:32:50 PM 9273 1 Motor Oil Range Organics (MRO) ND 50 mg/Kg 1 9/13/2013 1:32:50 PM 9273 Surr: DNOP %REC 94.8 63-147 9/13/2013 1:32:50 PM 1 9273 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB Gasoline Range Organics (GRO) ND 4.7 mg/Kg 9/11/2013 6:51:12 PM 9242 1 Surr: BFB 99.4 80-120 %REC 1 9/11/2013 6:51:12 PM 9242 **EPA METHOD 8021B: VOLATILES** Analyst: NSB Benzene 9/11/2013 6:51:12 PM ND 0.047 9242 mg/Kg 1 Toluene 0.084 0.047 mg/Kg 9/11/2013 6:51:12 PM 9242 1 Ethylbenzene ND 0.047 mg/Kg 9/11/2013 6:51:12 PM 9242 1 Xylenes, Total 0.094 0.11 mg/Kg 1 9/11/2013 6:51:12 PM 9242 Surr: 4-Bromofluorobenzene 106 80-120 %REC 1 9/11/2013 6:51:12 PM 9242

Matrix: SOIL

*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method Blank				
E	Value above quantitation range	н	Holding times for preparation or analysis exceeded				
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit Page 6 of 9				
0	RSD is greater than RSDImit	Р	Sample pH greater than 2 for VOA and TOC only.				
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit				
S	Spike Recovery outside accepted recovery limits						
	Ŋ	 E Value above quantitation range J Analyte detected below quantitation limits O RSD is greater than RSDIimit R RPD outside accepted recovery limits 	EValue above quantitation rangeHJAnalyte detected below quantitation limitsNDORSD is greater than RSDIimitPRRPD outside accepted recovery limitsRL				

Date Reported: 9/13/2013

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller and Associates Project: Enterprise Lateral 6B-10

1309326-007

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Lab ID:

Client Sample 1D: SC-7 Collection Date: 9/9/2013 11:35:00 AM Received Date: 9/10/2013 10:00:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANG	GE ORGANICS				Analysi	t: JME
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	9/13/2013 1:55:01 PM	9273
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	9/13/2013 1:55:01 PM	9273
Surr: DNOP	76.6	63-147	%REC	1	9/13/2013 1:55:01 PM	9273
EPA METHOD 8015D: GASOLINE R	ANGE				Analyst	II NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	9/12/2013 3:13:48 PM	9242
Surr: BFB	106	80-120	%REC	1	9/12/2013 3:13:48 PM	9242
EPA METHOD 8021B: VOLATILES					Analyst	NSB
Benzene	ND	0.048	mg/Kg	1	9/12/2013 3:13:48 PM	9242
Toluene	0.12	0.048	mg/Kg	1	9/12/2013 3:13:48 PM	9242
Ethylbenzene	ND	0.048	mg/Kg	1	9/12/2013 3:13:48 PM	9242
Xylenes, Total	ND	0.096	mg/Kg	1	9/12/2013 3:13:48 PM	9242
Surr: 4-Bromofluorobenzene	109	80-120	%REC	1	9/12/2013 3:13:48 PM	9242

Matrix: SOIL

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method Blank				
	Е	Value above quantitation range	Н	Holding times for preparation or analysis exceeded				
	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit Page 7 of 9				
	0	RSD is greater than RSDlimit	Р	Not Detected at the Reporting Limit Page 7 of 9 Sample pH greater than 2 for VOA and TOC only.				
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit				
	S	Spike Recovery outside accepted recovery limits						

QC SUMMARY REPORT

Client:	Souder,	Miller and Asso	ociates							
Project:	Enterpri	se Lateral 6B-10)							
Sample ID	MB-9242	SampType:		Tee	tCode: El	PA Mothod	8015D: Gaso	lino Pana		
·				TestCode: EPA Method 8015D: Gasoline Range RunNo: 13292						
Client ID:	PBS	Batch ID:	9242	F	(unno: 1	3292				
Prep Date:	9/10/2013	Analysis Date:	9/11/2013	S	SeqNo: 3	78524	Units: mg/K	g		
Analyte		Result PC	L SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Rang	e Organics (GRO)	ND 5	5.0							
Surr: BFB		920	1000		92.1	. 80	120			
Sample ID	LCS-9242	SampType:	LCS	Tes	tCode: El	PA Method	8015D: Gaso	line Rang	e	
Client ID:	LCSS	RunNo: 13292								
Prep Date:	9/10/2013	Analysis Date:	9/11/2013	S	SeqNo: 3	78525	Units: mg/K	g		
Analyte		Result PC	L SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Rang	e Organics (GRO)	24 5	5.0 25.00	0	95.1	74.5	126			
Surr: BFB		990	1000		99.1	80	120			
Sample ID	MB-9268 MK	SampType:	MBLK	Tes	tCode: El	PA Method	8015D: Gaso	line Rang	e	-
Client ID:	PBS	Batch ID:	R13320	R	tunNo: 1	3320				
Prep Date:		Analysis Date:	9/12/2013	S	SeqNo: 3	79411	Units: %RE	с		
Analyte		Result PC	L SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB		950	1000		95.4	80	120			
Sample ID	LCS-9268 MK	SampType:	LCS	Tes	tCode: El	PA Method	8015D: Gaso	line Rang	e	
Client ID:	LCSS	Batch ID:	R13320	F	lunNo: 1	3320				
Prep Date:		Analysis Date:	9/12/2013	S	eqNo: 3	79412	Units: %RE	с		
Analyte		Result PC	L SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB		1100	1000		110	80	120			

Hall Environmental Analysis Laboratory, Inc.

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2 for VOA and TOC only.
- RL Reporting Detection Limit

Page 8 of 9

1309326 13-Sep-13

WO#:

Client: Project:		Miller and ise Lateral (ates								
Sample ID	MB-9242	Samp	Type: ME	BLK	Tes	tCode: El	PA Method	8021B: Vola	tiles			
Client ID:	PBS	Batc	h ID: 92	42	F	RunNo: 1	3292					
Prep Date:	9/10/2013	Analysis (Date: 9/	11/2013	S	SeqNo: 3	78545	Units: mg/k	۲a			
Analyte		Result	PQL		SPK Ref Val	%REC	LowLimit	_	%RPD	RPDLimit	Qual	
Benzene		ND	0.050				LOWLINI	HighLimit	20KFD	REDLIM	Qual	
Toluene		ND	0.050									
Ethylbenzene		ND	0.050									
Xylenes, Total		ND	0.10									
	ofluorobenzene	1.0	0.10	1.000		103	80	120				
Sample ID	e ID LCS-9242 SampType: LCS					TestCode: EPA Method 8021B: Volatiles						
Client ID:	LCSS	Batch ID: 9242				RunNo: 13292						
Prep Date:	9/10/2013	Analysis Date: 9/11/2013			SeqNo: 378546			Units: mg/Kg				
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Benzene		0.98	0.050	1.000	0	97.7	80	120				
Toluene		0.99	0.050	1.000	0	98.7	80	120				
Ethylbenzene		0.99	0.050	1.000	0	99.1	80	120				
Xylenes, Total		3.0	0.10	3.000	0	98.7	80	120				
Surr: 4-Bromo	ofluorobenzene	1.1		1.000		110	80	120				
Sample ID	MB-9268 MK	Samp	Гуре: МЕ	3LK	Tes	tCode: El	PA Method	8021B: Vola	tiles			
Client ID:	PBS	Batc	h ID: R1	3320	F	RunNo: 1	3320					
Prep Date:		Analysis [Date: 9/	12/2013	S	SeqNo: 3	79491	Units: %RE	с			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Surr: 4-Bromo	ofluorobenzene	1.1		1.000		107	80	120				
Sample ID	LCS-9268 MK	Samp	Гуре: LC	S	Tes	tCode: El	PA Method	8021B: Vola	tiles			
Client ID:	LCSS	Batc	h ID: R1	3320	F	RunNo: 1	3320					
Prep Date:		Analysis (Date: 9/	12/2013	S	SeqNo: 3	79492	Units: %RE	с			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Surr: 4-Bromo	ofluorobenzene	1.1		1.000		114	80	120				

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2 for VOA and TOC only.
- RL Reporting Detection Limit

Page 9 of 9

1309326 *13-Sep-13*

WO#:

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: SMA-FARM	Work Order Numbe	er: 1309326		RcptNo:	1
Received by/date: Logged By: Lindsay/Mangin	69/10/13 9/10/2013 10:00:00 A		Jourly Mongo		
Completed By: Lindsay Mangin Reviewed By: M.J.	9/10/2013 10:48:38 A 09/10/13	M	Jonahy Hongo		
Chain of Custody	i i				
1. Custody seals intact on sample bottles?		Yes	No	Not Present 🗸	
2. Is Chain of Custody complete?		Yes 🗸	No	Not Present	
3. How was the sample delivered?		Courier			
<u>Log In</u>					
4. Was an attempt made to cool the sample	es?	Yes 🗸	No	NA	
5. Were all samples received at a temperat	ure of >0° C to 6.0°C	Yes 🗸	No	NA	
6. Sample(s) in proper container(s)?		Yes 🗸	No		
7. Sufficient sample volume for indicated te	st(s)?	Yes 🗸	No		
8. Are samples (except VOA and ONG) pro	perly preserved?	Yes 🗸	No		
9. Was preservative added to bottles?		Yes	No 🗸	NA	
10.VOA vials have zero headspace?		Yes	No ^{† †}	No VOA Vials 🗸	
11, Were any sample containers received br	oken?	Yes	No 🗸	# of preserved bottles checked	
12. Does paperwork match bottle labels? (Note discrepancies on chain of custody)		Yes 🔽	No	for pH:	r >12 unless noted)
13. Are matrices correctly identified on Chair		Yes 🗸	No	Adjusted?	
14. Is it clear what analyses were requested?	2	Yes 🗸	No		
15. Were all holding times able to be met? (If no, notify customer for authorization.)		Yes 🗸	No	Checked by:	
Special Handling (if applicable)					
16, Was client notified of all discrepancies w	ith this order?	Yes	No	NA 🗸	
Person Notified:	Date:				
By Whom:	Via:	∶∶eMail !∶F	Phone	In Person	:
Regarding:	**************************************		NAME OF A DESCRIPTION OF A DESCRIPTION OF A		: .
Client Instructions:	a na ang ang ang ang ang ang ang ang ang				
17. Additional remarks:					

18. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.0	Good	Yes	į		
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Client:	SMA	}	· · · · · · · · · · · · · · · · · · ·	Standard	🗆 Rusi	1		9. M.													ŗ
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Mailing	Address	2 101	San Iran Blud	Lateral	6B-i0			490)1 H								M 87	109			
			NM 87401	Project #:		- Note carry of a)5-34							-4107				
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			y e Souchermillor.com	Project Mana	ger:			(yl	ô				•								
	Package:		5		Thomas	Long	TMB's (8021)	as of	Ϋ́Ν			s)		04,SC	PCB's						
🛛 8tar		-	Level 4 (Full Validation)			/		Ű	В В			SIMS)		^{2,} PC							
Accred			r	Sampler:	THE			4 T		.1)	[-]	270		NON.	808						or N)
) (Type) _		۱	Sample Tem	perature: /	© No : C	1 L	+ Щ	GRO	1418	150	or 8	als	ő	les /		٩Ŏ				ٽ ح
Date	Time	Matrix	Sample Request ID		· ·	HEALING BOCBZC	BTEX + MTB	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / DRO / MRO)	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270	RCRA 8 Metals	Anions (F,CI,NO ₃ ,NO ₂ ,PO ₄ ,SO ₄)	8081 Pesticides / 8082	8260B (VOA)	8270 (Semi-VOA)				Air Ruhhles (Y
7-9-13	1100	Soil	5c-1	402 Jur	Cool	-001	×		x											1	F
1	1103		Sc-2	1)	-002	X		X										_	1	\uparrow
	1108		SC-3			-003	X		X											+	\vdash
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Date: 1-9-13 Date: 91.01.02	Time: 1540 Time:	Relinquishe	horry Ling	Received by: Mutin Received by:	- Walte	Date Time 9/9/13 1540 Páte Time 10.13 1000	Ren	narks	:	B;)	7	-	E	~+	eq	x;30	و '	- 1	<u> </u>	4

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

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Statistics

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State of New Mexico Energy Minerals and Natural Resources

Form C-141 Revised August 8, 2011

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

1220 5. 50. 114		a re, inivi 07503	, 	Sa	anta F	e, NM 875 °e, NM 875	05					
			Rele	ease Notific	catio	n and Co	orrective A	ctior	1			
						OPERA	ΓOR		🕅 Init	ial Report		Final Report
Name of Co	ompany: E	Enterprise Fie	eld Servio	es LLC		Contact: Th		· ·				
L	······································	Ave, Farming	gton, NM	87401			No. 505-599-22					
Facility Nat	me: LC k	Kelly #7				Facility Typ	e: Gas gatherin	ng syste	em pipelii	ne	·	·····
Surface Ow	mer: BLM	[Mineral C	Owner:	BLM			API N	0.		
				LOC		N OF REI	EASE					
Unit Letter	Section	Township	Range	Feet from the		1/South Line	Feet from the	East/V	West Line	County		
L	4	30N	12W					Dubu		San Juan		•
		Latite	ude <u>3(</u>	5.839055	•	Longitude	-108.11039	3		OILCON	S. DIV	/ DIST. 3
				NAT	URE	OF REL	EASE			DE	10	2013
		I gas and pos					Release: Unkno			Recovered:	To be	letermined
Source of Re	lease: Natu	aral gas gather	ıng pipelir	ie			our of Occurrenc	e:	Date and @ 5:00	Hour of Dis	covery	: 11/21/13
Was Immedi	ate Notice (Given?		<u> </u>			Whom? Brandor	n Powel			<u>a</u> 10:1	2 a.m.
		\boxtimes	Yes 🗌	No 🗌 Not R	equired				-	-	<u> </u>	
By Whom? 1				······································			our 11/22/13 @					
Was a Water	course Read		Yes 🗌	No		If YES, Vo	lume Impacting t	he Wate	ercourse. l	Jnknown; To	be det	ermined
				INU								
On 11-21-13 N,R-12-W. C down pipelin resulting fror	 @ 4:45pm GPS N36.83 e and applie n leak. Subs 	9055 W-108.1 ed LOTO with surface evalua	s reported 10393. Au line out o tions and 1	on the L.C. Kelly n Enterprise empl f service @ 5:15	loyee w pm and ns will	as dispatched protocol notif be made at tirr	1 a Non Jurisdict and the leak was ications made. No e of repair schedu pair activities.	verified	@ 5:00pn e environn	n. Employee nental impac	isolate t was si	d and blew istained
Third party e samples diffi- party environ	nvironment cult to retrie imental con	eve. hird part tractor will co	ittempted i y environi ntinue to c	to delineate the re mental contractor oversee excavatio	estima n/repair	tes the affected r activities and	d auger. Site lith l area to be 20 fee collect closure sa	et long t amples.	by 15 feet	wide by 5.5 f	eet dee	p. Third
regulations al public health should their c or the enviror	Il operators or the envir operations h nment. In a	are required to ronment. The ave failed to a	o report an acceptanc dequately CD accep	d/or file certain r e of a C-141 repo investigate and r	elease i ort by th emedia	notifications ar ne NMOCD ma te contamination	knowledge and u nd perform correc arked as "Final Re on that pose a thre e the operator of r	tive act eport" d eat to gi	ions for rel loes not rel ound wate	leases which lieve the ope r, surface wa	may er rator of iter, hu	ndanger Tlability man health
Signature:	ly	2. 74	ul	Ì4-			OIL CONS		0.	DIVISIO	<u>)N</u>	
Printed Name	e: Terry L.	Hurlburt				Approved by	Environmental Sp	pecialis	t. price	t V-fel	ky_	
Title: Group						Approval Dat	e: 4/4/2014		V Expiration	Date:	0	
E-mail Addre	ess:_snolan(@eprod.com				Conditions of	Approval:			Attached		
Date:	12/4/2013	Phone: 713-	381-6595									

* Attach Additional Sheets If Necessary

NJX1409453608

Oil Conservation Division 1220 South St. Francis Dr.

Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

1220 S. St. Fran	cis Dr., Santa	a Fe, NM 87505	i	Sa	anta F	Fe, NM 875	505					
Release Notification and Corrective Action												
						OPERA '	ГOR		🖂 Initia	al Report	🔲 Fi	nal Report
Name of Co	mpany: E	Interprise Fie	eld Servio	ces LLC		Contact: TI	nomas Long					
Address: 6	14 Reilly A	ve, Farming	gton, NM	87401		Telephone 1	No. 505-599-22	286				
Facility Na	ne: Later	ral C-7 Lin	e Leak			Facility Typ	e: Gas gatherir	ng syste	m pipelin	e		
Surface Ow	ner: BLM		•	Mineral C	wner	:BLM		·····	API No			
				· · · · I			ELEASE					<u></u>
Unit Letter	Section	Township	Range	Feet from the		N OF RE	Feet from the	East/W	Vest Line	County		
L	1	27N	9W					2000		San Juan		
<u> </u>		Latit	ıde <u>3</u>	6.610106	.	Longitude	e <u>-107.74052</u>	3		·		
NATURE OF RELEASE												
		l gas and pos				Volume of	Release: Unkno	wn	Volume F	Recovered: '	Fo be dete	rmined
		ral gas gather				Date and H 12/3/2013	lour of Occurrenc	be:	Date and @9:00 a.	Hour of Dis m .	covery: 12	2/3/2013
Was Immedi	ate Notice C		Yes [] No 🛛 Not R	equired	If YES, To	Whom? Brandor	n Powell,				
By Whom?	Thomas Lor						Iour 12/9/13 @, 10	0.25 a m				
Was a Water		hed?		······			olume Impacting t			nknown; Te	be deteri	mined
		\boxtimes	Yes 🗌] No								
the west side Describe Are Impacted area	of CR 7007 a Affected a a is along C	7. The suspect and Cleanup A R 7007. No r	ed cause i Action Tak	s internal corrosic en.* surface impacts.	on. Rep Third	pairs began of I	ted, depressurized December 6, 2013 nental contractor 41 will be submit	to perfor	m assessm	CVD DEC DIL CONS DIST.	: 16 '13 . DIV. 3 s, oversee	
regulations a public health should their c or the environ	l operators or the envir operations h nment. In a	are required to conment. The ave failed to a	o report an acceptanc idequately ICD accept	nd/or file certain r ce of a C-141 repo investigate and r	elease ort by the emedia	notifications a he NMOCD m ate contaminati	knowledge and u nd perform correc arked as "Final R on that pose a thr e the operator of	ctive action eport" do reat to gro	ons for rele oes not reli ound water	eases which eve the oper , surface wa	may endar ator of liat ter, human	nger Dility 1 health
Signature:	ly	124	Run	1H	-	Approved by	OIL CONS Environmental S		Ac		<u>N</u> Kilh	
Printed Name	Terry L.	Hurlburt						, 1	-pro		my	
Title: Group	Senior Vice	e President	<u>**</u>			Approval Da	te: 9/4/20/	9 1	Expiration	Date:	V	······
E-mail Addre	ess: snolan(@eprod.com				Conditions o	f Approval:			Attached		
	2/12/2013		713-381-	6595								
Attach Addi	tional Shee	ets If Necess	ary				nJK14	24-	24039	5	_	•

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-141 Revised August 8, 2011

Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

1220 S. St. Fran	ncis Dr., Sant	a Fe, NM 8750	5	Sa	anta Fe	e, NM 875	505					
	<u> </u>		Rel	ease Notifi	catior	and Co	orrective A	ctio	n			
						OPERA	TOR		🛛 Initia	al Report		Final Repo
Name of Co	ompany: E	Enterprise Fi	eld Servi	ces LLC		Contact: R	unell Seale					
Address: 6	14 Reilly A	Ave, Farmin	gton, NM	87401		Telephone 1	No.: 505-599-2	124				
Facility Nar	me: Trunk	: 6C				Facility Typ	be: Gas gatherin	ig sys	stem pipelin	e		
Surface Ow	mer: BI M			Mineral (Jwner.	BI M			API No			
Surface Ow	MCI. DEIM	L	,								_	
T	0	Turnelin	D			N OF RE			(N)/			
Unit Letter K	Section 26	Township 28N	Range 11W	Feet from the	North/	South Line	Feet from the	East	t/West Line	County		
12	20	2011								SanJ	nan	
		T -43	4	(())))		1 1107.0	7200 (D	n		San J JK 1/14	12014	
		Lati	tude_N3	0.03203I	Longitu	de_w107.9	7399 (Decimal	Degr	ees)			
				NAT	URE	OF REL	EASE					
		al gas and pos					Release: Unknow			Recovered: '		
Source of Re	lease: Natu	iral gas gather	ing pipeli	ne			lour of Occurrenc	e:		Hour of Dis	covery	10/29/13
Was Immedia	ete Matine (7:				Unknown	11/1 0		AT 7:00A	M		
was immedia	ale Nolice (] No 🖾 Not R	equired	If YES, To	o whom?					
D 11/10					equiled		T			scad not	l io:	
By Whom? Was a Watero	course Reac	hed?				Date and H	olume Impacting t	ha W				
was a water	course reac		Yes 🛛	No		II 125, VC	nume impacting t		alcicourse.	OIL CONS		
		pacted, Descr								DIST.	3	-w ^{1.1}
Describe Cau		em and Reme		n Taken.*								
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Describe Cau During a rout previously rep Describe Area Third party er contaminated action report I hereby certi- regulations al public health should their o or the environ	tine pipeline paired with a Affected a nvironmenta l soils at the summarizin fy that the i ll operators or the envir operations h ment. In a	e patrol, a post l-wrap. A ter and Cleanup A al contractor v release locati og these activi nformation gi are required to ronment. The ave failed to a ddition, NMC	sible gas le nporary sl Action Tak was dispat on. Any c ties will be ven above o report ar acceptanc adequately OCD accep	n Taken.* eak was identified cinner clamp has cen.* ched during excav contaminated soil e submitted with a is true and comp id/or file certain r ce of a C-141 repo investigate and r	vation of excavate a "final" lete to the elease no ort by the emediate	the pipeline. che pipeline. ed will be hat c-141 report. te best of my otifications ar NMOCD m contaminati	 I-wrap removed Assessment is be uled to an OCD appendix to appendix to appendix to an OCD appendix to appendix	eing c oprove nderst tive a eport" eat to	epairs are ma onducted in c ed landfarm fa and that purs ctions for rele does not reli ground water	order to delir acility. A th want to NMC eases which eve the oper	beline. heate the ird par DCD ru may en ator of ter, hui	e extents of ty corrective les and danger liability nan health
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State of New Mexico Energy Minerals and Natural Resources

> Oil Conservation Division 1220 South St. Francis Dr.

Revised August 8, 2011 Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

Form C-141

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1220 S. St. Francis Dr., Santa Fe, NM 87505 Santa Fe, NM 87505									
			Rele	ease Notific	cation and C	orrective A	ction		
					OPERA	TOR	🛛 Initi	al Report	Final Report
Name of Co	ompany: En	terprise Fie	eld Servic	es LLC	Contact: R	unell Seale			
Address: 6	14 Reilly Av	e, Farming	gton, NM	87401	Telephone	No.: 505-599-2	124		•
Facility Nat	me: Lateral	6B-15 Pipe	eline		Facility Ty	pe: Gas gatherin	ng system pipelin	e	
Surface Ow	ner: Navajo	Allotmen	t	Mineral C	Owner: Navajo		API No)	
				LOCA	ATION OF RE	LEASE			
Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County	

A 20 28N 12W San Juan JK 11/20/2013

Latitude_N36.65289____ Longitude_W108.12636 (Decimal Degrees)

NATURE OF RELEASE

INATURE IN THE	OF RELEASE	1
Type of Release: Natural gas and possible associated liquids	Volume of Release: Unknown	Volume Recovered: Unknown
Source of Release: Natural gas gathering pipeline	Date and Hour of Occurrence:	Date and Hour of Discovery: 10/18/13
Was Immediate Notice Given?	Unknown	AT 7:00AM
Yes Ves Not Required	If YES, To Whom?	
By Whom?	Date and Hour	RCVD NOV 15'13
Was a Watercourse Reached?	If YES, Volume Impacting the Wat	
Yes X No	in the transferred to the	DIST. 3
If a Watercourse was Impacted, Describe Fully.*	J	
Describe Cause of Problem and Remedial Action Taken.*		
During a routine pipeline patrol, a leak was discovered. The pipeline line	was isolated and removed from servic	e. Repairs to the pipeline were safely
made on 10/25/13.		
Describe Area Affected and Cleanup Action Taken.*		
Third party environmental contractor was dispatched to direct excavation	of contaminated soils once the pipelin	e was safely repaired. Contaminated soil is
being excavated and is being hauled to an OCD approved landfarm facility	 Further assessment is being conduction 	ted in order to determine impacts at the
location in accordance with jurisdictional agency regulations and applicab	le guidance. A third party corrective a	action report summarizing these activities
will be submitted with a "final" c-141 report.		
I hereby certify that the information given above is true and complete to the	e best of my knowledge and understa	nd that pursuant to NMOCD rules and
regulations all operators are required to report and/or file certain release no	otifications and perform corrective act	ions for releases which may endanger
public health or the environment. The acceptance of a C-141 report by the		
should their operations have failed to adequately investigate and remediate		
or the environment. In addition, NMOCD acceptance of a C-141 report de	bes not relieve the operator of response	ibility for compliance with any other
federal, state, or local laws and/or regulations.		
$(, \Lambda T H I)$	<u>OIL CONSERV</u>	ATION DIVISION
Signature: Ly L. Kull		$\wedge \ \cap \mathcal{A} \ $
	Approved by Environmental Specialis	i hast for alles
Printed Name-Terry L. Hurlburt		"prian V- Kelly
Title: Group Sr. Vice President	Approval Date: 1/26/2013	V () Expiration Date:
E-mail Address: snolan@eprod.com	Conditions of Approval:	
E-man Audress. Shotan(geprod.com		Attached
Date: 11/11/2013 Phone: 713-381-6595	·	
Attach Additional Sheets If Necessary	nT	<133305694
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		\sim \sim \sim

State of New Mexico Energy Minerals and Natural Resources

> Oil Conservation Division 1220 South St. Francis Dr.

Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

Name of Company Enterprise Field Services LLC Contact Runell Seale Address 614 Rully Ave, Farmington, MN 87401 Telephone No. 505-599-2124 Facility Name; Lateral 2B-17 Pipeline Facility Type: Gas gathering system pipeline Surface Owner: BLM Mineral Owner API No. Lob CATION OF RELEASE County San Jaan Unit Letter Section Township Range B 3 27N Row Feet from the Dest/West Line County Surface Owner: Latitude 36.60892 Longtinude 107.882305 Township San Jaan Latitude 36.60892 Longtinude 107.882305 Date and Hour of Occurrence Date and Hour of Occurrence Date and Hour of Occurrence Was Immediate Notice Given? Yes No No Required Date and Hour of Course Course Off COMPT Was a Watercourse Reached? Yes No No No Required Date and Hour RCWD 6CT 20 *13 Was a Watercourse was Impacted, Describe Fully.* If YES, Volume Impacting the Watercourse. Off COMPS, DTU. DTS 13 If a Watercourse was Impacted, Describe Fully.* If YES, Volume Impacting the watercourse. Off Company pipe to replace the section of pipe damaged	1220 S. St. Frai	ncis Dr., Sant	a Fe, NM 8750:	5	S	anta Fe	e, NM 875	05					
Name of Company Enterprise Field Services LLC Contact: Runell Seele Address 614 Relify Ave, Farmington, NM 87401 Telephone No. 505-599-2124 Facility Name; Lateral 2B-17 Pipeline Facility Type: Gas gathering system pipeline Surface Owner: BLM Mineral Owner API No. LOCATION OF RELEASE Init Letter Section Township Range 10h Letter Section Township Range Contact LocATION OF RELEASE 10h Letter Section Township Range Contact Longitude 107.882305 NATURE OF RELEASE Natural gas and possible associated liquids Volume of Occurrence Unknown Date and Hour of Occurrence Unknown Was Immediate Notice Given? Yes No Not Required By Whom? RCVP 06CT -20 *13.3 Was a Watercourse Reached? Yes No Not Required Date and Hour of Deserved Hour of Deserved Hour of Deserved Hour of the section of pipe damaged by internal corrosion. OIL CONSE, DIU. Describe Cause of Problem and Remedial Action Taken.* During a routine pipeline patrol, a teak was discovered. The pipeline line was isolated and removed from service. Repairs to the pipeline were made installing three (3) feet of new pipe to replace the section of pipe damag				Rele	ease Notifi	catior	and Co	orrective A	ction				
Address 614 Relity Ave, Farmington, NM 87401 Telephone No. 505:599:2124 Facility Name; Lateral 2B-17 Pipeline Facility Type: Gas gathering system pipeline Surface Owner: BLM Mineral Owner API No. LOC ATION OF RELEASE Intervention of the system of the syste							OPERA	FOR		🛛 Initi	al Report		Final Repo
Facility Name; Lateral 2B-17 Pipeline Facility Type: Gas gathering system pipeline Surface Owner: BLM Mineral Owner API No. LOCATION OF RELEASE County San Juan Unit Letter 3 Township Range Feet from the East/West Line County B 3 Township Range Longitude 107.882305 San Juan Latitude 36.60892 Longitude 107.882305 Nature San Juan Source of Release: Natural gas and possible associated liquids Volume of Release: Unknown Volume Recovered Unknown Source of Release: Natural Gas gathering pipeline Date and Hour of Discovery 10.8-2 Unknown Date and Hour of Discovery 10.8-2 Was Immediate Notice Giver? Yes No No Required Mress, Volume Impacting the Watercourse. DIL COMS, DIU. By Whom? Use and Hour Retup OGT 29 213 Date and Hour Diff. 3 If Yes, Volume Impacting the Watercourse. DIL COMS, DIU. By Was a Watercourse was Impacted, Describe Fally.* Date and Hour Retup Oft 29 213.9 If Watercourse was Impacted, Describe Fally.* Describe Cause of Problem and Remedial Action Taken.* During a routine pipeline patrol, a leak was disco													
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LOCATION OF RELEASE Unit Letter Section Township Range Feet from the North/South Line Feet from the East/West Line County B 3 27N 10W Feet from the North/South Line Feet from the East/West Line County B 3 27N 10W Feet from the North/South Line Feet from the East/West Line County Longitude 107.882305 Nature Nature Control Date and Hour of Occurrence Date and Hour of Discovery 10.8-2 Was Immediate Notice Given? Yes No Not Required If YES, To Whom? By Whom? Yes No Not Required If YES, To Whom? If YES, To Whom? By Whom? Yes No If YES, Volume Impacting the Watercourse. OIL CONS. DIV. DIST. 3 If a Watercourse was Impacted, Describe Fully.* If YES, Volume Impacting the Watercourse. OIL CONS. DIV. DIST. 3 Describe Cause of Problem and Remedial Action Taken.* Describe Area Affected and Cleanap Action Taken.* During a routine pipeline particle, a keak was discovered. The pipeline line was isolated and removed from service. Repairs to the pipelin	Facility Na	me; Later	al 2B-17 Pip	eline			Facility Typ	e: Gas gatherin	g system	pipeline	<u> </u>		
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B 3 27N 10W San Juan Latitude_36.60892 Longitude_107.882305 NATURE OF RELEASE Natural Gas gathering pipeline Date and Hour of Occurrence Date and Hour of Occurrence Date and Hour of Occurrence Was Immediate Notice Given? Yes No Not Required If YES, To Whom? Date and Hour of Discovery 10.8.2 Was a Watercourse Reached? Yes No Not Required If YES, To Whom? Recub OCT 28 '1.3 Was a Watercourse Reached? Yes No Not Required If YES, Volume Impacting the Watercourse. OIL CONST. DIV. DIST. 3' If a Watercourse was Impacted, Describe Fully.* Describe Cause of Problem and Remedial Action Taken.* The pipeline line was isolated and removed from service. Repairs to the pipeline were made installing three (3) feet of new pipe to replace the section of pipe damaged by internal corrosion. Describe Area Affected and Cleanup Action Taken.* Third party environmental contractor was dispatched to direct further excavation of contaminated soils once pipeline was safely repaired. Contamina soil is being exavated and is being hauled to an OCD approved landfarm facility. Portions of hole tested clean and were backfilled. There is one populate halt has not tested below cleanup standards. In mediating with NMOD and BLM it was determined that we will remo more soil to reach elsure standards. A completed and detailed third party environmental correction actions for releases which may endarger dus	Unit Letter	Section	Township	Range					East/We	est Line	County		····
NATURE OF RELEASE Type of Release: Natural gas and possible associated liquids Volume of Release Unknown Volume Recovered Unknown Source of Release: Natural Gas gathering pipeline Date and Hour of Occurrence Date and Hour of Decurrence Date and Hour Revelop 067 20°13 Was Immediate Notice Given? Yes No No Required If YES, To Whom? Revelop 067 20°13 Was a Watercourse Reached? Yes No If YES, Volume Impacting the Watercourse. DIL CDRS. DIV. DIST. 3 If a Watercourse was Impacted, Describe Fully.* Describe Cause of Problem and Remedial Action Taken.* During a routine pipeline particle, a leak was discovered. The pipeline line was isolated and removed from service. Repairs to the pipeline were made installing three (3) feet of new pipe to replace the section of pipe damaged by internal correction. Describe Area Affected and Cleanup Action Taken.* Third party environmental contractor was dispatched to direct further excavation of contaminated soils once pipeline was safely repaired. Contamination is being excavated and is being excavated and is being match. Contaminate soils being excavated and is being match. Contaminate soils being excavated and is being match. Contaminate soils being excavated and the being hauled to an OCD approve landfarm facility. Portions of hole tested clean and were backfilled. There is one poor of the hol	В	3											
NATURE OF RELEASE Type of Release: Natural gas and possible associated figuids Volume of Release Unknown Volume Recovered Unknown Source of Release: Natural Gas gathering pipeline Date and Hour of Occurrence Unknown Date and Hour of Decurrence Date and Hour of Discovery 10-8-3 Unknown Was Immediate Notice Given? Yes No Not Required If YES, To Whom? By Whon? Date and Hour RCWD OCT 20:113- UTYES, Volume Impacting the Watercourse. OIL CONS. DIV. DIST. 3 Was a Watercourse Reached? Yes No If YES, Volume Impacting the Watercourse. OIL CONS. DIV. DIST. 3 Describe Cause of Problem and Remedial Action Taken.* Describe Cause of Problem and Remedial Action Taken.* Describe Cause of Problem and Remedial Action Taken.* Describe Area Affected and Cleanup Action Taken.* Third party environmental contractor was dispatched to direct further excavation of contaminated soils once pipeline was safely repaired. Contaminated soils heing excavated and is being mach actions. Contaminated soils heing excavated and is being mach actions. Describe Area Affected and Cleanup Action Taken.* Thrid party environmental contractor was dispatched to direct further excavation of contaminated soils once pipeline was safely repaired. Contaminated soils being excavated and is being mach actions. An OCD approve landfarm facility. Portions of hole tested clean and were backfilled. There isone poo of the hole at the pipeline leak that		"I	Lati	tude 36			Longitude	107 882305	<u></u>		I		
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Signature: Image: Logical Control Contro Control Control Control Control Control Control Control	regulations a public health should their o or the enviro	ll operators or the envi operations h nment. In a	are required to ronment. The ave failed to a ddition, NMC	o report ar acceptanc adequately OCD accep	nd/or file certain i ce of a C-141 repo- investigate and r	release no ort by the remediate	otifications a NMOCD m contaminati	nd perform correct arked as "Final R on that pose a thr	ctive action eport" doe eat to grou	ns for rele es not reli und water	eases which leve the oper c, surface wa	may en rator of ater, hur	danger liability man health
Title: Sr. Vice President Approval Date: VID/2014 Expiration Date:	Signature:	ly	1 L. K	Jul	Al-	-	Approved by			TION			
				. <u></u>			Approval Da	e: 1/10/2014	Ех	pration	Date:		
E-mail Address: snolan@eprod.com Conditions of Approval:													
				712 201	6505	`					Attached	L	
Date: 10/24/2013 Phone: 713-381-6595 Attach Additional Sheets If Necessary NX1401038025 Image: Comparison of the second s					0.070	I		NTV	140103	3802	5		$\overline{\bigcirc}$

State of New Mexico Energy Minerals and Natural Resources

Form C-141 Revised August 8, 2011

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

1220 S. St. Fran	cis Dr., Santa	a Fe, NM 87505	5	Sa	inta F	e, NM 875	05					
Release Notification and Corrective Action												
						OPERA	ГOR		🛛 Initia	al Report	🗍 Fina	al Repor
Name of Co						Contact: Ru	nell Seale or Jin	n Lieb		.		
Address 614						Telephone 1	No. 505-599-21	24 or 5	05-599-2	159	i	
Facility Nan	ne: Lat 3B	-33-Trk 11/	A Dogleg			Facility Typ	e: Natural gas	gather	ing line			
Surface Ow	ner JFJ L	andfarm, LL	C	Mineral C)wner				API No			
5411400 0 11			<u> </u>	• • • • • • • • • • • • • • • • • • •								
Unit Letter	Section	Township	Range	Feet from the		N OF REI	EASE Feet from the	East	Veet Line	<u></u>		
Unit Letter	Section	Township	Kange	reet nom me			reet from the	East	West Line	County		
SE/4	2	29N	12W							San Juan,	NM	
			La	titude 36.752	2482	Longitud	le_108.66409	st u/1	1/2013			
								<u> </u>				
Type of Relea	Noturo	Cos Balanca		NAT	URE	OF REL	EASE Release: 202.98 N					
Source of Rel							lour of Occurrence			Recovered: N Hour of Dis		
Source of Ite	euse. i ipei	ine				Unknown	iour of Occurrence	с.	10-4-2013		covery	
Was Immedia	te Notice C					If YES, To	Whom?					
			Yes	No 🖾 Not Ro	equired							
By Whom?						Date and H				RCVD OC	T 18'13	
Was a Water	course Read	ched?	Yes 🛛	1 No		If YES, Vo	olume Impacting t	he Wate	ercourse.	UIL CAN	S. DIV.	
If a Watercou				-						0101		
guard rail stri on the dogleg	3 at 9:30 pr king the do supplying	n at address # ogleg tie of La pressure to ac	49 Road 3 iteral 3B-3	150, San Juan Co 3 into Trunk 11A	causin reads a	g damage to th llowing gas to	FIEI Landfarm bar le overpressure ac release to atmosp ent.	tuator a	nd 4" block	c valve on d	ogleg. A 1"	
Five Enterpri isolate, LOTO the recognize	se employe D and blow d damage t	down pipelin o the 4" block	tched to re le on latera c valve on	espond to the incid al 3B-33. The iso 3B-33. The rise	lation a rs on do	nd blow down ogleg will be e	tion of leak, notif of pipeline was e xcavated on Mono e and valve will b	xtendeo day, 10-	to include 7-2013 and	a portion of inspected f	f Trunk 11A of or any unfore	due to
regulations a public health should their o	Il operators or the envi operations h nment. In a	are required for ronment. The nave failed to addition, NMC	to report a e acceptan adequately OCD accept	nd/or file certain r ce of a C-141 repo y investigate and r	release ort by tl remedia	notifications a ne NMOCD m ite contaminat	knowledge and u nd perform correc arked as "Final R on that pose a thre e the operator of the	tive act eport" o eat to g respons	ions for rele loes not rele round water ibility for c	eases which leve the ope r, surface wa ompliance v	may endang rator of liabil ater, human h vith any othe	ger lity health
Signature:	Jon	Fly	lb			Approved by	OIL CONS Environmental S		ΛΙ	$\frac{DIVISIC}{1000}$		
Printed Name	e: Jon E. F	Fields							pre	NU-P	<u>uny</u>	
Title: Directo	or, Field En	vironmental	,			Approval Da	te: 11/7/201	3	Expiration	Date:		
	ess: jefiel 9-1/-	ds@eprod.con		: 832-501-4078		Conditions o	f Approval:			Attached		

* Attach Additional Sheets If Necessary

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Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505

						, NM 8/3						
			Rele	ease Notific	cation	and Co	orrective A	ction	l i			
						OPERA	ſOR		🛛 Initia	al Report		Final Report
		nterprise Fi				Contact Jir						
		ve, Farming	gton, NN	1 87401			No. (505) 599-2					
Facility Nar	me Later	al 5D-2				Facility Typ	e Natural Gas	Gathe	ering Pipe	line		
Surface Ow	ner Priva	te		Mineral C	Owner P	rivate			API No			
				LOCA	ATION	NOF RE	LEASE					
Unit Letter	Section	Township	Range	Feet from the		South Line	Feet from the	East/V	West Line	County		
В	15 29N 12W									San Juan		
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				NAT	URE	OF REL	EASE					
Type of Rele	ase Natura	l Gas		·······			Release Unknow		Volume F	Recovered N	one	
						Estimated	to be less than 5	50				
Source of Re	lease Natu	ral Gas Gathe	ering Pipe	line			lour of Occurrence	e	Date and	Hour of Dis	covery	
Was Immedi		<u></u>	· <u> </u>			Unknown			9/20/2013	<u>a 4:34 PN</u>	1	
was immedi	ate notice v		Yes 🔽] No 🖾 Not R	eauired	If YES, To	Whom?					
By Whom?						Date and H	lour		n		1011	
Was a Water	course Rea	ched?				If YES, Ve	olume Impacting	the Wat	ercourse.	<u>GVUUGI</u> NII COMC	וות	
		\boxtimes	Yes 🗌	No					•	DIST.	3	•
The release	is in a sma	pacted, Descr II un-named a em and Reme	rroyo on	Crouch Mesa.								
PM MST. U were observ	sing a leak ed in the li	detector, the ne, confirmin	technicia g a leak.]	n confirmed hyd	lrocarbo	ns were pre	nother technicia sent. The Latera olated, locked an	ا 5D-2 ا	pipeline wa	s shut in an	d pres	sure drops
A third part screening an	y environn Id laborato	ry analytical	ctor will i results du	nvestigate the af	activitie		iding recommen 'Final'' report a					
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Signature:		Hurlburt	eul	X	-	Approved by	OIL CON Environmental S		Δ	M.D.	<u>)</u> Kelle	r
							11/2/2007	7			(9
Title: Group	Sr. Vice Pr	esident				Approval Da	te: 11/ //dQ	5	Expiration	Date:		
E-mail Addro		<u></u>			Conditions of Approval: Attached							
Date: 10/14	4/13	Ph	one: 713-	381-6595								

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* Attach Additional Sheets If Necessary

-<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 1301 W. Grand Avenue, Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Road, Aztec, NM 87410 <u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico Energy Minerals and Natural Resources

Form C-141 Revised October 10, 2003

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Submit 2 Copies to appropriate District Office in accordance with Rule 116 on back side of form

Release Notification	on and Corrective Actio	n
	OPERATOR	🔲 Initial Report 🛛 Final Report
Name of Company Enterprise Field Services LLC	Contact Jim Lieb	
Address PO Box 4324 / Houston, TX 77210-4324	Telephone No. 505-599-2159	······
Facility Name: Trunk B Lateral Line	Facility Type: lateral line	
Surface Owner: BLM Mineral Owner	r	Lease No.
LOCATIO	ON OF RELEASE	
UnitSectionTRFeet from theNorLetterSW 3330N11W	th/South Line Feet from the East	/West Line County San Juan
	E OF RELEASE	
Type of Release: Natural Gas	Volume of Release: Gas: 593.27 mcf	Volume Recovered 0
Source of Release: Lateral line blowdown	Date and Hour of Occurrence 9/24/13	Date and Hour of Discovery 9/26/13 Jim Lieb learned the gas volume surpassed 500 mcf.
Was Immediate Notice Given?	If YES, To Whom? Brandon Powell. Advance courtes 9/9/13 and updated on 9/12/13.	sy notification by email was provided on
By Whom?	Date and Hour	RCVD OCT 7'13
Was a Watercourse Reached?	If YES, Volume Impacting the Wa	atercourse. OIL CONS. DIV. DIST. 3
If a Watercourse was Impacted, Describe Fully.* Only a gas release.		
Describe Cause of Problem and Remedial Action Taken.* This was a pl	lanned blow-down of gas to work on th	e line.
Describe Area Affected and Cleanup Action Taken.* The local area was not affected because only natural gas was released.		
I hereby certify that the information given above is true and complete to regulations all operators are required to report and/or file certain release public health or the environment. The acceptance of a C-141 report by should their operations have failed to adequately investigate and remedie or the environment. In addition, NMOCD acceptance of a C-141 report federal, state, or local laws and/or regulations.	e notifications and perform corrective a the NMOCD marked as "Final Report" iate contamination that pose a threat to t does not relieve the operator of respor	ctions for releases which may endanger does not relieve the operator of liability ground water, surface water, human health ssibility for compliance with any other
Signature: And Fields	<u>OIL CONSER</u>	VATION DIVISION
Printed Name: Jon Fields	Approved by District Supervisor:	onatt D. Kelly
Title: Director, Field Environmental	Approval Date: 10/17/2013	Expiration Date:
E-mail Address: JEFIELDS@eprod.com	Conditions of Approval:	Attached
Date: 10-2-2013 Phone: 832-501-4078 * Attach Additional Sheets If Necessary	<u> </u>	l



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