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11:43 am, May 17, 2012

Alameda County Environmental Health

Ms. Karel Detterman Alameda County Environmental Health 1131 Harbor Bay Parkway, Suite 250 Alameda, California 94502

Subject: Perjury Statement and Report Transmittal

1600 – 1630 Park Street Alameda, California 94501 AEI Project No. 298931 ACEH RO#0000008

Dear Ms. Detterman:

I declare under penalty of perjury, that the information and/or recommendations contained in the attached report for the above-referenced site are true and correct to the best of my knowledge.

If you have any questions or need additional information, please do not hesitate to call me or Mr. Peter McIntyre at AEI Consultants, (925) 746-6004.

Sincerely, -4-12

John Buestad President

JB/pm

Attachment

cc: Mr. Peter McIntyre, AEI Consultants, 2500 Camino Diablo, Walnut Creek, CA 94597



2500 Camino Diablo, Walnut Creek, CA 94597

Environmental & Engineering Services

Tel: 925.746.6000 Fax: 925.746.6099

April 9, 2012

Mr. John Buestad Foley Street Investments (FSI) 2533 Clement Avenue Alameda CA 94501

Subject: Site Update Memo 1630 Park Street, Alameda, California AEI Project No. 298931 ACEHD Case No. RO0000008

Mr. Buestad:

This summary update has been prepared to provide an overview of the site and provide data regarding the ongoing remedial action.

Remedial Investigation Summary

Since mid-2011, the following activities have been conducted to further characterize the release and evaluate cost effective and timely remedial alternatives:

- Groundwater monitoring of five monitoring wells was performed in June 2011.
- The *Interim Corrective Action Plan* (ICAP) dated September 28, 2011 and *ICAP Comment Letter Response and Pilot Test Workplan Details* dated November 14, 2011 were prepared for ACEHD, which proposed high vacuum dual phase extraction (HVDPE) pilot testing and interim corrective action. A review of multiple remedial options was discussed in these documents and a HVDPE event was considered the most feasible option for the site given the site conditions.
- In November to December 2011, extraction wells DPE-1 to DPE-3, air sparge well AS-1, and three vacuum monitoring points VP-1 to VP-3 were installed. Pilot testing and interim removal using HVDPE began on in early December and ran through early January 2012. During the 35 day event, approximately 5,348 pounds of hydrocarbons were estimated to have been removed.
- The *Investigation and Remedial Action Workplan* dated January 12, 2012 presented a preliminary summary of the pilot test and outlined an additional soil boring program to expeditiously fill several data gaps in the characterization to be following shortly thereafter by the installation of additional remediation wells. In January 2012, borings AEI-20 through AEI-28 were advanced and wells DPE-4 to DPE-6, and DPE-8 to DPE-11 were installed.

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Remedial Action 2012

In late January 2012, HVDPE equipment operated by CalClean, Inc was re-mobilized to the site and is planned to operate for up to several months. The goal of the ongoing HVDPE has been to reduce the mass of hydrocarbons in the subsurface and control further migration of petroleum hydrocarbons. The operation of the system has been managed to maximize hydrocarbon recovery rates by focusing efforts on sets of extraction wells cyclically throughout the removal action. Data is reviewed on a regular basis with the CalClean operator and weekly data summaries are provided to AEI. Following is a summary of operation results:

- Following installation of additional wells in January 2012 to cover additional areas of the release, extraction has focused on several general areas, including the western portion of the release (DPE-4, DPE-11, DPE-10), the northern down-gradient portion (these plus DPE-9), and south of the former UST area (DPE-2, DPE-5, DPE-6); though combinations of wells within these general areas have been adjusted based on recovery rates. An attempt has been made to continue extraction in each area for 5 to 10 days to allow for adequate dewatering and therefore removal of submerged hydrocarbons. In general, high recovery rates (100 to 200+ lbs/day) have been observed in these areas within a day or so of starting on a well set which steadily decrease over 5 to 10 days (see Figure 4). As rates have decreased, well sets have been adjusted to maintain higher recovery rates. Refer to Figure 1 for well locations.
- During the last week of the pilot test, extraction was performed on three source area wells DPE-1, DPE-2, and MW-2, at the end of which the cumulative recovery rate was approximately 47 lbs/day. These wells were allowed to "relax" for approximately 2 week prior to remobilization after which extraction began again on this set of wells. Recovery rates started at approximately 54 lbs/day and decreased to approximately 50 lbs/day. This suggests that significant rebound in recoverable mass was not occurring. This is particularly evident in view of the recovery rates ranging from 100 to 300+ lbs/day achieved earlier in the pilot test. See Figure 4 for a plot of recovery rates (in lbs/day or hydrocarbons) per day vs. time for various sets of wells under extraction.
- Removal rates were surprisingly low for approximately 36 hours to the south of the former UST area (DPE-5, DPE-6, and DPE-2) therefore focus was shifted north.
- Since startup in January, the highest recovery rates (though lower than those in December) have been while extracting from sets of wells at the northwestern, northern, and central part of the impacted area (sets of wells consisting of DPE-4 and DPE-8 to DPE-11). FSI requested that extraction be focused on the northern area in mid-March.
- Approximately 10,200 lbs (based on using filed Horiba meter data) to 11,220 lbs (based on laboratory analytical results) of hydrocarbons have been removed since restarting operations in late January.
- Since this reporting period (after 4/3/12), based on declining rates at the north edge of the release, focus has been around former UST area; data is reviewed continuously and will be available during next summary memo and/or report for the site.

Note on recovery rates and mass recovery totals: these values are from calculations provided in CalClean's update reports and are based on total system air flow rates and total system input hydrocarbon concentrations in the vapor phase, using both laboratory reported concentrations and field measured concentrations. Daily removal rates are calculated as the difference between cumulative mass removed over 24 hours from 12:00am to 12:00am the following day (using field measured concentrations); only those 24 hour periods over which well sets remained constant are presented in Figure 4. These figures only include vapor phase hydrocarbons removed; over 99% of the total mass removed is in the vapor phase and less than 1% in the dissolved phase. Approximately 220,000 gallons of water have been treated from late January through April 3, 2012.

The system continues to operate at the site. The February 3, 2012 Corrective Action Plan is still under review by ACEHD.

AEI will review operational data regularly while the system in operating at the site.

Key Documents

Following is a list of key documents; all have been uploaded to GeoTracker and to ACEHD. Soil and groundwater sample analytical data, a site conceptual model, and general site information is included in these documents along with additional detail on the evaluation of remedial options, results of pilot testing, and specifications on the HVDPE equipment. The reader of this summary is referred to these documents for a full history of the site and the context of this summary.

- AEI Consultants (AEI), *Interim Corrective Action Plan*, 1630 Park Street, Alameda, California. September 28, 2011.
- ASEI, *ICAP Comment Letter Response and Pilot Test Workplan Details*, 1630 Park Street, Alameda, California. November 14, 2011.
- AEI, *Investigation and Remedial Action Workplan*, 1630 Park Street, Alameda, California. January 12, 2012.
- AEI, *Corrective Action Workplan*, 1630 Park Street, Alameda, California. February 3, 2012.
- AEI, Subsurface Investigation & Well Installation Report, 1630 Park Street, Alameda, California. March 30, 2012.

I can be reached at 800/801-3224, extension 104 or at <u>pmcintyre@aeiconsultants.com</u>, if you have questions or need any additional information.

Sincerely **AEI Consultants** GEC REG, PETER J. MCINTYRE ter McIntyre OF CA

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Attachments

Figure 1: Site Plan Figure 2: Cumulative Hydrocarbons (HC) Recovered (Horiba Field Data) Figure 3: Cumulative HC Recovered (Laboratory Data) Figure 4: Daily Removal Rates Raw Field Data (through 3/23/12)











Lbs / Day: Pounds per day of hydrocarbons recovered, see text for discussion

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	Time	Unit Vacuum	Air Flowrete	TOX Temp.	Vapor Inlet Conc.	Off/On	DTW	Stinger Depth	OffOn	DTW	Stinger Depth	OffOn	DTW	Stinger Depth	OffiOn	DTW	Stinger Depth	Off/On	WTO	Stinger Depth	units	gals	
83	1.10	("Hg.)	(cfm)	(degF)	(ppmv)	(vmqq)	<u>(ft)</u>	(feet)	(ppmv)	(ft)	(feet)	(ppmv)	(ft)	(feel)	(ppmv)	(11)	(feet)	(ppmv)	(#)	(leel)	99700		1
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Е 01	Project Client:	Location BUEST	n: 1630 AD	Park s	TREET	_		City: /	ALMED	A Operat	or (s): <u>/</u>	box	Site #:	GOOD	CHEVR	OLET		Date; 🧕	251125	2012	Page A-	of
PAG											E	XTRA	СПО	N WEL	LS	ia:					1	2
			Well i.D).		DA	5-1		DPE	-2		M	N-Z									
		Screen	n interval:	From-To	(ft)					1												Cumul.
	Time	Unit	Air	TOX	W (ft) Venoz taloi	050	72	Office and	<u>8.</u>	89		8	.30					·	1		Readings	Extracted
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Project Client: 1	Location: BUESTA	: 1630 P D	PARK ST	REET		:	City: A	LMED	An An		n a la	Sîte #: I	GOOD	CHEVR	OLET		Date: 9	<u>01,71a</u>	201 <u>2</u>	Page 2 <u>4</u>	of	
									Operato	x (s): <u>1 \</u>	YTDA		I IAICI	10						1		
	1	Well I.D.			DPE	-1		DPE	-7	1001	MIL	1.7				_	— —	_				l
	Screen	Interval: I	From-To (ft)								<u> </u>								Water Mater	Cumul. Water	
Time	Initial D	epth To V	Valer DTV	V (ft)	<u>8.</u> ~	2	Slinger	8.8	9 [] []	04	8.30		01							Readings	Extracted	
	Vacuum ("Hg.)	Flowzate (cfm)	Temp. (degF)	Conc. (ppmv)	(ppmv)	(fi)	Depth (feet)	(ppinv)	(ft)	Depth (feet)	(ppmv)	(ft)	Stinger Depth (feet)	(ppmv)	(ft)	Stinger Depth (feet)	(venty)	DTW (ft)	Stinger Depth (feet)	units 55900	- gals	
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FEDEX: OFFICE

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				HK	GH VA	CUUM	И		SVE	or	X	DPE		FIEL	D DA'	TA SI	HEET	Г			CalClea	n inc.	
F	Projeci L Client: 12	ocation: IUESTA	. 1630 P. D	ARK STI	REET			City: A	lmed/	A Operáto	r (s): N	<i>ick</i>	Site #: (GOOD (CHEVR	DLET		Date: 4	21/29/12	201 <u>Z</u>	Page <u>34</u>	of	
											Ð	TRAC	TION	WEL	LS								
			Weil I.D.			DRE-	l		VPE	2		M	1-2									· Cumul.	
		Screen	Interval: F	nom-To (l	it)																Water Meter	Water	
Г	Time	Unit	epth To W Air	Ater DTV	/ (R) Vener leiet	05/06	Z BHW	Stinner	Office	57 01W	Stinger	OffiCin		Stinner	Off/On	DTW	Stinger	Officin	DTW	Stinger	Readings	Extracted	
		Vacuum	Flowrate	Temp.	Conc.			Depth			Depth	U IIUU		Depth			Depth			Depth	units	gals	
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						Torre	4				E)	KTRAC	CTION	I WEL	LS	_							_
			Well I.D.			VYE	1		DPE	-2		MW	2									Cumul.	1
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ſ	Time	Unit	Air	TOX	Vapor Inlet	Off/On	DTW	Stinger	Off/On	DTW	Stinger	Off/On	DTW	Stinger	Off/On	WTO	Stinger	Officia	TTW	Stinner	Readings	Extracted	-
		Vacuum	Flownate	Temp.	Conc.		·	Depth			Depth			Depth			Depth	GIL GI		Depth	units	gale	
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				HI	GH VA	CUU	M		SVE	or	X	DPE		FIEL	D DA	TÁS	HEET	Γ			CalClea	in Inc.
P C	roject i lient: l	location: BUESTA	: 1630 P D	ARK ST	REET			City: A	LMED	A Onerato	r tor K	FUR	Site 🗱 🛛	GOOD	CHEVR	ÖLET	· . ·	Date: 2	202	201 <u>Z</u>	Page 54	of
								· · · · · · ·		oporeto	E	XTRA	TION	WEL	LS	8						
		Screen	Weli I.D. Interval: f	-rom-To (i	R)	UPE-	4		UPE-	<u>ID</u>		VPE-	[]	·								Cumul.
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	Time	Unit Vacuum ("Ho.)	Air Flowrate (cfm)	TOX Temp. (decE)	Vapor Inlet Conc.	Off/On	BT₩	Stinger Depth	Off/On	DTW	Stinger Depth	Off/On	DTW	Stinger Depth	OffilOn	WTO	Stinger Depth	OfflOn	DTW	Stinger Depth	units	gals.
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A. Mark

				ню	SH V/		м [SVE	от [x	DPE		FIELC	DA1	ra sh	EET				CAL) (714	CLEAN IN 1734-9197	VC.
83	Projeci Lo	cation: 16	30 PAF	RK STREI	ET			City: AL	Meda		e br	. V	Site #: 0	SOOD C	HEVRO	OLET		Date: <u>O/</u>	<u>116 </u> 20	1 <u>2</u>	Page	18 of _	—
Щ	Client: BL	ESTAD			_					Operator (s): <u>N V</u>							·					
Ч										. (OBSE	RVATE	ON W	ELLS							-		{
	WELL	ML-	1	MW	3	THE.	3	14-1		VY-C		VIO											
	SCREEN	- 01	,	0 VI		70	5					·											
	DTW (ft) Time	Vacuum	DTW	Vacuum	DTW	Vacuum	DTW	Vacuum	DTW	Vacuum	DTW	Vacuum	DTW	Vacuum	DTW	Vacuam	DTW (fft)	Vacuum "H ₋ O	DTW (ft)	Vacuum "H ₂ O	DTW (ft)	Vacuum "H ₂ O	DTW (ft)
		"H ₂ O	(fl)	"H ₂ O	(ft)	"H ₂ O	(ft)	"H ₂ O i	(ft)	"H ₂ O	(iri)	1 <u>12</u> U	- (u)	120	fuel.	1.520			C -1				
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				HIG	SH V/	ACUU	м [SVE	or	X	DPE		FIELC) DA	TA SH	EET				CAL	CLEAN II	√G.
n D	Project Lo	cation: 16	30 PAF	RK STRE	ÉT			City: AL	MEDA		.1.	\$	ille #: (SOOD Ç	HEVRO	OLET		Date: <u>61</u>	<u>127</u> 120	n <u>2</u>	Paga	<u>2B</u> of _	
щ	Client: Bl	UESTAD								Operator (<u>s): NI</u>	UL								_			
Å i											OBSE	RVATI	ON W	ELLS			_						
	WELL	MIN-	1	Mhl-	3	DPE	3	VP-1		VP-2		VP-3	7									· · · ·	
	SCREEN									<u></u>													
	DTW (ft)	Management	DOBM	Macuum	DITW	Vacuum	DTW	Vacuum	DTW	Vacuum	DTW	Vacuum	DTW	Vaouum	DTW	Vacuum	DTW	Vacuum	DTW	Vacuum	DTW	Vacuum	DTW
		'H₂O	(ft)	"H ₂ O	(ft)	"H ₂ O	(ft)	"H ₂ O	(ft)	'nH₂O	(fi)	"H ₂ O	(ft)	°H≱O	(ft)	"HyO	(ft)	-H-O	(ft)	°H ₂ O	(ft)	TH ₂ O	(11.)
ņ	0127		•													-							
ឆ្	7.000	0.35		0.05		0,45	8.41	1.20		1.20		0.50							ļ				
	0128														ļ							<u> </u>	
5	0001	6.40	ŀ	0.05		0.45	8,69	1,10		1.25		0,50											
5	0800	0.40		0.05		0.50	8,63	1.10		1.30		0.50					<u> </u>		 	 			
Ψ,	1200	0.40		0.05		0.50	8.74	1.10		1.30		0,50					<u> </u>		 		<u> </u>		
ц Г	1600	0,40		0.05		0.50	8.88	1.10		1.30		0.50				<u> </u>					<u> </u>		
	2000	0.40		0,10		0.50	8.98	1.00		1.35	1	0.55				<u> </u>	_					╏╴╼╸	├ ──
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	0800	0.45		0,10		0.55	9.29	0,90		1.45		0.55			<u> </u>		-	<u> </u>	┣			┨━━	
	1200	045		0.05		0.55	9,38	0.85		1.45		0,55	<u> </u>	_		_	<u> </u>				<u> </u>		
 	1600	0.45		0.10		0.55	19.51	0.30		1.50		0,55	ļ	<u> </u>	ļ	_	+		┥	╂──			╆╾╌
ת ו ת	200	0,45	·	0,10		0.55	9.62	0.85		1.50		0.55						<u> </u>					
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	0001	0.40		0.05		0.60	3.6	0.80		1.55		0.60	<u> </u>		·		+						–
	030	0.45		0:10		0,60	9.75	0.75		1.55		0.60	ļ				+		+	·			
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			9	HIC	ŝH V.	ACUU	M		SVE	or	X	DPE		FIELI	D DA'	TA SH	EET				CAL (71)	CLEAN /	VC.
	Project Lo	ocation: 1	630 PA	RK STRE	ET			City: AL	.MEOA	L	. 1	e e 14	Site #: {	GOOD (HEVR	OLET		Date: <u>0</u>	<u> 1 }1</u> 20	11 <u>7</u>	Pag	B B of	
	Client: B	UESTAD								Operator	(s): <u> </u>	106											
			1 4				- 1				OBSE	RVAT	ION W	ELLS									
	WELL	Mh	1-1	MW-	3	TPE-	3	VP-1		VP-2	·	VP-3)			·			4				
	SCREEN	 								·													
	Time	Vacuum	DTW	Vacuum	DTW	Vacuum	DTW	Vacuum	WTC	Vacuum	DTW	Vacuum	DTW	Vacuum	DTW	Vacuum	DTW	Vacuum	DTW	Vacsum	DTW	Vacuum	DTW
		"Hyo	(R)	"H ₂ O	(IIL)	"H ₂ O	(tt)	"H ₂ O	(n)	rH₂O :	(11)	"H ₂ O	(ar)	"H ₂ U	(11)	Чų	(11)	"H ₂ O	(at)	"H ₂ O	(17)	'H2O	(m)
	01 31		ſ													:							
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	0800	0.45		0,10		0,65	7.99	0,70		1.60		0,65											
	1200	0.45	+	0.05		0,60	10.02	0.75		1.60		0.65											
	1600	0.40		0.05		0.65	10.07	0.15		1.65		Chiefs											
	2000	0.40		0.10		0.65	10,09	0.75		1.65		0.65											
	02 01								۰ ۱														
	0001	0.45		0.05		0.66	1013	0.75		1.40		0.65											
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	1200	0.45		0.10		0.leD	10.18	0.70		1.125	<u>}</u>	0.60				<u> </u>						<u> </u>	
	1600	0.45		0,10		0.10	10,20	0,70		hles		OleD											· ·
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	02/02										<u> </u>				<u> </u>								
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	0800	0.45	1	0.0		OileO	10.22	0.70		Les		0.60											·
	0900	0.35		0,15	[0,60	993	0.60		1.25	1	0.25											
	1000	0,20		0,25		0.30	9.51	0,40		1.35	·	0.05											
	1100	0.15		0.36		0.10	9.42	0,35	\mathbf{D}	1,00		0,00						Ŀ	<u> </u>				
	1200	0.05		0.45	<u> </u>	0,10	9.31	0.55		0.85		0.00			ŀ								
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HIGH VACUUM

SVE or X DPE

FIELD DATA CHEET

CalClean

Projact Location: 1630 PARK STREET City: ALMEDA Site * GOOD CHEVROL : Date. 03,03,02,01 2 Page 54 of Date. Operator (s): NTCK

			-				<u>.</u>			E	XTRA	CTION	WEL	LS							8
	·	Well].D.			VPE-	4	•	UP5	D		UPE-	-il				-					Curraul
	Screen Initial D	Interval: epth To V	From-To (Valer DTV	<u>ft)</u> V (ft)	10.11	116.	87	9.5	11/10	59	10.47	11	79							Water Meter	Watar
Time	Unit Vacuum	Air Flowrate	ТОХ Тетар.	Vapor Inlet Conc.	Off/On	ĐTW	Stinger Dapth	Off/On	DTW	Stinger Depth	OffiOn	DTW	Stinger Depth	OffiOn	DTW	Stinger Depth	OffiOn	DTW	Stinger Depth	units	Extracted gate
- La	('Hg.)	(ciin)	(degF)	(ppmv)	(ppmv)	· (ft)	(feet)	(ppmv)	(ft)	(feet)	(ppmv)	(îl)	(feei)	(ppmv)	(ft)	(feet)	(apmv)	(ft)	(feet)	65900	_
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7 <u>830</u>	24	27	1452		3520																
0900	24	-18	1449		4260	·															
					OFF						01-1		17'								
0905	24	<u>26</u>	1440								1613										
2934	24	29	1452								2610										
005	24	24	1457								3090										
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DID	24	23	141e1					7240													
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lio	24	27	1471					12010												 	
					ON		IL.				ant		171			┼───	'				<u> </u>
115	24	81	1474	7940		4	71		15	19		0	25				}				
145	24	87	1469	8210		4	77		15	7.2	<u> </u>	In						<u> </u>			
215	24	82	1468	8430		<u>u</u>	710		6	10		10	27								
600	24	81	1451	7410	4370	Ц	73	1-1.840	15	10	2160	10 VD	40					<u> </u>	<u> </u>		
1000	24	64	HI I	1170	1670		-7.	2010		61	(075	10	110			<u> </u>		· · ·	4		
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		alas	<u> </u>					لينيا				-				<u> </u>					
iomme	nts: 0	101-	100	LVATO	267A1	MPLE	<u>6 46</u>	Fou	our	<u>, - V</u>	E-46	209	00,1	IPE-1	@	005.	VPE-	IDe	llo	TOTAL IN	40
1718	10	in I	Niet	@160	<u>Q. </u>								-								

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HIGH VACUUM --

SVE or

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DPE FIELD DATAS LEET

CalClean Page 6 H of

Project 1	ocation:	1630 P	ARK ST	REET	3	12	City: A	LMED,	Α.,	×	8	Site #	GOOD	CHEVR	OLET	ی در در این اور اور ۲۰ میردد. در ا	Data 4	131	201 2	Page 6 A	
Client: 1	BLIESTA	Ð				2			Opurato	r (s)	BERI	AR	DO			- 19 1 - 19 - 19 1 - 19					-
				6						E	KTRA	CTION	I WEL	LS					• 5		· •
2		Weil I.D.			VF	E-I	Ц	VP	'E-1	D	V	- 40	11								Cumul
	Screen	Interval:	From-To (ft)							×									Water Mater	Weter
, 	Initial D	apth To V	Valer DTV	V (ft)	0.1	21	.87	9.5	7/1	5.59	10.4	3/17	1.79							Readings	Extracted
Time	Unit Vacuumi	Air Flowrate	TOX Temp	Vapor inlet Conc.	Off/Qn	DTW	Stinger Depth	Off/On	DTW	Stinger Deoth	Off/On	DTW	Stinger Deplin	OffiOn	DTW	Stinger	Off/On	DTW	Stinger	1 miles	- nete
	("Hg.)	(cfim)	(degF)	(ppmv)	(ppmv)	(ft)	(feet)	(ppmv)	(ft)	(feét)	(ppmv)	(ft)	(feet)	(ppmv)	(ft)	(feet)	(vmqq)	(A)	i (feelt)	55900	gere
2/03					NO		16'	NO		15.51	ON		11					. 7			
0001	24	\$5	1451	6100	4970	3	87	9090	14	28	4150	9	48								<i>.</i>
0800	24	8	1446	5946	5000	3	81	100	14	29	3960	9	45							68790	12890
1200	23	10	1447	6630	5460	3	83	13120	ĹΫ	30	4150	9	46					÷			
1600	23	91	1436	6410	4850	3	86	128Æ	14	28	4985	q	45						1		
2000	23	92	1451	35 70	5130	3	87	2140	13	35	5540	9	47							70150	14250
2/04																					
000	23	95	1447	5920	32 BC	3	84	1650	13	39	5610	8	50								
0800	2.3	90	1450	5580	\$300	3	81	12390	13	38	5320	- B	52							71380	154 90
1200	23	94	1442	5430	5140	3	84	1170	13	36	4980	B	55		·						
1600	23	96	1456	5170	5060	3	80	2010	13	34	4920	8	56								
2000	23	90	1447	4990	5220	3	83	11840	13	37	4760	8	55		1					72560	16660
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2/05																					
0001	23	95	1449	4860	5010	3	86	11420	13	37	4360	g	58							1	
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1200	23	94	1451	4950	4820	3	86	11030	13	36	4720	8 .	54							L'ALGIE	
1600	23	93	1445	4830	4500	3	84	10930	13	39	4060	8	52	•					t		
2000	23	96	1449	4570	4370	3	83	10560	13	38	4180	8	54						<u> </u>	14910	18970
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Comme	nts:			<u> </u>																	<u> </u>

FIELD DATA SHEET

Project Location: 1630 PARK STREET

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Chy: ALMEDA

Operator (s):

Sile #: GOOD CHEVROLET

Page 7A of Data Z 10612012

CalClean Inc.

Client: BUESTAD

<u>6</u>				× 4,						E)	TRAC	TION	WEL	LS			-				
		Well I.D.			VP	E-L		VP	E -	10	V)	11								Cumul.
	Screen	Interval: F	Tom-To (()					- 34						77					Water Meter	Water
	initia) De	epth To V	Vater DTV	/ (îl)	10.1	1/16	.87	9.5	7/16		10.4	371	7.79							Readings	Extracted
Time	Unit Vacuum	Air Flownate	TOX Temp.	Vapor Inlet Conc.	Off/On	DTW	Stinger Depth	OffOn	DTW	Stinger Depth	Off/On	DTW	Stinger Depth	Off/On	DTW	Stinger Depth	Off/On	DTW	Stinger Deptin	units	gais
	("Hg.)	(cfin)	(degF)	(ppmv)	(ppmv)	(ft)	(feet)	(ppmv)	(ft)	(feel)	(ppmv)	(ft)	(feet)	(ppmv)	(ft)	(feet)	(ppmy)	(8)	(feet)	55900	
2/06					0 N		16'	ON		15.5	ON.		17								
0001	22.	102	1469	4360	3970	2	88	10480	13	36	4270	8	53								· · · ·
0900	22	105	1460	4180	4150	2	90	10520	12	42	4140	8	55							15900	20000
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HIGH VACUUM

SVE or

City: ALMEDA

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FIELD DATA SHEE DPE

Site #: GOOD CHEVROLET

CALCLEAN INC. (714) 734-9137 Page 30 of

Date: 01/ 31/ 201 2

			1. 11		
Project	Location:	1630	PARK	STRE	T
Client:	BUESTAL	>			

Project Lo Client: Bl	cetion: 16 JESTAD	30 PAF	RK STRE	ET			City: AL	MEDA	Operator (<u>- M</u>	CH	Site #: (300D Ç	HEVR	DLET		Date: <u>U</u>	<u>17 / 20</u>	и <u>-</u> Ент 8	Page	of	
										OBSE	RVATI	ON W	ELLS									
WELL	MW	-1	Mh-	3	DPE-	3	VP-1		VP-2		VP-3											
SCREEN DTW (R)									<u>.</u>													
Time	Vacuum "H ₂ O	OTW (ft)	Vacuum "H₂O	DTW (ft)	Vacuum "H ₂ O	DTW (ft)	Vacuum [≠] "H₂O	DTW (ît)	Vacuum "H ₂ O	DTW (ft)	Vacuum "H ₂ O	WTC (ft)	Vacuum 'H ₂ O	DTW (n)	Vacuum "H ₂ O	DTW (ft)	Vacuum "H ₂ O	DTV! (ît)	Vacuum "H₂O	0TW (ft)	Vacuum *H ₂ O	DTW (ft)
01 31												,										
1000	0.40		6.10		0,60	9,93	0.75		1.60		0,60											
0800	0.45		0,10		0.65	9.99	0,70		1.40		0,105						L		ļ			
1200	0,45-	-	0.05	[0.60	10.02	0,75	,	1.40		0,65							ļ	<u> </u>		ļ'	
1600	0.40		0.05		0.65	10.07	0.15		1.45		Orlefi			\mathbf{h}		ļ					 	┞
2000	0.40		0.10		0.65	10.09	0.75		1.65		0.65					<u> </u>	Ļ	Ļ	 	ļ		┼━━-
02/01															<u> </u>	<u> </u>		<u> </u>		 	 	
0001	0.45		0,05		0,65	10.13	0.75		1.40		0.65			 	_	ļ	_		<u> </u>		 	╂───
080	0,45		0.10		0,40	10,17	0,70		1.60		0.45			<u> </u>	<u> </u>	 	<u> </u>	<u> </u>		<u> </u>	<u> </u>	<u></u>
1200	0.45		0,10		().leD	10.18	010		1.125	ľ.	0.60		<u> </u>		<u> </u>		<u> </u>	<u> </u>		 	<u> </u>	╀──
1600	0.46		0,10		0.60	10,20	0.70		lites		OLD				<u> </u>	<u> </u>	 	ļ	<u> </u>	 		
2000	0.45	· ·	0.10		OplaD	10.71	0.70		1.125		0.60	<u> </u>			_	ļ	·		\rightarrow	 		
02/02												ļ	<u> </u>	_	ļ	<u> </u>			┨───	–	-	┢───
0001	0.40		0.10		0.60	10.20	0,70		1.620		0.65	 	<u> </u>	┣		<u> </u>		<u> </u>				_
0800	0,45		0.0		0.60	10.22	0.70		1.125		0.100	<u> </u>	_		<u> </u>	_	<u> </u>	<u> </u>		┼		
0900	0.35		0.15		0,50	9,93	0.60		1.25		0.25			1	1	<u> </u>	_	<u> </u>				<u> </u>
1000	0,20		0.25		0.30	9.51	0.40		1.35		0.05		<u> </u>	<u> </u>			<u> </u>	<u> </u>		<u> </u>		-
1150	0,15		0.35		0.10	9.42	0,35	\mathbf{D}_{-}	1.00		0,00					<u> </u>				\sum		
1200	0.05		0.45		0,10	9.31	0.35	<u> </u>	0.85		200	<u> </u>		<u> </u>					_		<u> </u>	-
1600	0.00		OHS		010	9.13	0.30		0.75		0.00	<u> </u>		<u> </u>				4_			_	—
2000	0.00		0.45		0,00	19.11	0.30		1.40		0.00	<u>//</u>									1	
Comme	ants:																			_ ,		

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ect Lo	alion: 16	30 PAF	K STREE	Ť.	-		City: AL	MEDA		1948 - S.	18	Sile #: (BOOD C	HEVRO	DLET		L'ate-4	20 [کر ا	14	Page	4 <u>5</u> Di	
nt: 8U	ESTAD			<u></u>				·	Operator (s)												
								,		DBSE	RVATI	ON W	ELLS		·			-				
u	MW-	}	MW	- 3	DPE	-3	NP-	1	VP-	2	<u>VP</u>	-3	. 							{		
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W (ft) Tone	Vacuum "H ₂ O	DTW (R)	Vacuum "H ₂ O	DTW (ii)	Vacuum I "H ₂ O	DTW (ft)	Vacuum "H ₂ O	DTW (R)	Vacuum "H _z O	DTW (fil)	Vacuum H ₂ O	DTW (ft)	Vacuum "H₂O	DTW (ft)	Vacuum "H ₂ O	DTW (fil)	Vacuum "H ₂ O	DTW (fl)	Vacuum 'H ₂ O	DTW (ft)	Vacuum "H ₂ O	(ft)
63										·												
001	0.00		042		0.00	9.12	0.6		1-51		0.00							<u> </u>		†	1	
800	0.60		0.50		0.00	19.12	0.49		11-43		0.00						┠────		}		1	
00	0.00		0.54		0.00	9.13	0.33		1,45		0.00					 	1			1		
600	0.00		0.62		0.00	19.14	0.30				0.05							1	1	·		
000	0.00	ļ	0.60		0.00	9.15	0.25	┢───	1.43		10.09	{		+				1		1		
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00	0.00		0.55	┣──	0.00	19.16	,0.2				6.0/		1		-	1	1					
800	0.00		0.15	4	0.00	214,14	0.30		1(+7) h 11h		0.00					1	1					
<u>20°</u>	0.00	<u>' </u>	0.15		0.00	19.29	10.90				10.0		-				-					
600	0.00		6.15		0.00	ואיפוי	010-36		1.50		0.00			+	1							
000	0.00		10.70	1	0.00	19.5	10.34		14 412			╘╉╶╾╼	-		1	1						
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Rna	D OF	,†	0.70		0.00	9.9	3 0.3	7	1.58		0.11											
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HIGH	VAC	UUM	
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FIELD DATA SHEET

int: Bi	JESTAD								Operator (<u>(S)</u>												
									· •	OBSE	RVAT	ON W	ELLS									
ELL	MW	-1	MW	-3	OPE	-3	VP	-1	VP.	-2	VP-	3							· ·			
CREEN									4.		· ·					-						
TW (ft) Time	Vacuum	DTW	Vacuum	DTW	Vacuum	DTW	Vacuum	DTW	Vacuum	DTW	Vacuum	DTW	Vacuum	DTW	Vacuum	DTW	Vacuum	DTW	Vacuum	DTW	Vacuum	DTW (#)
	"H₂O	(ft)	'H₂O	(ft)	"H ₂ O	(ft)	"H₂O	(ft)	°H₂O	(ft)	14₂0	(ft)	'H ₂ O	(n)	"H ₂ O	(iii)	H ₂ U	(iii)	n ₂ 0	. fut	120	1147
106		-			1	·									•							
001	0.00		0.80		6.00	10.12	0.38	3	1.50		0.0											
1800	0.00		0.75		0.00	10.15	0.30		1.62		0.08					<u> </u>		1	·		<u> </u>	
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FEDEX: OFFICE 2099

PAGE 06/06

Comments:

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HIGH VACUUM

FIELD DATA SHEE

Client: BUESTAD

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1. S. S.			· · · · · ·					· · · · ·		E	CTRAC	CTION	IWEL	LS	4 - C						
		Well I.D.			VP	E-4	-7 .	VP	E-	10	V	?E-	11			×					Cumul.
3 A -	Screen I	ntervak P	iom-To (f	0				B4.	÷.								- 1. A.			Water Meter	Water
1999 - 1999 -	Initial De	pth To W	ater DTW	(ft)	10.1	16	87	9.5	7716	.59	10.4	3/1	7.79							Readings	Extracted
Time	Unit Vacuum	Alr Flowraia	TOX Temp.	Vapor Inlet Conc.	Off/On	DTW	Stinger Depth	Off/On	DTW	Stinger Depth	Off/On	DTW	Stinger Depth	OffiOn	DTW	Stinger Depth	Off/On	DTW	Slinger Deplin	units	gais
·	("Hg.)	(cfm)	(degF)	(ppmv)	(ppmv)	(fi)	(feet)	(ppmv)	(ft)	(feet)	(ppmv)	(ft)	(feet)	(ppmv)	(ft)	(feel)	(ppmv)	(ft)	(fest)	5590n	
2/06					0 N		16'	ON		15.5	ON		17								
1000	22.	102	1469	4360	3970	2	88	164 <u>8</u> 0	13	36	4270	8	<u>\$3</u>								
0800	22	105	1460	4180	4150	2	90	10520	12	42	Чно	8	SS			7				15900	20000
1200	22	107	451	4070	1020	2	Ø2	10236	12	45	4060	8	58								
1600	.22	105	1448	3980	3870	2	91	10050	12	40	3930	8	54	\square							
2000	22	102	1452	4010	4050	2	93	10692	12	39	2980	8	52							77030	21130
															1.						
2/07							·			N											
OBOL	22	105	1439	3950	3916	2	90	10420	12	39	3980	9	54								
0806	22	104	1446	3890	3960	2	93	10150	12	41	4000	8	5							78640	22140
1200	22	107	1453	2920	3930	2	92	10030	12	Цo	4020	8	52					· ·			
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0800	72	103	1447	3780	3560	2	90	9850	12	45	3640	8	54					· -		80170	24270
1200	22	107	1452	3530	3240	2	93	9770	12	40	3480	R	- 4								
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Comm	ents:7	-08	-12	TOT	AL I	NLET	0	030	(34)	90 PI	PANY).	•					P	<u> </u>	E	L	L

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09:15 510-769-9447

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FEDEX OFFICE 0462

				HIC	GH VA	CUUN	A [SVE	or	X	DPE		FIEL	D DA'	FA S	HEET				CalClea	n Inc.	
d d	Project i. Client: E	ocation: Illestal	: 1630 P D	ARK STI	REET			City: A	LMEDA	Operato	(s): N	w.	Site#: (7(300D (167-	CHEVRO	OLET		Date: 2	10912	101 <u>7.</u>	Page <u>BA</u>	of	
Ч Ч Ч							· -				E)	TRAC	TION	WEL	LS	~							
1		1	Weil I.D.			VRE	-4		VRE	-10		VPE	-11	E								Cumul.	
		Screen	Interval: I	-rom-To (t	R)		1	242	0 4		6	La UT	1	, ia							Water Meter	Weter	
	Time	Initial D Unit	epth To V Ahr	TOX	V (ft) Vapor Inlet	10, 11 Off/On	//0.2 etw	Stinger	7167 Off/On	776.7 DTW	7 Stinger	Off/On	DTW	Stinger	Off/On	OTW	Stinger	Off/On	DTW	Stinger	resounds	Extracted	
		Vacuum	Flowrate	Temp.	Conc.	(married)	(85	Depth (feet)	(mama)	(B)	Depth (feef)	formvi	(8)	Cepth (feet)	(vnnv)	(#)	Uspin (feet)	(vmqa)	(ffi)	Cieet)	55900	gans	
N	07/09	("Hg.)	((cant)	(aegr)	(ppmv)	(ppinv)	(11)	110	and a	(11)	16.6	DN	Tarl	171	(Jobanne 1	(eq.	(
4	noot	2.1	100	1450	3510	3510	7	90	9740	12	39	39770	8	52		· .					82470	26570	2300
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H	12.00	22	1703	1451	3680	3590	2	92	2690	12	39	4110	8	51									
	1600	7.2	107	1456	3430	3520	2	94	9640	12	40	4080	8	55		K							1
Š.	2000	22	104	1454	3290	3260	2	91	9650	12	42	4040	8	53	\mathbf{K}						83850	27930	elett
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	1400	22	104	1451	3170	3070	2	92	9310	12	43	3990	0	52		╂───		-			105010	10010	- 080
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-26	0001	20	131	1451	3110	1810	12	93	18.140	12	92	2112		1.2							87.040	21140	1,70
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	Screen	Interval: F	rom-To (f	t)						-0		1.5	-0							Water Meter	Water	
Time	Initial De	epth To W	Ater DTW	l (ft) Vecestelet	10.11 06/0m	116	Slinger	4.57 Office	יושון /	5 °(Sitnaer	10,41 Off(On	2 [DTW	Stinner.	10.7H	DTW	2 Stinger	Off/Op	DTW	Sincer	Readings	Extracted	
	Vacuum	Flownate	Temp.	Conc.	Ouron	U.M.	Depth			Depth	O II O II		Depth	Chirdat		Depth		Ditt	Depth	units	gals	
	('Hg.)	(cfm)	(degF)	(ppmv)	(vmqq)	(ît)	(feet)	(ppmv)	(ft)	(feet)	(ppmv)	(ft)	(feet)	(ppmv)	(ft)	(feet)	(ppmv)	(ft)	(feet)	55900		
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0.800	20	-132	1453	3070	2040	2	197	7010	12	43	3940	6	105	<u> </u>						89030	33170	149
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HIGH VACUUM SVE or X .

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DPE . FIELD DATA SHEE

SINE # GOOD CHEVROLET City: ALMEDA Project Location: 1630 PARK STREET Operator (s): Client: BUESTAD

WELL MW-1 MW-3 DPE-3 VP-1 VP-2 VP-3 SCREEN Tme Vecuum DTW Vacuum <th></th>	
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WELL	MW-	1	MIN-	3_	DPE-	5	VP-1		VP-7	2	VP.3											
SCREEN										_												
DTW (R) Time	Vacuum "H ₂ O	DTW (ft)	Vacuum "H₂O	DTW (ft)	Vacuum "H ₂ O	DTW (ft)	Vecuum "H ₂ O	DTW (ft)	Vacuum "H ₂ O	DTW (ft)	Vacuum "H _z O	DTW (ft)	Vacurum "H ₂ O	DTW (N)	Vacuum "H ₂ O	DTW (ft)	Vacuum. "H ₂ O	DTW (fi)	Vacuum "H ₂ O	DTW (ft)	Vacuum °H ₂ O	DTW (fi)
02 109		•																				
0001	0.00		0.75		0.00	10.17	0.35		1.57		0,08											
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1200	0,00-	-	0.80		0,00	10.21	0.34		<u>1.58</u>		0,07						 		 			
1600	0.00		0,83		0.00	10.20	0.33		1.61		0.05	<u> </u>							<u> </u>	 		ļ
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0800	0,00		0.84		0,00	10,22	0.34		1.57		0.09			_	!	ļ		1		-		╂
1200	0.00		0.82		0.00	10.21	0.32		1.59	·	2.07		<u> </u>	ļ	<u> </u>	ļ	 	 	_			
1400	0.00		0.81		0.00	10.20	0.35		1.52		0.09		<u> </u>		_			 				
2000	0.00		0.84		0.00	10.22	0.31		1.54		0.10	<u> </u>	_	·		 		ļ	1 1		1	+
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1200	0.00		0.85		0.06	1025	0.35		1.56		0.05	1					╋───					╇┯╴
1600	0.00		0.84		0.00	10.24	0.33		1.53		0.03					+			╂───			
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WELL	MINT		MW	3	DPE-	3	VP-1		VP-2		VP-3		•									
SCREEN											,											
OTW (ft)				In the later		1017041	1 for our state i	DTM	Manun		Masurum	DOM	Vacuum	DITW	Vecuum	DTW	Vacuum	DTW	Vacuum	DTW	Vacuum	וס
	Vacuum ™H₂O	(ft)	Vacuum "H₂O	(ft)	"H ₂ O	(ft)	"H ₂ O	(fi)	™H₂O	(ft)	"H ₂ O	(ft)	"H ₂ O	(fi)	"H ₂ O	(fi)	TH ₂ O	(ft)	°₩ĮO	(fit)	"H ₂ O	0
02/12																						
100001	0.00		0.81		0.00	10,76	0.31		1.57		0.05							<u> </u>	<u> </u>			_
OPED	0.00		0.83		0,00	10.29	0.35		1.55	·	0.08						•	<u> </u>				_
17.00	0.00	-	0.85		0.00	10.28	0.39		1.58		0.10							ļ 		 		
1100	0.05		0.94		0.00	10.25	0.36		1.53		0.69											
1000	0.00		0.87		0.00	10.21	0,38		1.54		0.07											
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these l	0.07		0.36		0.00	10,29	0.33		1.51		0.06											
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Щ 01	Project Client:	EUEST/	: 1630 \D	PARK S1	IREET			City: /	ALMED	A Operati	or (6): /	ber	Sile #:	6001 67-	CHEVR	ROLET		Date:	1 <u>15</u>	201 <u>2</u>	Page 04		
PA(E	XTRA	CTIO	N WEI	.L\$					a-	1		
			Well I.D						VPE	-10		VPE	-11		VPE	-9							1
		Screen Initial D	interval: colh To 1	From-To ((ft)																	Cumul.	a
	Time	Unit	Air	TOX	Vapor Inlet	Off/On	BTW	Stinger	9.5°	1 / 16	59	10.47	2/17	79	10.24	177	13				Readings	Extracted	×
		Vacuum	Flownets	Temp.	Conc.			Depth			Depth	Omon	DIW	Stinger Depth	Off/On	DTW	Stinger Denth	Off/On	DTW	Stinger			1
N	116	(19.)	(टागा)	(degF)	(ppmv)	(ppmv)	(R)	(feet)	(ppmv)	(ft)	(feet)	(ppmv)	(ft)	(feet)	(ρρπιν)	(ft)	(feet)	(ppmv)	(fit)	(feat)	64900	gals	
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<u>،</u>	10001	100	100	1496	10130				6020	12	43	3670	5	74	10520	5	73						
щ	10000	144	107	457	6070				5940	12	45	3510	5	77	10310	6	71				95130	39230	1940
Ц	11.00	77	104	1451	60/0				581D	12	43	3610	5	73	10240	5	7(e					9 14 7 0	
Ъ 	2000	10	108	1492	6140				5670	12	47	3610	5	n	10320	6	77						
ġ.	- Cart	10	109	1491	2030				4510	12	42	3740	5	78	10260	5	75				96140	umaa	10-10
		——																				000010	1 · · ·
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	alco	10	105	14.78	57 10				6470	12	46	3890	5	74	10370	5	73	_					
	1700	72	106	1150	2840				5320	12	45	3770	6	77	10210	5	71				97040	huun	1,010
	Hell	77	102	451	5740				<u>6190</u>	12	43	3630	5	15	1 <u>01</u> 70	5	72					di tetta	
	2000	71	107	14.57	5420				5010	12	46	BURO	5	13	10030	5	17						· .
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۲ <u>، م</u>	0FL.	72	102	11.62	(170)			\sim															
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.,	200	22	107	11150	5240	-4			4810	12	45	3580	5	75	9540	5	71		- 1		98980	43080	,940
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	Project	Location: "	1630 PA	RK STRI	ET.	1001		City: A	LMED	= or A			03. d.	FIEL	D DA	TA SI	IEET		1		CA (71	LCLEAN (4) 734-91:	INC. 37
	Client:	BUESTAD								Operator	(s): 🔨	ISCH	ong #:	GUUD	CHEVR	OLET		Date: _	611012	01 <u>Z</u>	Pag	re <u>BB</u> of	
			1			_					OBS	ERVAT	ION V	VELLS					_		_		
	WELL	<u>M</u>	<u>J-</u>	<u>M</u> M	-3	DPE	-3	VP-		VP-2		VP.3			_		-				_		_
	SCREE	N		<u> </u>													_			<u> </u>	_		
	Time	Vacuum	DTW	Vacuum	DTW	Vacuum		Vecuum		1/200													
		"H₂O	(8)	"H₂O	(ft)	"H ₂ O	(fi)	"H ₂ O	(ft)	*H₂O	(ft)	Vacuum "H ₂ O	(ft)	Vacuum "H₂O ∢	OTW (ft)	Vacuum "H ₂ O	DTW (ft)	Vacuum "H ₂ O	DTvV (fl)	Vacuum 'H ₂ O	DTW (fi)	Vacuum "H ₂ O	DTW (ft)
	02/15		-						<u> </u>														1.4
	0001	0.00		0.81		0,00	10.32	0.27		1.43		0.00		$ \rightarrow $		·							
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Ì	1200	0.00	-	0.85		0,00	10.38	0.31		1.41		0.00					\						
	1600	0.00		0,84		0,00	10,34	0.50		1.43		0.00											
	2000	0.00		0.87		0.00	10.32	0.28		LUN		0 00											·
										11-1-1		440											
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4	0001	6.P		0,82		0.00	10.37	0.29		A. [41		0.00											
ļ	6900	0,00		0.81		0.00	10.35	0.76		145		0,00											
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ŀ	2000	0,00		0.96		0.00	1040	0.31		1.44		0.00						· · ·		<u> </u>			
b	2/17																						
4	0-01	0.00		0.83		0.00	10,141	0,30	-	1,45		0.00											
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F	Project L Xient: E	ocation: UESTA	1630 P.	ARK STR	REET		" (City: A	LMED	Or 1 A Operator		ICK	Silte #: (1000 I 767	CHEVRO	DLET		Date: <u>C</u>	212112	01 <u>Z</u>	Page 124	of	
											E)	TRAC	TION	WEL	LS								
		1	Well I.D.			VRE-8	5	1. J. J.	VPE-	-10		VPE	-11		VVE-	.9						Cumul.	
	-	Screen	interval: F	rom-To (fi	¢					· ~ ·											Water Meter	Water	
		Initial De	eptih To W	ater DTW	(0)	9.86	/17	74	9.57	/14	59	10,43	117.	19	10.24	117.	73			· •	Readings	Extracted	
ļ	Time	Unit Vacuum	Alr Flowrate	TOX Temp.	Vapor Inlet. Conc.	Off/On	DTW	Stinger Depth	OhiOn	DTW	Stinger Depth	Off/On	DTW	Stinger Depth	Off/On	DTW	Stinger Depth	Ott/On	DTW	Stunger Depth	units	gals	
L		("Hg.)	(câm)	(degF)	(ppmv)	(ppmv)	(ft)	(feet)	(ppmv)	(ft)	(feet)	(ppmv)	(ft)	(feet)	(ppmv)	(11)	(feet)	(ppmv)	(ft)	(faet)	55900		
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1	0001	22	103	1451	4130				4030	12.	41	7230	5	72	1930	5	73						
	0800	22	- 101	452	3910				3840	12	43	2010	5	71)	6770	5	76				107060	51160	2030
Ľ	200	22	~170	1457	4090			·	3710	12	42	2130	5	73	6710	5	75						
	1600	22	103	1451	3910				3930	12	44	2070	5	71	6650	5	74						
Ŀ	1000	72	101	1455	3860				3820	12	47	2190	5	72	530	5	75				107980	52080	1010
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	_		HIC	GH VA	CUUN	K .]		SVE	or [X	DPE	3tta #* 6	FIEL		TA SI	HEET	Date:0	Z/231	2012	CalClea Page 134	n inc.	
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		Well I.D.			VPE-	<u>8</u>		VPE-	10		VPE	-11		VVE-	1						Cumul.	
	Screen I	nterval: F	rom-To (f	t)						· · · · · ·							<u>×</u>		· · · · ·	Water Meter Reariings	Water	e a construction of the second se
Time	initial De Unit Vacuum	Air Flowrate	TOX Temp.	/ (ft) Vapor Inlet Conc.	Off/On	ÐTW	Stinger Depth	Off/On	DTW	Stinger Depth	Offi On	WTO	Stinger Depth	Off/On	DTW	Stinger Depth	Off/On	DTW	Stinger Depth	units	gais	
	("Hg.)	(cfm)	(degF)	(ppmv)	(ppmv)	<u>(ft)</u>	(feet)	(ppmv)	(ft)	(feet)	(ppmv)	(ft)	(feet)	(pprav)	(ft)	(feet)	(ppmv)	(ft)	(feet)	55100		
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nject Loo	cation: 16	30 PAR	IK STREE	T			City: AL	Meda		. NH	N.	Sile #: (GOOD C	HEVRO	JLET		Dale: 🙅	710/20	n <u>#</u>	Page	<u>, io</u> at "	
ant: BU	ESTAD								Operator (OBSE	RVATI	ON W	IELLS				<u> </u>					
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510-769-9447 6.24/2012 11:54

				HI	GH VA	CUUI	Vī]SVE	or	X	DPE		FIEL	.D DA	TA S	HEET	г			CalCle	an Inc.	
01	Project l	ocation:	1630 P	ARK ST	REET			City: 4	ALMED	A			Sile #: (GOOD	CHEVR	OLET		Date: Q	12,231	201 <u>2.</u>	Page 3/	of	
щ	Client: 1	BUESTA	ם							Operato	r (6): <u> </u>	TUL		767.							_		
PAG											E	XTRA	CTION	WEL	LS	•						15	
			Well I.D.			VPE	3		VPE	-1 D		VPE	-11	:	VPE-	9			/			Cumul	1
		Screen	nterval:	From-To (ft)											1					Water Meter	Water	
ļ	Time	Initial De	pth To V	Vater DTV	V (ft)	9.86	/17.	74	9.57	/14.	59	10.43	10:	79	10.24	117.	73				Readings	Extracted	
		Vacoum	Flownate	Temp.	Conc.	omoa	BTW .	Sänger Depth	Off/On	DTW	Stinger Depth	Off/On	DTW	Stinger Denth	OffOn	DTW	Stinger	Olf/On	DTW	Stinger	unite	. meda	
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		Well I.D.		<u></u>	UVE -	8		VPE	10		VPE	-11		VPE	9						Cumul,
	Screen	Interval: F	From-To (i	ft)	901	112.	211	959	10.	20	10.10	1-	-0	10 11		78				Water Meter	Water
Time	Unit	Abr	TOX	Vapor Infet	Off/On	OTW	Stinger	Off/On	DTW	Z 7 Stinger	OffOn	DTW	Stinger	OffiOn	DTW	Stinger	Off/On	WTG	Stinger	Readings	Extracted
	Vacuum	Flowrate	Temp.	Conc.		-	Depth			Depth			Depth			Depth			Depth	units	gals
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1700	20	-16	1227	5210	1.610	-		1970	9	62	011	2	97	6770	<u>9</u>	611			·	11/040	161440
1000	10	152	1462	5120	1,776			761.0	a	50	960	3	91	7600	4	82			<u> </u>		<u> </u>
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(ft) ne	Vacuum "H ₂ O	VTC (ii)	Vacuum "H ₂ O	DTW (ft)	Vacuum "H ₂ O	DTW (ft)	Vacuum [;] ″H₂O	DTW (fl)	Vacuum "H ₂ O	DTW (ft)	Vacuum "H ₂ O	OTW (ft)	Vacuum "H ₂ O	DTW (ft)	Vacuum "H ₂ O	DTW (N)	Vacuum "H ₂ O	DTW (fl)	Vacuum "H ₂ O	0TW (fil)	Vacuum "H ₂ O	DTW (ft)
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510-769-9447 22/2012 11:54

				HIG	SH V	ACUUI	м [SVE	or	х	DPE		FIELD	DAT	ra sh	EET				CAL (714	CLEAN IN	IC.
)	Project Lo	cation: 10	30 PAR	RK STRE	ET			City: AL	MEDA	Operator (:		uc	she #: C	000 C	HEVRO	LET		Date: 07	<u>174</u> 120	12	Page	. <u> </u> # of _	
ļ	Client: BL	JESTAD									OBSE	RVATI	ON W	ELLS	-		<u>.</u>						
-		NILL	1	MIL	-3	DPE	3	VP-1		VP-2		VP-3											
	WELL	Litan	-	1 105		<u></u>	<u> </u>									-						· · ·	
	DTW (tt)									L fa an an ar	DIDAL	Managara	DTM	Vacuum	DITM	Vacuum	DTW	Vacuum	WTO	Vacuum	DTW	Vacuum	DTW
	Time	Vacuum "H ₂ O	WTC (ft)	Vacuum "H ₂ O	(ft)	Vacuum "H₂Ó	(ft)	"H ₂ O	(ft)	vacuum "H₂O	(ft)	"H₂O	(11)	"H ₂ O	(ft)	"H₂O	(ft)	"H2O	(ff.)	°H₂O	(ft)	"H ₂ O	(ft)
4	02/24																						
5	1600	0.35		0.80	<u> </u>	0.04	10.17	OHO		1.50		0.20			<u> </u>					┨───┤			
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5	0001	0.35		0.80	ļ	0.05	10,21	0.40		1.55		0.70			h					╂	╂───		
į	6800	0.35		0.75	<u> </u>	0.05	10.23	0.35	<u> </u>	1.50		0.2.0					1	╂───	┨			┨───	
1	1200	0.34		0.75	ļ	0.05	10.27	0.40		1.54		0.20								╂───	╋╍─	+	┟──
	1600	0.35	<u> </u>	0.70		0.05	10.28	0.35	 	1.54		1045							+	┼──	+	╂────	
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	10001	035	<u> </u>	0.75	+	0,05	10.28	0.35	<u> </u>	160		10,15		┼───			<u> </u>			+			<u>†</u>
	0800	0.30		0.75	<u> </u>	0.10	10.29	0.35		1,50		0100	╂──	┣	+		┼──	╬╍╍╍		╉━━┾	+	1	
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Project Location: 1899 PARK STREET City: ALMEDA Data # GOOD CHEVROLET Data # GO				HI	GH VA	CUUI	M		SVE	or	Χ	DPE		FIEL	D DA	TA S	HEE.	Γ			CalCle	an Inc.	
Cumeror (6): CUPLE (2, 12) EXTRACTION WELLS EXTRACTION WELLS Series intervel: From: To (8) Well ID: VYE-9 Water Meeting Cumul, Well Series Series intervel: From: To (8) VYE-10 VYE-10 VYE-9 Water Meeting Cumul, Well Series Time Und, Wer Meet OW (6) extracted colspan="2">Cumul, Well Series Cumul, Well Series Time Und, Meet OW (6) Restance Cumul, Well Series Cumul, Well Series Time Und, Meet OW (6) extracted Cumul, Well Series Const. Const. (pmm) (10; (free) (p	Project	Location	: 1630 F	PARK ST	REET			City: A	ALMED.	A			Site #:	GOOD	CHEVR	OLET		Date: (0Z1231	201 <u>Z</u>	Page <u>]</u> 3/	tof	
Watt LD. UPE-B UVE-ID UPE-II UVE-9 Currul, Water Meter Currul, Water Meter Initial Depth To Water DW (f). 4.66 / 17.77 4.57 / 16.57 10.18 / 17.79 (22.4 / 17.78) Water Meter Readings Example Time Unit, Marcinet Meter Tork, Vapor Intel Officin DTW Stinger Officin	Client: 1	DUESTA	Ū							Operato	er (s): <u> </u>	XTRA		I WEI	1.5						1		
Baren Interval: From-To (t) ITO Ito<			WellLD			NPE.	8		UPE	-10		UDE	-11		NOC.	0	·		· · · ·				1
Initial Depth To Water DTW (f) 4, 5k / 17.7-4 9, 57 / 1/2, 57 10, 45 / 17.7-9 10, 72.7 17.7-9 17.		Screen	Interval:	From-To (ft)		<u> </u>			1929	·				VIL						Watay Madaa	Cumul. Water	
The Vertual Arrow Vertual: Officin and Vertual: Officin and Vertual: Vertua: Vertual: Vertual: Vertual: Vertua: Vert		Initial D	epth To V	Vater DTV	V (ft)	9.86	./17.	74	9.57	/16 ··	59	10.43	117:	79	10.24	/17.	73				Readings	Extracted	
(*Hg.) (dm) (degf) (ppm) (ii) (iii) (ippm) (ii) (iiii) (ppm) (iii) (iiii) (ppm) (ii) (iiii) (ppm) (ii) (iiii) (ppm) (iii) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) <	Time	Unit Vacuum	Air Flowrate	TOX Temp.	Vapor Inlet Conc.	Off/On	DTW	Stinger	Off/On	DTW	Stinger Depth	Off/On	DTW	Stinger Depth	Off/On	DTW	Stinger Denth	Off/On	DTW	Stinger	unite		1
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$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	1200	20	-151	1457	5410	7280			3520	<u><u><u></u><u></u><u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u></u></u></u>	55	1880	3	94	5810	4	84						1
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			HI	GH VA	CUUI	M]SVE	or	X	DPE		FIEL	.D DA	TAS	HEET	г	8		CalCle	an Inc.	
Project	Location:	: 1630 P	ARK ST	REET			City:		A	1		Site #:	GOOD	CHEVR	OLET		Date;ð	2,29	201 Z	Page 14	Are	
Client:	BUESTA	D							Operato	or (s): N	Ter	~	767		_							
										E	XTRA	CTION	N WEL	.LS	27		· · · · · · · · · · · · · · · · · · ·			1		
		Well I.D.			VPE-	B		VPE	-10		VPE.	-11		VPE	9			· . · ·			Cumul	1
	Screen	Interval: I	From-To (ft)											-					Water Meter	Water	
Time	Initial D	epth To V Air	Vater DTV	V (ft) Vapor Inlet	9,80	2/17,	7ム 「Stinger	9.57	7/16.	59	10.47	5/17.	79	10.2	+ 77	173				Readings	Extracted	
	Vacuum	Flowrate	Temp.	Conc.			Depth	Olivon	DIW	Depth	OlivOn		Depth	Off/On	DIW	Stinger Depth	Off/On	DTW	Stinger Depth	units	aats	
	("Hg.)	(cfm)	(degF)	(ppmv)	(ppmv)	(ft)	(feet)	(ppmv)	(ft)	(feet)	(ppmv)	(ft)	(feet)	(ppmv)	(ft)	(feet)	(ppmv)	(ft)	(feet)	55900		
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0001	10	156	145)	<u> 2330</u>	6740			3130	9	52	1078	3	44	5920	4	81						
0800	20	-154	1452	5260	6530			3010	9	58	1021	2	41	6770	4	86				117340	61440	2000
1200	10	121	1458	5410	6610			ETIO	7	55	937	2	77	5680	4	84					<u> </u>	
2000	20	154	14-56	5040	1 600			2000	a	24	150	2	90	5710	4	63						
1000		1.04	(157	1040	6500			2940	-1	77	486		12	5540	4	81				110310	62410	2100
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1200	26	81	1451	7350	6240		1	2940	8	59				5240	11	84					<u> </u>	
1600	25	87	1453	7470	6190	6	61	2790	8	51				5070	4	82						1
2000	25	84	1457	7290	6070	4	Le4	2530	8	55				5150	4	81				120870	104920	1610
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02/2																						
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1200	25	83	1451	7070	6140	Le_	61	3010	8	55				5340	4	81						
1600	25	82	1463	7120	6220	le	62	3270	R	58				5160	4	83						
2000	17	04	1451	6930	6170	le	63	3190	8	57				4990	4	81				123330	61430	2510
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<u>6</u> 10 10	Client: I	Location: BUESTA	: 1630 F (D	'ARK SI	Kael	f		City: A	ALMED/	A. Operato	or (s): <u>k</u>	Tel	Site #	G00D ≁7(CHEVRI	OLET		Date:	<u>7 1</u> 01):	201 <u>2</u>	Page <u>/5A</u>	of	
1							an 100				E	XTRA	CTION	WEL	LS	•							
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		Screen	Interval: I	From-To (fi)		-					1		_							Water Meter	Water	1
	Time	C (nitial D	epth To V	Nater DTV	N (ft) I Warner Indek	9.20		174	9.57	110	.59	10.43	117	19	10.24	/11	13				Readings	Extracted	
		Vacuura	Flowrate	Temp.	Conc.		:	Depth		DIW	Depth	Oliyon	DTW	Stinger Depth	Oli/On	OTW	Stinger Depth	OffOn	DTW	Stinger Depth	, ynits	gals	
N	1.0	("Hg.)	(cim)	(degF)	(ppmv)	(ppmv)	(ft)	(feel)	(opmv)	(ft)	(feet)	(ppmv)	(ft)	(feet)	(ppmy)	(fi)	(feet)	(ppmv)	(11)	(feat)	96900		
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Ĭ.	1200	19	-84	492	12740	1/2120	le	68	3460	8	55				4490	4	87						1
6	1000	19	86	1452	12610	6140	le	25	3510	8	58				4380	4	86						
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	1700	26	85	1463	Idain	1.020	10	1.3	26.0	2	61	<u> </u>	•	<u> </u>	110.00	<u> </u>	00	[¥	190100	1430D	1 Print
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				HIC	GH VA	CUUN	n (SVE	ог	X	DPE		FIEL	D DA'	TA S	HEET	-			CalClea	n inc.	
02	Project L Client: E	ocation: SUESTA	1630 P. D	ARK STI	REIET			City: A	LMEDA) Operator	(s): N	TUR	Site #: (500D (70		OLET		Date: _	<u>3,3,</u> :	2012	Page 16A	5f	²
Ä			_								E)	TRAC	TION	I WEL	LS								
			Well I.D.			VPE	-8		VRE	D		VPE-	9	:					*			Cumul.	
		Screen toitlat Dr	interval: F	From-To (1 Valar DTV	(f) / (fit)	9.80	-/17	1.74	95	1/16	159	10.24	1/17	23							Water Meter Readings	Extracted	
	Time	Unit Vacuum	Air Flowreis	TOX Temp.	Vapor Inlet Conic.	OffiOn	DTW	Stinger Depth	Off/On	DTW	Stinger Depth	Off/On	DTW	Stinger Depth	OffOn	DTW	Stinger Deptin	Off/On	DTW	Stinger Dapth	units	gals	
2	103	("Hg.)	(cfm)	(degF)	(ppmv)	(ppmv)	(ft)	(feet)	(ppmv)	(fi)	(feet)	(ppmv)	(ft)	(teet)	(ppmv)	(10)	(1661)	(ppmv)	(II)	(teet)			i
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B	1200	25	-83	1452	5930	5790	6	64	3630	8	51	4190	4	81									
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																		S = E = V					

			ню	GH V	ACUU	M		SVE	or	х	DPE		FIELD	DA	TA SH	IEET				CAL	CLEAN I	NC.
Project Lo	cation: 1	630 PAI	RK STRE	ET			City: Al	.MEDA		. 1		Site #:	GOOD C	HEVR	OLET		Date:	212412	01 <u>Z</u>	(714 Page) 734-9137 3 <u> </u> of _	7
Client: B	UESTAD								Operator		ECK											
										OBSE	RVAT	ION W	/ELLS									
WELL	MIN	-1	MW	-3	DPE	3	VP-1		VP-7		VP-3	>										
SCREEN								U.	20													
DTW (ft)	Vacuum	DTW	Vacuum	DTW	Vacuum	DTW	Vacuum	DTW	Vacuum	DTW	Vacuum	DTW	Vacuum	DIÊW	Vacuum	▶ DTW	Vacuum	DTW	Vacuum		Vacuum	DTW
	"H ₂ O	(ft)	"H ₂ O	(ft)	"H ₂ O	(ft)	"H₂O	(ft)	"H ₂ O	(ft)	"H ₂ O	(ft)	"H ₂ O	(ft)	"H ₂ O	(ft)	"H ₂ O	(ft)	"H ₂ O	(ft)	"H ₂ O	(ft)
02/24		*																				
1600	0.75		0.80		0.05	10.17	0,40		1.50		0.20		\mathbf{N}									
2000	0.30		0.75		0.05	10,19	0.40		1.50		0.15											
02/25		-																				
0001	0.35		0.80		0.05	10,21	0.40		1.55		0,20				-							
0800	0:35		0.75		0.05	10.23	0.35		1.50		0.20											
1200	0.35		0.75		0.05	10,27	0.40		1.55		0.20											
1600	0.35		0.70		0.05	10.28	0.35		1.55		0.15											
2000	0.35		0.70		0.05	10,26	0.40		1.55		0.20											
02/24																						
0001	0.35		0.75		0,05	10.28	0.35		1.50		0.15											
0800	0.30		0.75		0.10	10.29	0.35		1.50		0.20											
1200	0.35		0.70		0.05	10.31	0,40		1.55		0.20	L										
1600	0.30		0.70		0.10	10.30	0.40		1.55		0.15	L										
2000	0.30	<u> </u>	0.75		0.10	10.32	0.35		1.50	<u> </u>	0.15			L								
02/27											· _											
0001	0.34		0.80		0.10	10:31	0,40	h	1.55		0.20											
0800	0.34		0.75		0.05	10.34	0,45		1.55		0,15											
1200	0.35		0.70		0.05	10.35	0.40		1.50		0.15											
1600	0.35		0.70		0.05	1931	0,40		1.50		0.20											
2000	035		00.0		0.05	1033	0.40		1.50		6.20											

Comments:

Project L	ocation: 1	630 PA	HI RK STRE	GH V et	ACUL	JM	City: A		E or	X	DPE	Site #:				HEE	Г ран Ф	7.79		CA (71	LCLEAN 4) 734-91	JWC . B37
Client: B	UESTAD				-				Operator	(s). <u>M</u>	ur							<u> </u>	01 <u>~</u>	Pag	re 1 40 of	
	KALL.		L set l							OBS	ERVAT	ION V	VELLS									
WELL SCREEN	- [·[]W	1	Mini-	2	VYE	3	<u> VP-1</u>		<u>vp-</u>	2	UP-3	<u>></u>										o
DTW (fit)											- N											<u>ب</u> بن
Time	Vacuum "H₂O	DTW (ft)	Vacuum "H₂O	DTW (ît)	Vacuum "H₂O	DTW (fi)	Vacuum [;] "H ₂ O	OTW (R)	Vacuum "H ₂ O	DTW (fi)	Vacuum "H ₂ O	DTW (it)	Vacuum "H ₂ O	DTW (fi)	Vacuum "H ₂ O	DTW (fl)	Vacuum "H ₂ O	DTW (ft)	Vacuum "H ₂ O	DTW (ft)	Vacuum "H₃O	
02/28		-																			~	4 0 1
0001	0.40		0,70		0.05	19.34	040		1.45		020					K						769-
0200	0.75		0,70		0.10	10,36	0.35		1.45		0.20											
1200	0.40-		0.70		010	19.38	0.95		1.40		0.24											
1600	0.4D		0.65		0.05	10.37	0.35		1.40		0.25											
1600	040		0,6		0.05	10,78	0.35		145		0.20					[
92129																						
1000	0.41		Dich		0.10	1039	0.34		140		0.20											
0800	0.45		0,65		0.10	10,41	0.35		135		0.25											ينا لد
1200	0.45		0.65		0.05	10.39	0,40		1.30		0.20											——
16.00	<u>6.40</u>		0.60		0,10	10.40	040		1.30		0.20											
2/01	0,45		0:69		0104	10.42	0.35		1.35		0.20							<u> </u>	+			
07/	mu6		AL-D		010																	
~90D	D.4D		21.6		0110	10.41	0140		1.35	L	0.25										+	 4
1700	0.46		Din		010	12.97	1 10		1.50		0.25											N
1000	0.40		0.00		Noh	DITU	0.40		1470		0.20											
1000	0.40		mbD		0.05	101-71	0410		1.70		0.10											
03/02					LIN.1	The Party			100		0.10							[
0501 K	5,46		0.60		0.10	10,44	0.40		26		01/											-1
0050	0,45		0.40		040	10.47	0.35		120		1.20											E A
Comment	s:		<u>_</u>				<u></u>	l														۳ ۲

						2				UBSE	RVAID		ELLO									
	MIN-		MW-	3	DPE-	3	UP-1		VP-Z		<u>vr-5</u>		•									
REEN																		EXTRA	Version	DTM	Vacuum	DTA
W (ft) Time	Vacuum "H ₂ O	WTQ (ft)	Vacaum "H ₂ O	DTW (ft)	Vacuum "H ₂ O	DTW (ft)	Vacuum [:] "H ₂ O	DTW (ft)	Veiduumi "H₂O	DTW (ît)	Vacuum "H ₂ O	DTW (ft)	Vacuum "H₂O	DTW (ft)	Vacuum "H ₂ O	(ff)	"H ₂ O	(11)	"H ₂ O	(ft)	"H ₂ O	(ft)
102		•																				
200	0.40		0.65		0.10	10.45	0.35		1.15		6.20						F		 			
0.00	0.40		0.60		0.10	10.43	0.25		1.10		0,19					<u> </u>	<u> </u>			<u> </u>		
000	0.40-	-	0.65	<u> </u>	6.10	10,41	030		1,19		10.70		1			1	1	<u>†</u>	1		<u></u>	
3/03				 					1.6		016											
1001	6.40		0.60	<u> </u>	0.10	10,42	0.30		1.00	-	1125					1						
7800	0,45		0.65	-	010	10.47	0.95	╀	1.20		0.70										•	
200	0.45		0.60		0,10	1045	10.70		1.16		0.16	1								<u> </u>	<u> </u>	ļ
1400	0.45	<u></u>	0.60		0,00	10,40	0.70		1.15	1-	10.10		1	1						ļ		ļ
2000	0.40	<u>'</u>	0.60	<u>'</u>	0.10	10.48	10.90											1			_	
3/04				┦		-	10.30	+	1.10		0,15								·	4	_	
6601	0.40		0,00	<u>}</u>	0.05	10.6	5 0.40		1.20		0.25					<u> </u>					┼───	<u> </u>
<u>6900</u>	0,47		0.07		0.10	10.5	0.35		1.15		0,20							+		+		–
1200	0.40	;+	1010.0	1-		10.5	2 0.34		1.20	>	0.20	-	<u> </u>									╂──
1 LeDu	6 44		010		010	> 10.5	5 0.35		1.20	2	0.20	ź			-		_			+	+	┼──
104	1000			1-															+	+	+	+
0001	0.4	5	0.6	5	0.17	0 10,5	6 0.30		1.15	2-	0.24	-						-+-		+	+	+
080	0.4	5	0.6	5	0.0	5 10.	ទា 0.30		121	의_	-10,20		╺╋┈╼							+		1-
	1						<u> </u>											-		+-	-	+
	1						<u> </u>															_ <u>+</u> _
Comm	rents:							17		_												

PAGE 03

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FEDEX OFFICE 0462

03/05/2012 10:11 510-769-9447

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Project Client:	Location BUEST	n: 1630 i AD	PARK S1	REET			City: 4	ALMED	A Operate	<u>N (s):</u>	tak	Site #;	6000 76	CHEVR 7	OLET		Date: (DFIPLe:	201 <u>Z</u>	Page 17/	of	-
										E	XTRA	CTIO	N WEL	LS	(4)							
	0	Well I.D			VPE	8		VPI	E-10		VPE	-9	÷					/			Cumul	1
	initial D	aoth To 1	From-To (Nater D'h	(ft) At (ft)	9.81	117	24	0.5		10										Water Meter	Water	
Time	Unit	Air	TOX	Vapor laiet	OffiOn	ĐTW	Stinger	Off/On	DTW	Stinger	067/On	DTW	7.73 Istinger	080-	DTM	l ort	01710			Readings	Extracted	
	("Hg.)	Flowrate	(deoF)	Conc.	(nnmu)	. (8)	Depth (feel)	(Depth	Chiroft		Depth	Onicat	DIV	Sunger Depth	OnyOn	DTW	Stinger Depth	units	gats	
3/10			(j /	(pport)	DN	119	(1661)		(π)	(feet)	(ppmv)	(ft)	(feet)	(ppmv)	(ft)	(feet)	(ppmv)	(fi)	(feet)	55900		
0001	25	,85	1452	4410	6430	(0	1.7	4740	0	170	2190		110									
800	25	.83	14:51	4390	5360	10	64	4170	8	510	3510	7	22								<i>.</i>	
1200	25		1453	4220	5190	6	103	uc90	R	51	2440	4	09							142210	86310	3110
1600	25	81	1454	4140	5010	Q	let	3970	8	55	3310	पं	Ria									- ·
2000	25	84	1451	4020	4810	U	Let :	3910	B	54	3220	ч	82							141130	00770	7.45
1.4																				199170	00000	and
3/7																						
	25	10	1452	4170	4710	6	62	4260	8	52	3390	4	84									
180	62	84	1951	3710	4530	(e	61	4190	8	54	3260	4	82							146370	89470	31100
																					01110	1.
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										1			·									
ommei	nts: 01	6/07	- Tor	OK TOT	er In	467	VA	YOR 4	SAME	150	206	115	1,721	150 ~	EC .	106-0	VDES		1775	9000-		
										<			<u></u>		<u>vr (</u>	10.0	1.10	U P	Vre-	10-087	0,	

				HIG	GH VA	CUUN	1 [SVE	or [X	DPE		FIELI	D DA	TA S	HEET	•			CalClea	n Inc.	
П	roject L	ocation:	1630 P/	ARK STR	EET		I	City: A	LMEDA	i Dografor	cet N	Tek	Site #: 0	000 (7 (e	CHEVRO	olet		Date: 0	<u>3,01</u> ,	201 <u>Z</u>	Page <u>184</u> .	of	
E E E E E	nent: E	IVESTA	,								(<u>a)</u> E)	TRAC	TION	WEL	LS	•							
-			Weil LD.			DRE	2		VPE	5	< C	VPE	-Le	:								Cumul.	
,	1	Screen 1	nterval: F	rom-To (fi)		1		401		1.6	10.06	1.1	1.4							Water Meter	Water	
	Time	Initial De Unit	pth To W Atr	ater DTW	(ft) Vapor Inlet	いいう OffOn	714. BTW	40 Stinger	OffiOn	DTW	Stinger	OffiOn	WTG	Stinger	Off/On	DTW	Stinger	Off/On	DTW	Stinger		Extracted	
	THIC.	Vacuum	Flowrate	Temp.	Conc.			Depth	((8)	Depth	(Depth (inst)	Inner	/85	Depth (feet)	(mmm)	(#)	Depth (fact)	units	gals	
N	107	("Hg.)	(cim)	(degF)	(ppmv)	(vingg)	(11)	(reet)	(voniq)	 	17-	(ppmv)	<u>ųų</u>	17	(hbitue)	119	fleeth	Thomas	(ic)	:,			
Ð.	nouh	74	141	1451		WF			4180				_						-			1	
	1915	24	43	INSE					3990														
5		· · ·	~	1.00		ON			OFF														
5	097.0	18	64	1456		2410																	
Ě	A45	19	122	1451		2390							\mathbf{N}				1	<u> </u>					
Ц Г						OFF		L	ļ			ON	P	117				╂──					
	<u>0950</u>	26	32	1453							K	1412											
	1015	26	35	1461	<u>.</u>			13	ON		1-1	1706							<u> </u>				
	1000		121	11,62	1370	110-1	2	61.		10	43		3	91				1		+			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
	1020	10	107	1462	847	7470	ß	63	3010	10	47	1093	3	93	<u> </u>						-1		
~	1100	19	1147	1451	809	1938	g	51	3240	10	44	927	3	92					<u> </u>				
3	1700	19	145	1450	756	781	8	54	1671	10	45	1051	3	95									
'n Q	1600	19	141	1452	742	754	8			10		689	3						<u> </u>				
	100	19	143	1451	718	719	8			10		1070	3	<u> </u>			ļ		\square		147300	91400	3170
n				<u> </u>	<u> </u>						1			:	_				<u> </u>			ļ	1
33	08/04	5		111.6-					h			241					+		┣				-
1.60	000	18	1157	1453	159	783				10		177	17	+						╉──	ULO INTE	G26IN	-
Ņ	1057	18	124	1451	10	001 014	to	102	1097	10	41	769	3	97	+						עורפריו	TOALO	- ^{,,,,}
207	110.00	10	207	<u>41701</u>	1 14	DOR A	AWAD	It G	11711	Eer	0.26	- 191	-56	2 091	5. 0	PEJ.	Q, D	945	VPE	120	1015 MT	L	1
120/	Comin		104	5	VP	101- 0	A IN P		127	rew			40										ĸ
ñ	برا - مرر ا		<u>10-1</u>	14	. Ýn	19 ₁	<u> </u>	99		10	<u>8.</u>		1			9.4	۶	-					-

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			HIC	SH VAG	CUUN	n [SVE	or	Х	DPE		FIEL	D DA'	ra si	HEET	•			CalClea	m Inc.	
Project l	.ocation:	1630 P/	ARK STF	LEET			City: A	LMEDA	1	N	SOL	Site #: (3000 (7 lo 7	CHEVR(OLET		Date:	5,8,	201 <u>2</u>	Page	of	
Client: I	BUESTA	D							орыния	E)	TRAC	TION	WEL	LS		····						
		Weill.D.			DPE	2		VPE	5		VPE-	لع	:								Cumul.	
	Screen Bolial Dr	Interval: F	rom-To (f	i) / (ft)	11.15	714.0	10	9.90	2/17	169	10.0	1/17	43							Water Meter Readings	Water Extracted	
Time	Unit. Vacuum	Alr Flownate	TOX Temp.	Vapor Intet Conc.	Olivon	DTW	Stinger Depth		OTW (P)	Stinger Depth	Off/On	DTW (fft)	Stinger Depth	OfilOn	DTW	Stinger Depth	Off/On	DTW (ff)	Stinger Depth (feet)	units	gals	
n3/08	("Hg.)	(cim)	(degF)	(ppmv)	(ppmv)	(11)	(Teet)	(ppmy)	(n)	(Mach	(ppmv)	(19		(ppine)	[m)	(Instel)	Thhurst	(11)	(loot)			
1200	18	155	1453	758	0-1		1 11	11-70	10	112	7-4	4	वट			_					-	
1600	10	- 74	1461	923	817	6	68	1910 1381	9	49	OFF									150320	94420	3020
															X							Į.
05/04	1	1	1451	677	7910	6	109	1316	9	51						[<u> </u>		<u> </u>	
080	19	73	1463	764	714	6	67	1174	9	53										151480	95580	707
							ļ	-														-
	+		<u> </u>	<u> </u>					K													1
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				+	+ <			<u>_</u>	\mathbf{H}				<u> </u> .	<u> </u>		<u> </u>		 .				-
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			<u> </u>					\mathcal{O}				·]
-		+-					\ominus) <u> </u>							+	<u> </u>	+					-
Com	ments:	03/08	- 102	UEV OI	FF V!	PE-Le	er	700.		-		ST.									· · · · · · · · · · · · · · · · · · ·	_
			- 14 - 14 - 14 - 14 - 14 - 14 - 14 - 14			201				* II	0		8		397 - 12					6	2	
	- ·																					_

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ent: BUE	ESTAD								Operator (ARSE	RV/ATIO	DN W	ELLS					-				
Ļ			- 4. L C	. 1		7	12-1		10-7		117-3					1						
ELL	Mihl.	1	MW-	2	VIEN	2-1	Vt-t			·	0											
															Lines in the	DTM	Variation	DTW	Vacuum	DTW	Vacuum	DT
Time	Vacuum "H ₂ O	DTW (ft)	Vacuum "H ₂ O	WTG (ft)	Vacuum "H ₂ O	07W (ft)	Vacuum [:] "H ₂ O	DTW (ft)	Vacuum "H₂O	DTW (ft)	"H₂Ô	(ft)	"H ₂ O	(fi)	"H ₂ O	(ft)	"H ₂ O	(ft)	"H₂O	(ft)	"H ₂ O	(8
3/05		1							1.10		0.70					·						
LOCO	0.40		0.60		0,10	10.01	0.39		1.10		0,20							<u>├</u> ──				
BIOLE	, 						22		115		075											
100	0,45	<u> </u>	0.100		0.10	10.60	0.29		110		025											
080	0,45	<u></u>	6.60	 	0.10	10.101	0.30		1.10		n.20											
1200	0.40		0,60		0.10	10.00	025		1.10		0.25											
1600	0.45	_	0.67		0.09	10.01	030	┢╌──	15		0.25											
2000	0,40	·	0.60		0,10	10/101	0.00		THE V					1								Ŀ
3/51	 		1.7		1006	1047	035		135	1	0.25			1								Ļ
0001	10.40	;]	0.07		10.00	INIA	035		1.15		0.25		1				İ					1
OfoC	0,45		0.60		120	10,00	0.85		n.15	\mathbf{t}	0.46											<u> </u>
1200	0.15	<u> </u>	0.75		1.00	10 0	10.06		0.20		In.u.K			1-								
1600	0.15		10,10		1.00	11/122	10.06		6.16		0.36	1	1									
2000	10.20		0.00		11.00	10.125				1-												1
3/08	·		0.00		1 10	10.0	9 1.04		0.15		0.40		1									
0001	10.0	2	0.00		90		0.06		0.15		0.35											1
0800	1014		0.00	·	1.92		10.05	+	0.10	1	0.34										<u> </u>	_
1200	10.14		0.00		1.90		3 0.05	· · ·	0,15		0.40											
1400	200	21-	0.00	-	2.0	ALLA	0.05		0.10		0.45	1										_
200	00%		0,00		100			-				1.										

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PAGE 03

FEDEX OFFICE

510-769-9447 03/09/2012 09:01

ient: BU	ESTAD								Operator (<u>): 197</u>	DVATH	N W	FILS									
						-	12.1		127	JESE	112.2											
ÆLL	MW		MIL-	3	DPE-	5_	<u>vr-1</u>		¥1-4		VI											
CREEN														DTIAL	Maginit	DTW	Varinum	WTO	Vacuum	DTW	Vacuum	DTV
Time	Vacuum °H ₂ O	DTW (ft)	Vacuum "H ₂ O	DTW (II)	Vacuum "H ₂ O	(fil)	Vacuum' "H ₂ O	DTW (ft)	Vacuum "H ₂ O	DTW (ft)	Vacuum " "H ₂ O	(ft)	'H ₂ O	(ft)	"H ₂ O	(ft)	"H ₂ O	(fi)	•H₂O	(ft)	"H ₂ O	(fil)
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PAGE 04

ICE 0452

FEDEX OFFICE

03/09/2012 09:01 510-769-9447

F	Project	Location	: 1630	PARK ST	REET			City: 4	Almed	A		1.	Site #:	GOOD	CHEVR	OLET		Date: 0	51061:	201 2	Page 17/	of	
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										_	E	XTRA	CTIO	N WEL	LS	•							
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5 1 1											E)	TRAC	TION	WEL	LS	•							
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7000	0,15		0.20		0.45		0,70		0.15		0.30											
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0001	0115		0,15		0,40		0.26		0,15		0.30	Ī		:÷				—i				
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2000	0.15		0:25		0.40		Orth		0.25		0.35											
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0001	0.15		0.25		0,40		6.25		0.25		0.30								 -			
0800	0.15		0.20		0,40		0.25		0.25		0.35											
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										OBSI	ERVAT	ION V	VELLS									
WELL	MW	H	MU	(-3	DPE	-3	VP-1		UP-Z	_	VP-7	5 *		_								
SCREEN																						
Time	Vacuum *H ₂ O	DTW (fit)	Vacuum "H ₂ O	DTV/ (ft)	Vacuum "H₂O	DTW (ft)	Vacuum "H ₂ O	OTW (N)	Vacuum ″H₂O	DTW (ft)	Vacuum TH ₂ O	DTW (ft)	Vacuum "H ₂ O	DTW (ft)	Vacuum "H ₂ O	DTW (ft)	Vacuum °H ₂ O	DTW (ff)	Vecuum °H ₂ O	DTW (ff)	Vacuum "H ₂ O	DTN
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3/13											K											
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1600	0.15		0.25		0.40	10.94	0.25		0.70		0.35											<u> </u>
2000	0.14		0.25		0,45	1090	0.70		0.25		0.35											
3/14							21 															
1000	0,19.		0.70		0.45	10.84	0.25		0.20		0.40											
0800	0,15		0.25		0.45	10.87	0.20		0,15		0.40											
200	0,15		0.25		0.40	10.85	0.26		0,20		0.35				1			-				
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Client: B	UESTAD								Operator	(s): N	TCK	5118 #:	GOOD (JHEVR	OLET		Date: 🛃	<u>////</u> 2	01 <u>6</u>	Pag	e <u>[] 19</u> of_	<u> </u>
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WELL	MIA	1-1	Min	-3	DPE	3	VP-1	ي الراحميناتين	VP-7	2	VP-3	, ,										
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	"H₂O	(ft)	"H _z O	(fi)	"H _z O	(ft)	vacuum "H₂O	(ff)	Vacuum "H ₂ O	(ft)	Vecuum "H ₂ O	DTW (ft)	Vacuum "H ₂ O	DTW (fi)	Vacuarm "H ₂ O	DTW (ft)	Vacuum "H ₂ O	DTW (ft)	Vacuum "H₂O	DTW (ft)	Vacuum "H ₂ O	DT (f
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ы 02	Project Client:	Location BUEST/	: 1630 \D	PARK ST	REET		, v S	City: /	almed.	A Operat	or (s): <u>1</u>	1544	Site #:	GOOD 767-	CHEVR	OLET		Date:	<u>3,17</u> ,	201 <u></u>	Page ZZ		
PAG			·								E	XTRA	CTIO	N WEI	LS						1		
			Well I.D	L	<u> </u>	DPE	5		DPE	-8		VPE	-10		DPE	9			-				ī
		Screen	Interval:	From-To	(ft)	I				~												Cumul.	ŧ.
	Time	Unit	Air	TOX	Vapor Inlet	0ff/On	BTW	Stinger	Officia	DTW	Clinger	080-	DIREC	1.00							Readings	Extracted	
		Vacuum	Flowrate	Temp.	Conc.		1	Depth		Dim	Depth	Onion		Depth	Off/On	DTW	Stinger Depth	Off/On	DTW	Stinger	unsile		1
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lient: Bl	JESTA	•							Oparator	<u>(s): N</u>	TUL	-	-76							1	
										E)	(TRAC	TION	WEL	LS	•						
	ſ	Mall D			DRE	-5		TYPE	-8		VPE	-10		DRE	-9			-			Cumul.
Į	Screen	nterval: F	rom-To (fi			_														Water Meter	Water
5 J	Iniliai De	pth To W	ater DTW	/ (ft)														-		Readings	Extracted
Time	Unit Vacuum	Air Flownate	TOX Temp.	Vapor Inlet Conc.	OffOn	DTW	Stinger Depth	Off/On	DTW	Stinger Depth	Off/On	DTW	Stinger Depth	OffOn	DTW	Stinger Depth	Off/On	DTW :	Stinger Depth	units	gale
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Ч Ц Ц	Client: D		•								E)	TRAC	TION	WEL	LS				-				
	ļ	Samon	Well I.D.	rom-To (f)	3	DPE-	4		DPE	-8		DPE	-9	:	DPE	-10		DPE	-11		Water Meter	Cumul. Water	-
		Initial De	pth To W	ater DTW	(ft)	OIFOn	PTW	Stinger	Off/On	DTW	Stinger	Off/On	DTW	Stinger	Off/On	DTW	Stinger	Off/On	DTW	Stinger	Readings	Extracted	
	Time	Unit Vacuum	All ⁻ Flowrate	Temp.	Conc.	(normal)	.(6)	Depth	(nomv)	(ff)	Depth (feat)	(nomv)		Depth (feet)	(ymaa)	66	Depth (feet)	(vinda)	(ff)	Depth (feet)	units	gals	
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Project L	ocation: 1	630 PA	rk stre	ET			City: Al	LWED/	4	. 1		Site #:	GOOD	HEVR	OLET		Date: 3	3,16,2	01Z	(71 Ren	4) 734-013 	37
Client: B	UESTAD								Operator	<u>(s): U</u>	ICK									ray		
		1 1		-						OBS	ERVAT	ION V	VELLS									
WELL	MIA	1-1	Mini	-3	DPE	-3	VP-1		VP-7	<u></u>	VP-?	2									-	
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Time	Vacuum "H ₂ O	DTW (fl)	Vacuum "H ₂ O	DTW (ft)	Vacuum "H _z O	DTW (ft)	Vacuum "H ₂ O	DTW (fl)	Vacuum "H ₂ O	DTW (ft)	Vacuum "H ₂ O	DTW (ft)	Vacuum "H ₂ O	DEW (ft)	Vacuum "H ₂ O	DTW (ft)	Vacuum "H ₂ O	DTW (ft)	Vacuum "H ₂ O	DTW (it)	Vacuum "H ₂ O	DTV (ft)
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1200	0.20-	-	0.25		0.40	10.82	0.20		0.15		0.45											
1600	0.20		0.20		0.30	10,81	0.25		0.20		0.35											
2000	0.20		0.25		0.35	10.83	0.75		0.25		0,40											
3/17								<u> </u>									i.					
0001	0.20		0,30		0.30	10.84	0.25		0.25		0.35											
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<u>3/'8</u>											-											
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1	<u>MM-1</u>	·	TIM		VIEN		VIII															
(EEN) V (FO)										PST M	Magnitum	DTM	Macuum	DTW	Vacuum	DTW	Vacuum	WTD	Vacuum	OTW.	Vacuum	DTW
mə	Vacuum "H ₂ O	WTC (ji)	Vacuum "H ₂ O	DTW (fii)	Vacuum "H ₂ O	DTW (ft)	Vacuum [*] "H ₂ O	(fi)		(ft)	vaceum ™20	(ft)	"H ₂ O	(11)	"H ₂ O	(fil)	"H ₂ O	(6)	"H ₂ O	(ft)	"H₂O	(ft)
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00	0.20		0.30		0.35	11.00	0.25		0.26		0,40											
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