CUNDDV	UREAU OF LAND MANA	GEMENT	5. Lea	Expires: Jan ase Serial No.	uary 31, 2018
SUNDRY Do not use the abandoned we	NOTICES AND REPO is form for proposals to II. Use form 3160-3 (API	RIS ON WELLS drill or to re-enter an D) for such proposals.	6. If I	ndian, Allottee or	Tribe Name
SUBMIT IN	TRIPLICATE - Other inst	tructions on page 2	7. If U	Unit or CA/Agreen	nent, Name and/or
1. Type of Well			8. We	II Name and No.	1
2. Name of Operator	Contact:	LAURA BECERRA	9. AP	I Well No.	· .
CHEVRON USA INC	E-Mail: LBECERR	A@CHEVRON.COM	30	-015-20952	1
6301 DEAUVILLE BLVD MIDLAND, TX 79706		Ph: 432-687-7655	BL	JRTON FLAT;E	BONE SPRING
4. Location of Well (Footage, Sec., 7	C., R., M., or Survey Description,)	11. C	ounty or Parish, St	tate
Sec 4 T21S R27E Mer NMP 2 32.514910 N Lat, 104.188310	2787FNL 850FEL W Lon		EC	DY COUNTY,	NM
12. CHECK THE AI	PPROPRIATE BOX(ES)	TO INDICATE NATURE OF	NOTICE, REPO	RT, OR OTH	ER DATA
TYPE OF SUBMISSION		TYPE OF	ACTION		× ,
R Notice of Intent	□ Acidize	Deepen	Production (Sta	art/Resume)	□ Water Shut-
Subsequent Denert	□ Alter Casing	Hydraulic Fracturing	Reclamation		🗖 Well Integr
	Casing Repair	□ New Construction	Recomplete		🛛 Other
Final Abandonment Notice	Change Plans	Plug and Abandon Plug Deals	Temporarily A	bandon '	
	arv groundwater well to a		luring 2010	A11C	
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District 1625 N. Frencl	h Dr., Hobbs,	NM 88240		State	e of N	New Mexic	co				
District II 811 S. First St.	. Artesia, NM	188210		Energy Mine	rals a	nd Natural	ResourcesD	STRICT	II-ARTE	SIA O.C.D.	Form C Revised April 3,
District III 1000 Rio Braze	os Road, Azu	c, NM 87410	Ŧ	Oil Co	nserv	vation Divi	sion	Sub	mit i Cop	y to appropria	te District Off
District IV 1220 S. St. Fra	ncis Dr., San	ta Fe, NM 8750	5	1220 S	outh	St. Francis	Dr.		• d	ccordance wit	n 19.15.29 NN
			Dal		ta Fe,	NM 8750	5		· · · · · · · · · · · · · · · · · · ·		
NARK	ZIANE	Ω	N ei	ease nounca	uon	and Cor	rective A	Action	l		
Name of C	ompany: C	Chevron USA	Inc 4	4323		OPERATO	OR		🛛 Inil	al Report	Final F
Address: 6	301 Deauv	ille Blvd., M	idland, 1	TX 79706	T	elephone No	Barnnill b.: 432-687-7	108		· <u> </u>	
Facility Na	me: Feder	al 4 Com no.	001		Fa	acility Type:	Battery		·		
Surface Ov	vner: BLM	[Mineral Ow	ner: Bl	LM			APIN	D.: 30-015-20	952
				LOCAT	ION	OF RELI	EASE				
Unit Letter	Section	Township	Range	Fect from the N	North Li	ine [Feet from the	East L	inc	County	
<u>A</u>	4	215	27E	2787		5	860			Eddu	
			I	atitude: 37 51401	Lond		19931				
			. L		n ro ra	Bituue: -104	10031 NA	1	~ /		^ · ·
Type of Rela	ease: Histori	ical Spill		NATU	KE O	JF RELEA	ASE	<u></u>	Mat	36	bls. PIL,
Source of Re	elease: Tank	s				Date and Hou	ar of Occurren	ce:	Date and	Hour of Disco	1 55/P overy: 6-26-18
Was Immedi	ate Notice (Given?				Unknown/Hi	storical /hom?				
			Yes 🛛	No 🗍 Not Requ	ired	_/ IV M					
By Whom? Was a Water	COurse Rea	ched?				Date and Hou	ır				
			Yes 🛛	No	1	II TES, Volu	me impacting	the Wate	rcourse.		
N/A Describe Cat On 6/26/20	use of Probl	em and Remed k crew bega	lial Action	n Taken.* emediation scope	on th	e Fed 4 Co	om 1 site, an	d after	starting	the soil rem	oval in the
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Operator/Responsible Party,

The OCD has received the form C-141 you provided on $\underline{\Omega 11118}$ regarding an unauthorized release. The information contained on that form has been entered into our incident database and remediation case number $\underline{28P-4855}$ has been assigned. Please refer to this case number in all future correspondence.

It is the Division's obligation under both the Oil & Gas Act and Water Quality Act to provide for the protection of public health and the environment. Our regulations (19.15.29.11 NMAC) state the following,

The responsible person shall complete <u>division-approved corrective action</u> for releases that endanger public health or the environment. The responsible person shall address releases in accordance with a remediation plan submitted to and approved by the division or with an abatement plan submitted in accordance with 19.15.30 NMAC. [emphasis added]

Release characterization is the first phase of corrective action unless the release is ongoing or is of limited volume and all impacts can be immediately addressed. Proper and cost-effective remediation typically cannot occur without adequate characterization of the impacts of any release. Furthermore, the Division has the ability to impose reasonable conditions upon the efforts it oversees. As such, the Division is requiring a workplan for the characterization of impacts associated with this release be submitted to the OCD District 2 office in 4/46 on or before 9/10/18. If and when the release characterization workplan is approved, there will be an associated deadline for submittal of the resultant investigation report. Modest extensions of time to these deadlines may be granted, but only with acceptable justification.

The goals of a characterization effort are: 1) determination of the lateral and vertical extents along with the magnitude of soil contamination. 2) determine if groundwater or surface waters have been impacted. 3) If groundwater or surface waters have been impacted, what are the extents and magnitude of that impact. 4) The characterization of any other adverse impacts that may have occurred (examples: impacts on vegetation, impacts on wildlife, air quality, loss of use of property, etc.). To meet these goals as quickly as possible, the following items must, at a minimum, be addressed in the release characterization workplan and subsequent reporting:

• Horizontal delineation of soil impacts in each of the four cardinal compass directions. Adsorbed soil contamination must be characterized for the following constituents using the associated laboratory methods: benzene, toluene, ethylbenzene, and total xylenes by either Method 8260 or 8021, total petroleum hydrocarbons by Method 8015 extended range (GRO+DRO+MRO; C₆ thru C₃₆), and for chloride by Method 300. This is not an exclusive list of potential contaminants. Analyzed parameters should be modified based on the nature of the released substance(s). Soil sampling must be both within the impacted area and beyond.

• Vertical delineation of soil impacts. Adsorbed soil contamination must be characterized for the following constituents using the associated laboratory methods: benzene, toluene, ethylbenzene, and total xylenes by either Method 8260 or 8021, total petroleum hydrocarbons by Method 8015 extended range (GRO+DRO+MRO; C₆ thru C₃₆), and for chloride by Method 300. As above, this is not an exclusive list of potential contaminants and can be modified. Vertical characterization samples should be taken at depth intervals no greater than five feet apart. Lithologic description of encountered soils must also be provided. At least ten vertical feet of soils with contaminant concentrations at or below these values must be demonstrated as existing above the water table.

Nominal detection limits for field and laboratory analyses must be provided.

Composite sampling is not generally allowed.

• Field screening and assessment techniques are acceptable (headspace, titration, EC [include algorithm for validation purposes], EM, etc.), but the sampling and assay procedures must be clearly defined. Copies of field notes are highly desirable. A statistically significant set of split samples must be submitted for confirmatory laboratory analysis, including the laterally farthest and vertically deepest sets of soil samples. Make sure there are at least two soil samples submitted

for laboratory analysis from each borehole or test pit (highest observed contamination and deepest depth investigated). Copies of the actual laboratory results must be provided including chain of custody documentation.

•Probable depth to shallowest protectable groundwater and lateral distance to nearest surface water. If there is an estimate of groundwater depth, the information used to arrive at that estimate must be provided. If there is a reasonable assumption that the depth to protectable water is 50 feet or less, the responsible party should anticipate the need for at least one groundwater monitoring well to be installed in the area of likely maximum contamination.

• If groundwater contamination is encountered, an additional investigation workplan may be required to determine the extents of that contamination. Groundwater and/or surface water samples, if any, must be analyzed by a competent laboratory for volatile organic hydrocarbons (typically Method 8260 full list), total dissolved solids, pH, major anions and cations including chloride and sulfate, dissolved iron, and dissolved manganese. The investigation workplan must provide the groundwater sampling method(s) and sample handling protocols. To the fullest extent possible, aqueous analyses must be undertaken using nominal method detection limits. As with the soil analyses, copies of the actual laboratory results must be provided including chain of custody documentation.

• Accurately scaled and well-drafted site maps must be provided providing the location of borings, test pits, monitoring wells, potentially impacted areas, and significant surface features including roads and site infrastructure that might limit either the release characterization or remedial efforts. Field sketches may be included in subsequent reporting, but should not be considered stand-alone documentation of the site's layout. Digital photographic documentation of the location and fieldwork is recommended, especially if unusual circumstances are encountered.

Nothing herein should be interpreted to preclude emergency response actions or to imply immediate remediation by removal cannot proceed as warranted. Nonetheless, characterization of impacts and confirmation of the effectiveness of remedial efforts must still be provided to the OCD before any release incident will be closed.

Jim Griswold OCD Environmental Bureau Chief 1220 South St. Francis Drive Santa Fe, New Mexico 87505 505-476-3465 jim.griswold@state.nm.us