From:	Dan Gibson <dgibson@kcharvey.com></dgibson@kcharvey.com>
Sent:	Thursday, November 30, 2017 10:27 AM
То:	Bratcher, Mike, EMNRD
Cc:	Chase Settle (chase_settle@eogresources.com)
Subject:	Gulf KC State #1 - 2RP-168
Attachments:	Gulf KC State Com #1.pdf

Mike –

Chase Settle has requested KC Harvey Environmental, LLC (KCH) assist EOG is closing the subject release incident. I've attached what information I could find from the OCD on-line files. The C-141 indicates that area was excavated and that soil samples were collected. I have not been able to find anything that indicates the sample results were submitted to OCD. If this is the case, I would like to call you to discuss a plan to address the remaining concerns for this site. I'll give you a call this afternoon. If you have a specific time that works better for you, please let me know.

Thanks,

Daniel K. Gibson, P.G. Regional Manager

KC Harvey Environmental, LLC 7 Sunnygrove Drive Odessa, Texas 79761 USA

Mobile: 432-312-7717 www.kcharvey.com



District I 1625 N. French I		/2024 7:23:4		-		New Mex		MAY	- 2 20	108		Form C-
District II				Energy M	linerals	and Natura	al Resources	OCD-ARTESIA			Runnerd October 10, 20	
1000 D \cdots D \cdots 1 A \cdots 1 NM 97410			Conse	rvation Di	vision	UUL	р-Акіс	SI/Su	þmit 2 Copie	es to appropr		
			122	0 Sout	h St. Franc	cis Dr.					e in accorda ule 116 on b	
220 S St Franc	cis Dr., Santa	Fe, NM 87505		S	Santa F	e, NM 875	505					side of f
3EB0814	157019	9	Re	lease Notifi	catio	n and Co	orrective A	ction				· · · ·
CSEB031	415685	57 83 tes Petroleun						•••••	_			
NEBLA	141565	83	Campana	tion			DPERATOR ke Stubblefield		X	<u>Clnitia</u>	Report	Final R
Address 105	South 4^{th}	Street, Artes	ia NM 8	88210			No. 505-748450	0 505-5	13-1712			
		C State #1 30					be Tank Battery					
Surfage Ou	non Fort St	(Mineral (Lease	No		
Surface Ow	ner_r-ee _	TATE		Mineral	Jwner S	late			Lease	INO.	<u> </u>	
	1					N OF RE						nan ana ang ang ang ang ang ang ang ang
Unit Letter C	Section	Township 18s	Range	Feet from the 660°	North FNL	/South Line	Feet from the 1980'	East/V FWL	West Line	Cou Edd		
C	10	105	2.50	000			1700			Luu		
			Lat	titude 32.75387	Loi	ngitude 104	1 52654					
			La									
T 6D 1		1		NA	TURE	OF REL			N/	D	 	
i ype of Relea	ise Produced	d water & cond	iensate.			Volume of 19 bbls pro	Refease	bbl	Volume 0	кесоче	rea 	
						condensate						
Source of Rel	ease Gun Ba	arrel				Date and H	lour of Occurrence	e	Date and	Hour o	f Discovery	
						4/28/2008			4/28/200			
											1	
Was Immedia	te Notice Gi		s No Y	Not Required		If YES, To						
	te Notice Gi	iven? Ye:	s No X	K Not Required		If YES, To	Whom					
By Whom?		Ye:	s No X	K Not Required		If YES, To Date and H	Whom Iour	ne Watero	course			
By Whom?		Yes ned?	s No X Yes X N			If YES, To Date and H	Whom	ne Watero	course.			
By Whom? Was a Watere	ourse Reach	Ye:	Yes X N			If YES, To Date and H	Whom Iour	ne Watero	course.			
By Whom? Was a Watere	ourse Reach	Yes ned?	Yes X N			If YES, To Date and H	Whom Iour	ne Watero	course.			
By Whom? Was a Watere	ourse Reach	Ye:	Yes X N			If YES, To Date and H	Whom Iour	ne Watero	course.			
By Whom'? Was a Waterc If a Watercour	ourse Reach rse was Imp	Ye:	Yes X N e Fully *	io		If YES, To Date and H	Whom Iour	ne Watero	course.			
By Whom'? Was a Waterc If a Watercour Describe Caus	ourse Reach rse was Imp se of Probler	Ye: ned?	Yes X N e Fully * al Action 7	io Faken.*		If YES, To Date and H If YES, Vo	Whom lour lume Impacting th	Ne Watero	course.			
By Whom'? Was a Waterc If a Watercour Describe Caus	ourse Reach rse was Imp se of Probler	Ye: ned?	Yes X N e Fully * al Action 7	io	vas repai	If YES, To Date and H If YES, Vo	Whom lour lume Impacting th	ne Watero	course.			
By Whom? Was a Watercoul If a Watercoul Describe Caus The water leg Describe Arca	ourse Reach rse was Imp se of Probler on gun barr a Affected ar	Ye: ned?	Yes X N e Fully * al Action T b high winc	lo laken.* ds The water leg v 1.*		If YES, To Date and H If YES, Vo	Whom lour lume Impacting th lume Impacting th					
By Whom? Was a Watercoun If a Watercoun Describe Caus The water leg Describe Area The impacted	ourse Reach rse was Imp se of Probler on gun barr a Affected ar area was loc	Yes ned?	Yes X N e Fully * al Action T b high winc tion Taken ttery area a	lo l'aken.* ds The water leg v 1.* around the gun barn	rel and a	If YES, To Date and H If YES, Vo red on the gun	Whom lour loure Impacting th loure Impacting th source is the set of on the east side of	the batter	ry. The bat	tery are	a was partua	ly bermed. T
By Whom? Was a Watercoun If a Watercoun Describe Caus The water leg Describe Area The impacted pasture on the	ourse Reach rse was Imp se of Probler on gun barr a Affected ar area was loo eastside of	Yes ned?	Yes X N e Fully * al Action T b high winc ttion Taken ttery area a s impacted.	lo Faken.* ds The water leg v n.* round the gun barn . This area measur	rel and a ed to be	If YES, To Date and H If YES, Vo red on the gun long the berm 15' x 30'. The	Whom lour loure Impacting th loure Impacting th barrel. on the eastside of impacted soil loc	the batter	ry. The bat	med are	a of the batt	ery was
By Whom? Was a Watercound If a Watercound Describe Caus The water leg Describe Area The impacted pusture on the excavated Re second party 1	ourse Reach rse was Imp se of Probler on gun barr a Affected ar area was loo eastside of 1 moved soils ab & analys.	Yes ned? acted, Describ m and Remedia el broke due to nd Cleanup Ac cated in the bas the battery was were placed o is ran for TPH	Yes X N e Fully * al Action T high winc ttion Taken ttery area a s impacted m a liner se & B-TEX	faken.* ds The water leg v n.* round the gun barn . This area measur et on the location. and Chlorides. If	rel and a ed to be Soil sarr the initia	If YES, To Date and H If YES, Vo red on the gun long the berm 15° x 30°. The uples will be ta l analytical res	Whom lout lout Impacting th lume Impacting th barrel. on the eastside of impacted soil loc iken for analytical sults find the TPH	the batter ated with from the & B-TEJ	ry. The bat -in the ber impacted a X to be ove	med are areas S er the R	a of the batt oil samples RAL. A wor	ery was will be sent k plan will
By Whom? Was a Watercound If a Watercound Describe Caus The water leg Describe Area The impacted pasture on the excavated Re second party I submitted to C	ourse Reach rse was Imp se of Probler on gun barr a Affected ar area was loo eastside of 1 moved soils ab & analys. DCD for the	Yes ned? acted, Describ m and Remedi- el broke due to nd Cleanup Ac cated in the bar the battery was were placed o is ran for TPH correction of t	Yes X N e Fully * al Action T high winc tion Taken ttery area a s impacted m a liner se & B-TEX he hydroca	faken.* ds The water leg v h.* rround the gun barn . This area measur et on the location. and Chlorides. If arbons. When Anal	rel and a ed to be Soil sau the initia lytical re	If YES, To Date and H If YES, Vo red on the gun long the berm 15' x 30'. The uples will be ta 1 analytical res sults reflect th	Whom lout lout Impacting th lume Impacting th barrel. on the eastside of impacted soil loc iken for analytical sults find the TPH e TPH & B-tex to	the batter ated with from the & B-TE be under	ry. The bat -in the beri impacted a X to be ove the RRAL	med are areas S er the R 2. A fina	of the batt oil samples RAL. A wor ALC-141 for	ery was will be sent k plan will n will be
By Whom? Was a Watercound If a Watercound Describe Caus The water leg Describe Area The impacted pasture on the excavated Re second party I submitted to C	ourse Reach rse was Imp se of Probler on gun barr a Affected ar area was loo eastside of 1 moved soils ab & analys. DCD for the	Yes ned? acted, Describ m and Remedi- el broke due to nd Cleanup Ac cated in the bar the battery was were placed o is ran for TPH correction of t	Yes X N e Fully * al Action T high winc tion Taken ttery area a s impacted m a liner se & B-TEX he hydroca	faken.* ds The water leg v n.* round the gun barn . This area measur et on the location. and Chlorides. If	rel and a ed to be Soil sau the initia lytical re	If YES, To Date and H If YES, Vo red on the gun long the berm 15' x 30'. The uples will be ta 1 analytical res sults reflect th	Whom lout lout Impacting th lume Impacting th barrel. on the eastside of impacted soil loc iken for analytical sults find the TPH e TPH & B-tex to	the batter ated with from the & B-TE be under	ry. The bat -in the beri impacted a X to be ove the RRAL	med are areas S er the R 2. A fina	of the batt oil samples RAL. A wor ALC-141 for	ery was will be sent k plan will n will be
Was a Watercour If a Watercour Describe Caus The water leg Describe Area The impacted pasture on the excavated Re second party I submitted to C submitted to the actions taken. Depth to groun	ourse Reach rse was Imp se of Problet on gun barr Affected ar area was loc eastside of 1 moved soils ab & analys. DCD for the he OCD requ nd water > 1	Ye: ned? acted, Describ m and Remedia el broke due to nd Cleanup Ace cated in the bar the battery wa: were placed o is ran for TPH correction of t uesting closure 00°, Wellhead	Yes X N e Fully * al Action T b high winc tion Taken ttery area a s impacted in a liner se & B-TEX he hydroca e for the rel protection	lo laken.* ds The water leg v h.* round the gun barn . This area measur et on the location. and Chlorides. If arbons. When Anal lease that occurred h area > 1000'. Dis	rel and a ed to be Soil sau the initia lytical re on 4/28, tance to	If YES, To Date and H If YES, Vo red on the gun long the berm 15° x 30°. The ples will be ta l analytical res sults reflect th /2008 Final ar surface water	Whom lout Jume Impacting th Jume Impacting th harrel. on the eastside of impacted soil loc iken for analytical sults find the TPH e TPH & B-tex to nalytical results fo body > 1000' Site	the batter ated with from the & B-TE. be under r the Chlo ranking	ry. The bat -in the bern impacted a X to be ove the RRAL orides will 0	med are areas S er the R A fina be eval	a of the batt oil samples RAL. A wor al C-141 for uated and ar	ery was will be sent k plan will n will be propriate
By Whom? Was a Watercound If a Watercound Describe Caus The water leg Describe Area The impacted pasture on the excavated Re second party I submitted to C submitted to C submitted to the actions taken. Depth to groun I hereby certif	ourse Reach rse was Imp se of Probler on gun barr Affected ar area was loc eastside of moved soils ab & analys DCD for the he OCD requ nd water > 1 y that the in	Yes ned? acted, Describ m and Remedia el broke due to nd Cleanup Ac cated in the battery was were placed o is ran for TPH correction of t uesting closure 100°, Wellhead formation give	Yes X N e Fully * al Action T b high winc tion Taken ttery area a s impacted, on a liner se & B-TEX he hydroca e for the rel protection en above 18	Faken.* ds The water leg v h.* round the gun barn . This area measur et on the location. and Chlorides. If arbons. When Anal lease that occurred h area > 1000', Dis true and complete	rel and a ed to be Soil sam the initia lytical re on 4/28 tance to	If YES, To Date and H If YES, Vo If YES, Vo red on the gun long the berm 15' x 30'. The analytical res sults reflect th /2008 Final an surface water est of my know	Whom Note: Whom	the batter ated with from the & B-TE be under r the Chlo ranking tand that	ry. The bat -in the bern impacted a X to be ove the RRAL orides will 0 pursuant to	med are areas S er the R A fina be eval	a of the batt oil samples RAL. A wor al C-141 forn uated and ap CD rules and	ery was will be sent k plan will n will be propriate I regulation
By Whom? Was a Watercound If a Watercound Describe Caus The water leg Describe Area The impacted pasture on the excavated Re second party 1 submitted to C submitted to the actions taken. Depth to ground I hereby certifiall operators a	ourse Reach rse was Imp se of Probler on gun barr Affected ar area was loc eastside of f moved soils ab & analys: DCD for the he OCD requined water > 1 y that the in re required t	Yes ned? acted, Describ acted, Describ m and Remedia cl broke due to nd Cleanup Ac cated in the bar the battery was were placed o is ran for TPH correction of t uesting closure 100°, Wellhead formation give to report and/o	Yes X N e Fully * al Action T b high winc tion Taken ttery area a s impacted m a liner se & B-TEX he hydroca e for the rel protection m above is r file certai	Faken.* ds The water leg v h.* round the gun barr . This area measur et on the location. and Chlorides. If the arbons. When Anal lease that occurred h area > 1000'. Dis true and complete un release notificat	rel and a ed to be Soil sam the initia lytical re on 4/28. tance to to the b- ions and	If YES, To Date and H If YES, Vo If YES, Vo red on the gun long the berm 15' x 30'. The uples will be ta l analytical res sults reflect th /2008 Final an surface water est of my knov perform corre	Whom Iour Ioure Impacting th Ioure Impacting th Ioure Impacting th I barrel. I bar	the batter ated with from the & B-TE: be under r the Chlo ranking tand that eleases w	ry. The bat -in the bern impacted a X to be over the RRAL orides will 0 pursuant to hich may e	med are areas S er the R A fina be eval	a of the batt oil samples RAL. A wor al C-141 for uated and ap CD rules and public heat	ery was will be sent k plan will n will be propriate I regulation th or the
By Whom? Was a Watercound If a Watercound Describe Caus The water leg Describe Area The impacted pasture on the excavated Re second party 1 submitted to C submitted to C submitted to the actions taken. Depth to ground I hereby certiff all operators a environment. failed to adequ	ourse Reach rse was Imp se of Probler on gun barro a Affected ar area was loo eastside of 1 moved soils ab & analys. DCD for the he OCD requ nd water > 1 y that the in re required t The accepta uately invest	Yes ned? acted, Describ acted, Describ m and Remedia el broke due to nd Cleanup Ac cated in the bar the battery was were placed o is ran for TPH correction of t uesting closure 10°, Wellhead formation give to report and/o nice of a C-14 tgate and reme	Yes X N e Fully * al Action T b high winc tion Taken ttery area a s impacted m a liner se & B-TEX he hydroca e for the rel protection m above is r file certai I report by ediate conta	Faken.* ds The water leg v h.* round the gun barn . This area measur et on the location. and Chlorides. If arbons. When Anal lease that occurred n area > 1000'. Dis true and complete in release notificat the NMOCD mari amination that pos	rel and a ed to be Soil saur the initia lytical re on 4/28. tance to to the b ions and ked as "I e a threa	If YES, To Date and H If YES, Vo If YES, Vo red on the gun long the berm 15' x 30'. The ples will be ta l analytical res sults reflect th /2008 Final ar surface water est of my know perform corre Final Report" of t to ground wa	Whom Iour Ioure Impacting th Ioure Impacting th Ioure Impacting th I barrel. I bar	the battee ated with from the & B-TE: be under r the Chlo ranking tand that eleases w e operato human h	ry. The bat -in the bern impacted at the RRAL orides will 0 pursuant to hich may e r of liabilit tealth or th	med areas S areas S er the R A fina be eval o NMO endange y shoul e enviro	a of the batu oil samples RAL. A wor al C-141 forr uated and ar CD rules and r public heat d their opera	ery was will be sent k plan will be propriate l regulation: th or the tions have ddition,
By Whom? Was a Watercound If a Watercound Describe Caus The water leg Describe Area The impacted pasture on the excavated Re second party 1 submitted to C submitted to C submitted to the actions taken. Depth to ground I hereby certiff all operators a environment. failed to adequ	ourse Reach rse was Imp se of Probler on gun barro a Affected ar area was loo eastside of 1 moved soils ab & analys. DCD for the he OCD requ nd water > 1 y that the in re required t The accepta uately invest	Yes ned? acted, Describ acted, Describ m and Remedia el broke due to nd Cleanup Ac cated in the bar the battery was were placed o is ran for TPH correction of t uesting closure 10°, Wellhead formation give to report and/o nice of a C-14 tgate and reme	Yes X N e Fully * al Action T b high winc tion Taken ttery area a s impacted m a liner se & B-TEX he hydroca e for the rel protection m above is r file certai I report by ediate conta	Faken.* ds The water leg v around the gun barn . This area measur et on the location. and Chlorides. If the arbons. When Anal lease that occurred in area > 1000'. Dis true and complete in release notificat the NMOCD mark	rel and a ed to be Soil saur the initia lytical re on 4/28. tance to to the b ions and ked as "I e a threa	If YES, To Date and H If YES, Vo If YES, Vo red on the gun long the berm 15' x 30'. The ples will be ta l analytical res sults reflect th /2008 Final an surface water est of my know perform corre Final Report" of t to ground wa	Whom Iour Ioure Impacting the olume Impacting the solution Impacting the impacted soil loc impacted soil loc iken for analytical sults find the TPH e TPH & B-tex to nalytical results for body > 1000' Site vledge and underse ctive actions for re- does not relieve the ter, surface water, npliance with any	the batter ated with from the & B-TE be under r the Chle ranking tand that eleases we operato human h other fee	ry. The bat -in the bern impacted a X to be ove the RRAL orides will 0 pursuant to hich may e r of liabilit tealth or th leral. state.	med areas S areas S er the R A fina be eval o NMO endange y shoul e enviro or loca	a of the batt oil samples RAL. A wor al C-141 forr uated and ar cD rules and r public heat d their opera pament. In a l laws and/o	ery was will be sent k plan will be propriate l regulations th or the tions have ddition,
By Whom? Was a Watercound If a Watercound Describe Caus The water leg Describe Area The impacted pasture on the excavated Re second party 1 submitted to C submitted to C submitted to the actions taken. Depth to ground I hereby certiff all operators a environment. failed to adequ	ourse Reach rse was Imp se of Probler on gun barro a Affected ar area was loo eastside of 1 moved soils ab & analys. DCD for the he OCD requ nd water > 1 y that the in re required t The accepta uately invest	Yes ned? acted, Describ acted, Describ m and Remedia el broke due to nd Cleanup Ac cated in the bar the battery was were placed o is ran for TPH correction of t uesting closure 10°, Wellhead formation give to report and/o nice of a C-14 tgate and reme	Yes X N e Fully * al Action T b high winc tion Taken ttery area a s impacted m a liner se & B-TEX he hydroca e for the rel protection m above is r file certai I report by ediate conta	Faken.* ds The water leg v h.* round the gun barn . This area measur et on the location. and Chlorides. If arbons. When Anal lease that occurred n area > 1000'. Dis true and complete in release notificat the NMOCD mari amination that pos	rel and a ed to be Soil saur the initia lytical re on 4/28. tance to to the b ions and ked as "I e a threa	If YES, To Date and H If YES, Vo If YES, Vo red on the gun long the berm 15' x 30'. The ples will be ta l analytical res sults reflect th /2008 Final an surface water est of my know perform corre Final Report" of t to ground wa	Whom Iour Ioure Impacting th Ioure Impacting th Ioure Impacting th I barrel. I bar	the batter ated with from the & B-TE be under r the Chle ranking tand that eleases we operato human h other fee	ry. The bat -in the bern impacted a X to be ove the RRAL orides will 0 pursuant to hich may e r of liabilit tealth or th leral. state.	med areas S areas S er the R A fina be eval o NMO endange y shoul e enviro or loca	a of the batt oil samples RAL. A wor al C-141 forr uated and ar cD rules and r public heat d their opera pament. In a l laws and/o	ery was will be sent k plan will be propriate l regulations th or the tions have ddition,
By Whom? Was a Watercound If a Watercound Describe Caus The water leg Describe Area The impacted pasture on the excavated Re second party I submitted to C submitted to the actions taken. Depth to groum I hereby certifi all operators a environment. failed to adequ NMOCD acce	ourse Reach rse was Imp se of Probler on gun barry Affected ar area was loc eastside of 1 moved soils ab & analys. DCD for the be OCD requ nd water > 1 y that the in re required t The accepta iately invest ptance of a 0	Yes ned? acted, Describ acted, Describ m and Remedia cl broke due to nd Cleanup Ac cated in the bas the battery was were placed o is ran for TPH correction of t uesting closure 100°, Wellhead formation give to report and/o ince of a C-14 igate and reme C-141 report d	Yes X N e Fully * al Action T b high winc tion Taken ttery area a s impacted m a liner se & B-TEX he hydroca e for the rel protection m above is r file certai I report by ediate conta	Faken.* ds The water leg v h.* round the gun barn . This area measur et on the location. and Chlorides. If arbons. When Anal lease that occurred n area > 1000'. Dis true and complete in release notificat the NMOCD mari amination that pos	rel and a ed to be Soil sam the initia lytical re on 4/28. tance to to the b- ions and ked as "I e a threa of respon	If YES, To Date and H If YES, Vo If YES, Vo red on the gun long the berm 15' x 30'. The uples will be ta l analytical res sults reflect th /2008 Final an surface water est of my know perform corre Final Report" of t to ground wa sibility for cor	whom lout loure Impacting th loure Impacting th a barrel. on the eastside of impacted soil loc iken for analytical sults find the TPH e TPH & B-tex to nalytical results fo body > 1000' Site vledge and unders active actions for re- does not relieve that ther, surface water, mpliance with any <u>OIL CON</u>	the batter ated with from the & B-TE: be under r the Chlo ranking tand that eleases w e operato human h other fed	ry. The bat -in the beri impacted a X to be over the RRAL orides will 0 pursuant to hich may e r of liabilit health or the leral, state, ATION	med are areas S er the R A fina be eval o NMO endange y shoul e enviro or loca DIV	a of the batt oil samples RAL. A wor al C-141 forr uated and ar cD rules and r public heat d their opera pament. In a l laws and/o	ery was will be sent t k plan will be propriate l regulations th or the tions have ddition,
By Whom? Was a Watercound If a Watercound Describe Caus The water leg Describe Area The impacted pasture on the excavated Re second party I submitted to C submitted to C submitted to to actions taken. Depth to ground I hereby certifia all operators a environment. failed to adequ NMOCD acce	ourse Reach rse was Imp se of Probler on gun barry a Affected ar area was loc eastside of 1 moved soils ab & analys DCD for the he OCD requ nd water > 1 y that the in re required t The accepta lately invest ptance of a 0	Yes ned? acted, Describ acted, Describ m and Remedia cl broke due to nd Cleanup Ac cated in the bar the battery was were placed o is ran for TPH correction of t uesting closure 100°. Wellhead formation give to report and/o nnce of a C-14 igate and reme C-141 report d	Yes X N e Fully * al Action T b high winc tion Taken ttery area a s impacted m a liner se & B-TEX he hydroca e for the rel protection m above is r file certau l report by ediate conta	Faken.* ds The water leg v h.* round the gun barn . This area measur et on the location. and Chlorides. If arbons. When Anal lease that occurred n area > 1000'. Dis true and complete in release notificat the NMOCD mari amination that pos	rel and a ed to be Soil sam the initia lytical re on 4/28. tance to to the b- ions and ked as "I e a threa of respon	If YES, To Date and H If YES, Vo If YES, Vo red on the gun long the berm 15' x 30'. The uples will be ta l analytical res sults reflect th /2008 Final an surface water est of my know perform corre Final Report" of t to ground wa sibility for cor	whom lout loure Impacting th loure Impacting th a barrel. on the eastside of impacted soil loc iken for analytical sults find the TPH e TPH & B-tex to nalytical results fo body > 1000' Site vledge and unders active actions for re- does not relieve that ther, surface water, mpliance with any <u>OIL CON</u>	the batter ated with from the & B-TE: be under r the Chlo ranking tand that eleases w e operato human h other fed	ry. The bat -in the beri impacted a X to be over the RRAL orides will 0 pursuant to hich may e r of liabilit health or the leral, state, ATION	med are areas S er the R A fina be eval o NMO endange y shoul e enviro or loca DIV	a of the batt oil samples RAL. A wor al C-141 forr uated and ar cD rules and r public heat d their opera pament. In a l laws and/o	ery was will be sent t k plan will be propriate l regulations th or the tions have ddition,
B) Whom? Was a Watercound If a Watercound Describe Caus The water leg Describe Area The impacted pasture on the excavated Re second party I submitted to C submitted to C submitted to the actions taken. Depth to ground I hereby certification I hereby certification I hereby certification I hereby certification MOCD acce	ourse Reach rse was Imp se of Probler on gun barry a Affected ar area was loc eastside of 1 moved soils ab & analys DCD for the he OCD requ nd water > 1 y that the in re required t The accepta lately invest ptance of a 0	Yes ned? acted, Describ acted, Describ m and Remedia cl broke due to nd Cleanup Ac cated in the bar the battery was were placed o is ran for TPH correction of t uesting closure 100°. Wellhead formation give to report and/o nnce of a C-14 igate and reme C-141 report d	Yes X N e Fully * al Action T b high winc tion Taken ttery area a s impacted m a liner se & B-TEX he hydroca e for the rel protection m above is r file certau l report by ediate conta	Faken.* ds The water leg v h.* round the gun barn . This area measur et on the location. and Chlorides. If arbons. When Anal lease that occurred n area > 1000'. Dis true and complete in release notificat the NMOCD mari amination that pos	rel and a ed to be Soil sam the initia lytical re on 4/28. tance to to the b- ions and ked as "I e a threa of respon	If YES, To Date and H If YES, Vo If YES, Vo red on the gun long the berm 15' x 30'. The uples will be ta l analytical res sults reflect th /2008 Final an surface water est of my know perform corre Final Report" of t to ground wa sibility for cor	Whom Iour Ioure Impacting the olume Impacting the solution Impacting the impacted soil loc impacted soil loc iken for analytical sults find the TPH e TPH & B-tex to nalytical results for body > 1000' Site vledge and underse ctive actions for re- does not relieve the ter, surface water, npliance with any	the batter ated with from the & B-TE: be under r the Chlo ranking tand that eleases w e operato human h other fed	ry. The bat -in the beri impacted a X to be over the RRAL orides will 0 pursuant to hich may e r of liabilit health or the leral, state, ATION	med are areas S er the R A fina be eval o NMO endange y shoul e enviro or loca DIV	a of the batt oil samples RAL. A wor al C-141 forr uated and ar cD rules and r public heat d their opera pament. In a l laws and/o	ery was will be sent t k plan will be propriate l regulations th or the tions have ddition,
By Whom? Was a Watercoun If a Watercoun Describe Caus The water leg Describe Area The impacted pasture on the excavated Re second party 1 submitted to C submitted to t actions taken. Depth to groun I hereby certif all operators a environment. failed to adequ	ourse Reach rse was Imp se of Probler on gun barro a Affected ar area was loo eastside of 1 moved soils ab & analys. DCD for the he OCD requ nd water > 1 y that the in re required t The accepta inter end the construction the accepta inter end the construction inter end the construction inter end the construction the accepta inter end the construction the accepta inter end the construction the accepta inter end the construction the accepta inter end the construction the accepta inter end the accepta inter end th	Yes ned? acted, Describ m and Remedia cl broke due to nd Cleanup Acc cated in the bar the battery was were placed o is ran for TPH correction of t uesting closure 00°. Wellhead formation give to report and/o nice of a C-14 tigate and reme C-141 report d	Yes X N e Fully * al Action T b high winc tion Taken ttery area a s impacted m a liner se & B-TEX he hydroca e for the rel protection m above is r file certau l report by ediate conta	Faken.* ds The water leg v h.* round the gun barn . This area measur et on the location. and Chlorides. If arbons. When Anal lease that occurred n area > 1000'. Dis true and complete in release notificat the NMOCD mari amination that pos	rel and a ed to be Soil sam the initia lytical re on 4/28 tance to to the bi ions and ked as "I e a threa of respon	If YES, To Date and H If YES, Vo If YES, Vo red on the gun long the berm 15' x 30'. The uples will be ta l analytical res sults reflect th /2008 Final an surface water est of my know perform corre Final Report" of t to ground wa sibility for cor	Whom Iour Ioure Impacting the olume Impacting the barrel. on the eastside of impacted soil loc iken for analytical sults find the TPH e TPH & B-tex to nalytical results for body > 1000' Site vledge and underse to crive actions for re- does not relieve the ter, surface water, npliance with any <u>OIL CON</u> District Superviso	the batter ated with from the & B-TE: be under r the Chlo ranking tand that eleases w e operato human h other fed ISERV	ry. The bat -in the beri impacted a X to be over the RRAL orides will 0 pursuant to hich may e r of liabilit health or the leral, state, ATION	med are areas S er the R A fina be eval o NMO endange y shoul e enviro or loca DIV	a of the batt oil samples RAL. A wor al C-141 forn uated and ap public head their opera d their opera laws and/oi SION	ery was will be sent t k plan will b n will be propriate l regulations th or the tions have ddition,
B) Whom? Was a Watercound If a Watercound Describe Caus The water leg Describe Area The impacted pasture on the excavated Re second party I submitted to C submitted to C submitted to the actions taken. Depth to ground I hereby certifiall operators a environment. failed to adequ NMOCD acce Signature: Printed Name Title Environ	ourse Reach rse was Imp se of Probler on gun barry a Affected ar area was loc eastside of 1 moved soils ab & analys. DCD for the he OCD requ nd water > 1 y that the in re required t The accepta atacly invest ptance of a 0 Mike Stubb mental Regu	Yes ned? acted, Describ acted, Describ m and Remedia cl broke due to nd Cleanup Ac cated in the bar the battery was were placed o is ran for TPH correction of t uesting closure 100°, Wellhead formation give to report and/o nec of a C-14 igate and reme C-141 report d Descent	Yes X N e Fully * al Action T b high winc tion Taken ttery area a s impacted m a liner se & B-TEX he hydroca e for the rel protection m above is r file certau l report by ediate conta	Faken.* ds The water leg v h.* round the gun barn . This area measur et on the location. and Chlorides. If arbons. When Anal lease that occurred n area > 1000'. Dis true and complete in release notificat the NMOCD mari amination that pos	rel and a ed to be Soil sam the initia lytical re on 4/28 tance to to the bi ions and ked as "I e a threa of respon	If YES, To Date and H If YES, Vo If YES, Vo red on the gun long the berm 15' x 30'. The ples will be ta l analytical res sults reflect th /2008 Final an surface water est of my know perform corre final Report" of to ground wa sibility for corr Approved by I	Whom Iour Ioure Impacting the olume Impacting the barrel. on the eastside of impacted soil loc iken for analytical sults find the TPH e TPH & B-tex to nalytical results for body > 1000' Site vieldge and underse ctive actions for re- does not relieve the iter, surface water, npliance with any <u>OIL CON</u> District Superviso e. 63.05	the batter ated with from the & B-TE: be under r the Chlo ranking tand that eleases w e operato human h other fed ISERV	ry. The bat -in the bern impacted a the RRAL orides will 0 pursuant to hich may e r of liabilit tealth or th leral, state. ATION	med are areas S er the R A fina be eval o NMO endange y shoul e enviro or loca DIV	a of the batt oil samples RAL. A wor al C-141 forn uated and ap public head their opera d their opera laws and/oi SION	ery was will be sent t k plan will b n will be propriate l regulations th or the tions have ddition,
By Whom? Was a Watercound If a Watercound Describe Caus The water leg Describe Area The impacted pasture on the excavated Re excavated to the actions taken. Depth to groun I hereby certif all operators a environment. failed to adequ NMOCD acce Signature: The Printed Name	ourse Reach rse was Imp se of Probler on gun barry a Affected ar area was loc eastside of 1 moved soils ab & analys. DCD for the he OCD requ nd water > 1 y that the in re required t The accepta atacly invest ptance of a 0 Mike Stubb mental Regu	Yes ned? acted, Describ acted, Describ m and Remedia cl broke due to nd Cleanup Ac cated in the bar the battery was were placed o is ran for TPH correction of t uesting closure 100°, Wellhead formation give to report and/o nec of a C-14 igate and reme C-141 report d Descent	Yes X N e Fully * al Action T b high winc tion Taken ttery area a s impacted m a liner se & B-TEX he hydroca e for the rel protection m above is r file certau l report by ediate conta	Faken.* ds The water leg v h.* round the gun barn . This area measur et on the location. and Chlorides. If arbons. When Anal lease that occurred n area > 1000'. Dis true and complete in release notificat the NMOCD mari amination that pos	rel and a ed to be Soil sam the initia lytical re on 4/28 tance to to the bi ions and ked as "I e a threa of respon	If YES, To Date and H If YES, Vo If YES, Vo red on the gun long the berm 15' x 30'. The ples will be ta l analytical res sults reflect th /2008 Final an surface water est of my know perform corre Final Report" or t to ground wa sibility for corr Approved by	Whom Iour Ioure Impacting the olume Impacting the barrel. on the eastside of impacted soil loc iken for analytical sults find the TPH e TPH & B-tex to nalytical results for body > 1000' Site vieldge and underse ctive actions for re- does not relieve the iter, surface water, npliance with any <u>OIL CON</u> District Superviso e. 63.05	the batter ated with from the & B-TE: be under r the Chlo ranking tand that eleases w e operato human h other feet ISERV	ry. The bat -in the bern impacted a X to be over the RRAL orides will 0 pursuant to hich may e r of liabilit tealth or the leral, state, ATION	med areas Ser the R A fina be eval o NMO endange y shoul e enviro or loca DIV	a of the batt oil samples RAL. A wor al C-141 forn uated and ap public head their opera d their opera laws and/oi SION	ery was will be sent t k plan will b n will be propriate I regulations th or the tions have ddition, regulations

.

Released to Imaging: 8/20/2024 7:25:02 AM

Received by OCD: 8/20/2024 7:23:41 AM

and the second second

New Mexico Energy, Minerals and Natural Resources Department

Bill Richardson Governor

Joanna Prukop Cabinet Secretary Reese Fullerton Deputy Cabinet Secretary Mark Fesmire Division Director Oil Conservation Division



June 3, 2008

Yates Petroleum Corporation Attn: Mike Stubblefield 105 S 4th Street Artesia, NM 88210

Reference: Gulf KC State Com 001 C-18-18S-25E 30 015 22728 Eddy County, New Mexico 2RP-168

Operator,

The New Mexico Oil Conservation Division District 2 Office (OCD) is in receipt of an Initial Report C-141 for a release of produced water and condensate occurring at the above referenced facility on April 28, 2008. Included on the C-141 is a plan for remediation actions.

The plan is accepted with the following stipulations:

- Contaminated soils within the bermed area and the reported approximate 450 square feet pasture area shall be remediated so that residual contaminant concentrations are below the recommended soil remediation action levels. Confirmation soil samples reflecting TPH, BTEX, and chloride constituents will be required.
- Notify the OCD 48 hours prior to obtaining samples where analyses are to be submitted to the OCD.
- · Remediation requirements may be subject to change as site conditions warrant.
- Results of analytical data obtained through sampling shall be forwarded to OCD for approval prior to
 any backfilling activities.
- A final Report C-141 is to be submitted to the OCD upon satisfactory completion of remediation project.
- Remediation to be completed on or before August 1, 2008.

Please be advised that NMOCD acceptance of this plan does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of this plan does not relieve the operator of responsibility for compliance with any other federal, state, local laws and/or regulations.

Respectfully,

Sherry Bonham NMOCD District 2 1301 W Grand Avenue Artesia, NM 88210 575.748.1283 ext. 109 sherry.bonham@state.nm.us

From:Dan Gibson <dgibson@kcharvey.com>Sent:Friday, December 8, 2017 4:46 PMTo:Bratcher, Mike, EMNRDSubject:RE: Gulf KC State #1 - 2RP-168

Mike- Just wanted to check to see if you had found time to upload the file for the subject site onto the OCD website.

Thanks,

Daniel K. Gibson, P.G. Regional Manager

KC Harvey Environmental, LLC 7 Sunnygrove Drive Odessa, Texas 79761 USA

Mobile: 432-312-7717 www.kcharvey.com



From: Dan Gibson Sent: Thursday, November 30, 2017 11:27 AM To: Mike Bratcher (mike.bratcher@state.nm.us) Cc: Chase Settle (chase_settle@eogresources.com) Subject: Gulf KC State #1 - 2RP-168

Mike –

Chase Settle has requested KC Harvey Environmental, LLC (KCH) assist EOG is closing the subject release incident. I've attached what information I could find from the OCD on-line files. The C-141 indicates that area was excavated and that soil samples were collected. I have not been able to find anything that indicates the sample results were submitted to OCD. If this is the case, I would like to call you to discuss a plan to address the remaining concerns for this site. I'll give you a call this afternoon. If you have a specific time that works better for you, please let me know.

Thanks,

Daniel K. Gibson, P.G. Regional Manager

KC Harvey Environmental, LLC 7 Sunnygrove Drive Odessa, Texas 79761 USA

Mobile: 432-312-7717 www.kcharvey.com



From:	Bratcher, Mike, EMNRD
Sent:	Tuesday, December 12, 2017 12:03 PM
То:	'Dan Gibson'
Cc:	Chase Settle (chase_settle@eogresources.com)
Subject:	RE: Gulf KC State #1 - 2RP-168

RE: 2RP-168

Dan,

I apologize for taking too long to get this stuff uploaded, but everything that was in the hard file is now online, here:

http://ocdimage.emnrd.state.nm.us/imaging/AEOrderFileView.aspx?appNo=pSEB0814157330

Hope this helps some.

Mike Bratcher NMOCD District 2 811 South First Street Artesia, NM 88210 575-748-1283 Ext 108

From: Dan Gibson [mailto:dgibson@kcharvey.com]
Sent: Thursday, November 30, 2017 10:27 AM
To: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>
Cc: Chase Settle (chase_settle@eogresources.com) <chase_settle@eogresources.com>
Subject: Gulf KC State #1 - 2RP-168

Mike –

Chase Settle has requested KC Harvey Environmental, LLC (KCH) assist EOG is closing the subject release incident. I've attached what information I could find from the OCD on-line files. The C-141 indicates that area was excavated and that soil samples were collected. I have not been able to find anything that indicates the sample results were submitted to OCD. If this is the case, I would like to call you to discuss a plan to address the remaining concerns for this site. I'll give you a call this afternoon. If you have a specific time that works better for you, please let me know.

Thanks,

Daniel K. Gibson, P.G. Regional Manager

KC Harvey Environmental, LLC 7 Sunnygrove Drive Odessa, Texas 79761 USA

Mobile: 432-312-7717 www.kcharvey.com

•



From:	Dan Gibson <dgibson@kcharvey.com></dgibson@kcharvey.com>
Sent:	Tuesday, December 19, 2017 11:13 AM
То:	Bratcher, Mike, EMNRD
Cc:	Chase Settle (chase_settle@eogresources.com)
Subject:	Gulf KC State Com#1 2RP-168
Attachments:	OCD File Summary.pdf; State file 12 12 2017.pdf

Mike:

Thanks again for getting the file on the OCD website. I've reviewed the file and prepared the attached summary. I've also included a copy of the documents in the OCD file.

The June 23, 2008 Spill Summary and Workplan provides documentation on the remediation and sampling activities in early June 2008. It also provides a workplan for the issues required to close the site. While the file does not indicate these activities were completed, the absence of a soil stockpile and the fact there is no open excavation on site suggest these activities may be complete. The remaining remediation activities were focused on the gun barrel tank area. To evaluate if this area was remediated, we propose to collect soil samples from two shallow soil borings. These samples will be submitted for TPH, BTEX and chloride analysis using approved OCD methods. The results of these samples should provide sufficient analytical data to determine if additional soil remediation is required.

The file also provides sample results from the pasture area. The file indicates TPH and BTEX levels are below RRALs. Chloride concentrations were 1,970 ppm at the surface and 528 ppm at a depth of three feet. The proposed action was to deep rip the area which was reportedly approved by the ranch manager. To evaluate if additional activities are warranted, we propose to inspect the area and compare the vegetation present in this area with the surrounding land. If the vegetative coverage is similar, we propose no further action.

When the sample results are available and the site inspection is complete, the documentation will be provided to OCD along with a proposed scope of any additional activities that may be required. If OCD agrees no further action is required, a final C-141 will be submitted.

Thanks,

Daniel K. Gibson, P.G. Permian Basin Regional Manager

KC Harvey Environmental, LLC 7 Sunnygrove Drive Odessa, Texas 79761 USA

Mobile: 432-312-7717 www.kcharvey.com



Gulf KC State Com #1 – - 2RP-168, OCD File Summary – File Date 12/17/2017, 17 pages

4/28/2008 – Water leg on gun barrel tank broke due to high winds, resulting in a release of one barrel of condensate and 19 barrels of produced water. No fluids were recovered.

5/2/2008 – Initial C-141 received by OCD. Areas impacted by the release consisted of:

- 1) Inside the tank battery around the gun barrel tank and along the berm on the east side of the tank battery. This area was reportedly excavated and the soils were paced on a liner.
- 2) The pasture on the east side of the tank battery was impacted (east berm was partially constructed). This area measured 15 feet by 30 feet.

The C-141 provided a work plan to address contaminated areas. Proposed activities included collecting soil samples from the impacted areas for TPH, BTEX, and chloride analysis. The workplan included proposed remediation activities (excavation) until TPH and BTEX concentrations met RRALs. The C-141 indicated the Site Ranking was "0" as the depth to groundwater was greater than 100 feet, the wellhead protection area was greater than 1,000 feet, and the distance to the closest water body was greater than 1,000 feet.

6/3/2008 - OCD response to Initial C-141

Remediation plan was accepted by OCD and included the following conditions:

- 1) Contaminated soil within the berm and in the pasture area would be remediated to recommended soil action levels for TPH, BTEX, and chlorides,
- 2) Sample results would be forward to OCD prior to backfilling, and,
- 3) At the completion of activities, a final C-141 would be submitted to OCD.

6/23/2008 – A *Spill Summary and Workplan* was submitted to OCD. In addition to summarizing the incident and site ranking, this document summarized remediation activities and outlined a closure plan.

The actions reportedly taken included:

- 1) The area along the east berm was excavated and the soils were stockpiled on a liner. The excavated area measured seven feet by 90 feet was 4 feet in depth.
- Soil samples were collected on June 3-4 from the excavation, the area surrounding the gun barrel tank, and the impacted area in the pasture. Analytical data is summarized in the following table.

Location	GRO (PPM)	DRO (PPM)	BTEX (PPM	Chloride (PPM)
Bottom of excavation	11.3	175	<50	464
Westside wall of excavation	16.1	731	<50	528
Southside wall of excavation	<10	432	<50	160
East side wall of excavation	31.6	799	<50	1,250
North side wall of excavation	23.5	189	<50	176
Pasture area - surface	<48.3	1,810	<50	1,970
Pasture, 3 foot depth	NA	NA	NA	528
Gun Barrel - surface	325	6,130	<50	10,200
Stockpiled Soil (5- part composite)	<10	69.6	<50	320

Summary of Soil Sample Results

NA - not analyzed

PPM – parts per million

The closure plan outline noted the following:

- For the excavated area, TPH and BTEX were reported at concentrations below the RRAL. Chloride concentrations ranged from 160 to 1,250 ppm. The proposed activities were to backfill the area using previously excavated material and to reconstruct the eastside berm.
- 2) For the pasture area, TPH and BTEX were reported at concentrations below the RRAL. Chloride concentrations were reported at 1,970 ppm at the surface and 528 ppm at a depth of three feet. The proposed action was to deep rip the area which was reportedly approved by the ranch manager, Mr. Darrel Brown.
- 3) The soil sample from the gun barrel area was below the RRAL for BTEX, but exceeded the RRAL for TPH. The proposed activity for contaminated soil surrounding the gun barrel tank was excavation with disposal at an OCD-approved facility. Soil samples were proposed to be collected from this excavation for TPH, BTEX and chloride analysis. The area was proposed to be backfilled once TPH and BTEX concentrations were below applicable RRALs. The area was to be backfilled using previously excavated material and clean backfill.
- 4) At the conclusion of these activities a final C-141 was to be submitted to OCD for approval.

End of File.

District I 1625 N French District II	Dr . Hobbs, N			-		f New Mex s and Natura	tico al Resources		- Ż 20		Payread	Form C- October 10,
1301 W Grand / District III	Avenue, Artes	ыа, NM 88210		Oil	Conse	rvation Div	vision	OCL	I-ARTE	SI/Sul	pmit 2 Copies	s to approp
1000 Rio Biazos District IV	s Road, Aztec,	, NM 87410				th St. Franc				I	Jiauner Onner	e in accord ile 116 on l
1220 S St Franc	icis Dr., Santa	Fe, NM 87505		S	Santa F	Fe, NM 875	505				with Re	side of f
3EB 0814	115701	9	Re	lease Notifi	catio	n and Co	orrective A	ction				
CSEBUSI	415685	57										5' 10
NSEBCS	141565	tes Petroleum	Corpora	tion			DPERATOR ke Stubblefield		>	<u>(Initia</u>	Report	Final R
		Street, Artesi					No. 505-7484500	505-5	13-1712			
		C State #1 30-				Facility Typ	e Tank Battery					
Surface Ow	ner Fee <	TATE		Mineral (Owner S	State			Lease	No.		
					• •		IEACE		· • • • • • • • • • • • • • • • • • • •			
Unit Letter	Section	Township	Range	Feet from the		N OF RE	Feet from the	East/V	Vest Line	Cou	ntv	
C	18	18s	25e	660	FNL		1980'	FWL	i est Ente	Eddy	-	
			Lat	titude 32.75387	Lo	ngitude_104	.52654					
				NA	TURF	COF REL	EASE					
Type of Relea	ase Produced	d water & cond	ensate.			Volume of	Release		Volume	Recover	ed	
						19 bbls pro	duced water & 1 t	bl	0			
						concensate	, ,					
Source of Rel	lague Cr. P					Data and T	lour of Occurrence		Data and	Цан	f Discovery	
source of Rel	iease Gun Ba	arrei				4/28/2008		:	Date and 4/28/200			
Was Immedia	ate Notice G					If YES, To	the second state of the se		<u> </u>	r		
		Yes	s No X	Not Required								
By Whom? Was a Waterc	course Roach	ned?				Date and H	lour dume Impacting th	w Water	ourse			
mas a watere	Jourse Reach		Yes X N	0		1 123, VO	name impacting ti	e water	ourse.			
If a Watercou	irse was Imp	acted, Describe	e Fully *	·········		1						
	•											
D 1 0		1 D 1	1 4 7	· · ·								
		m and Remedia		aken.* Is The water leg w	vas repai	red on the gun	barrel					
		nd Cleanup Ac		* round the gun bari	col and a	long the berry	on the enviroide of	tha hatta	w. The bot	torn: oro	a wag partiall	v bermed '
	e eastside of	the battery was	s impacted.	. This area measure	ed to be	15' x 30'. The	impacted soil loca	ated with	-in the ber	med are	a of the batte	ry was
pasture on the	emoved soils	were placed of	n a liner se	t on the location.								
pasture on the excavated Re				and Chloridea If						er the R		
pasture on the excavated Re second party l	lab & analys	is ran for TPH	& B-TEX	and Chlorides. If the state of							ii C-141 Iorm	will be
pasture on the excavated Re second party I submitted to C submitted to t	lab & analys OCD for the the OCD requ	is ran for TPH correction of the correction of t	& B-TEX he hydroca		ytical re	sults reflect th	e TPH & B-tex to	be under	the RRAL	. A fina		
pasture on the excavated Re second party I submitted to C submitted to t actions taken.	lab & analys OCD for the the OCD requ	is ran for TPH correction of tl uesting closure	& B-TEX he hydroca for the rel	rbons. When Anal ease that occurred	ytical re on 4/28	sults reflect th /2008 Final ar	e TPH & B-tex to nalytical results for	be under the Chlo	the RRAL orides will	. A fina		
pasture on the excavated Re second party I submitted to C submitted to t actions taken. Depth to grou I hereby certif	lab & analys OCD for the the OCD requ $\frac{1}{10000000000000000000000000000000000$	is ran for TPH correction of th uesting closure 100°, Wellhead formation give	& B-TEX he hydroca for the rel protection n above 1s	rbons. When Anal ease that occurred area > 1000', Dis true and complete	ytical re on 4/28 tance to to the b	sults reflect th /2008 Final ar surface water est of my know	e TPH & B-tex to nalytical results for body > 1000' Site vledge and unders	be under the Chlor ranking (tand that	the RRAL orides will 0 pursuant to	. A fina be eval	uated and app	regulation
pasture on the excavated Re second party I submitted to C submitted to t actions taken. Depth to grou I hereby certif all operators a	lab & analys OCD for the the OCD requ und water > 1 fy that the in are required t	is ran for TPH correction of th uesting closure 100°, Wellhead formation give to report and/or	& B-TEX he hydroca for the rel protection n above is file certai	rbons. When Anal ease that occurred area $> 1000^{\circ}$. Dis true and complete n release notification	ytical re on 4/28 tance to to the b ions and	sults reflect th /2008 Final ar surface water est of my know perform corre	e TPH & B-tex to nalytical results for body > 1000' Site vledge and unders ctive actions for re	be under the Chlor ranking (tand that leases w	the RRAL orides will 0 pursuant to hich may e	. A fina be evalue o NMO endange	uated and app D rules and public healt	ropriate regulatior h or the
pasture on the excavated Re second party I submitted to C submitted to t actions taken. Depth to grou I hereby certif all operators a environment. failed to adequ	lab & analys OCD for the the OCD requ ind water > 1 fy that the in are required t The accepta uately invest	is ran for TPH correction of th uesting closure 100°, Wellhead formation give to report and/or ance of a C-141 tigate and reme	& B-TEX he hydroca for the rel protection n above 1s r file certai report by diate conta	rbons. When Anal ease that occurred area > 1000', Dis true and complete n release notificati the NMOCD mark amination that pos	ytical re on 4/28 tance to to the b ions and ked as "1 e a threa	sults reflect th /2008 Final ar surface water est of my know perform corre Final Report" c t to ground wa	e TPH & B-tex to nalytical results for body \geq 1000' Site vledge and unders ctive actions for re- does not relieve the iter, surface water,	be under the Chlor ranking (tand that leases w coperator human h	the RRAL orides will 0 pursuant to hich may e r of liabilit health or th	2. A fina be evalue o NMO endange y should e enviro	uated and app CD rules and public healt their operat niment. In ac	regulation h or the ions have ldition,
pasture on the excavated Re second party I submitted to C submitted to t actions taken. Depth to grou I hereby certif all operators a environment. failed to adequ	lab & analys OCD for the the OCD requ ind water > 1 fy that the in are required t The accepta uately invest	is ran for TPH correction of th uesting closure 100°, Wellhead formation give to report and/or ance of a C-141 tigate and reme	& B-TEX he hydroca for the rel protection n above 1s r file certai report by diate conta	rbons. When Anal ease that occurred area > 1000', Dis true and complete n release notificati the NMOCD mark	ytical re on 4/28 tance to to the b ions and ked as "1 e a threa	sults reflect th /2008 Final ar surface water est of my know perform corre Final Report" c t to ground wa	e TPH & B-tex to nalytical results for body > 1000' Site vledge and unders ctive actions for re loes not relieve the iter, surface water, npliance with any	be under the Chlor ranking (tand that leases we operator human h other fed	the RRAL prides will 0 pursuant to hich may e r of liabilit lealth or th leral, state,	2. A fina be evalue o NMO endange y should e enviro or local	CD rules and public healt their operat nment. In ac laws and/or	regulation h or the ions have ldition,
pasture on the excavated Re second party I submitted to C submitted to t actions taken. Depth to grou I hereby certif all operators a environment. failed to adequ NMOCD acce	lab & analys OCD for the the OCD requi- ind water ≥ 1 fy that the in are required t The accepta uately invest eptance of a f	is ran for TPH correction of th uesting closure 100°, Wellhead formation give to report and/or ance of a C-141 tigate and reme C-141 report d	& B-TEX he hydroca for the rel protection n above 1s r file certai report by diate conta	rbons. When Anal ease that occurred area > 1000', Dis true and complete n release notificati the NMOCD mark amination that pos	ytical re on 4/28 tance to to the b ions and ked as "1 e a threa	sults reflect th /2008 Final ar surface water est of my know perform corre Final Report" c t to ground wa	e TPH & B-tex to nalytical results for body \geq 1000' Site vledge and unders ctive actions for re- does not relieve the iter, surface water,	be under the Chlor ranking (tand that leases we operator human h other fed	the RRAL prides will 0 pursuant to hich may e r of liabilit lealth or th leral, state,	2. A fina be evalue o NMO endange y should e enviro or local	CD rules and public healt their operat nment. In ac laws and/or	regulation h or the ions have ldition,
pasture on the excavated Re second party I submitted to C submitted to t actions taken. Depth to grou I hereby certif all operators a environment. failed to adequ NMOCD acce	lab & analys OCD for the the OCD requi- ind water ≥ 1 fy that the in are required t The accepta uately invest eptance of a f	is ran for TPH correction of th uesting closure 100°, Wellhead formation give to report and/or ance of a C-141 tigate and reme C-141 report d	& B-TEX he hydroca for the rel protection n above 1s r file certai report by diate conta	rbons. When Anal ease that occurred area > 1000', Dis true and complete n release notificati the NMOCD mark amination that pos	ytical re on 4/28 tance to to the b ions and ked as "] e a threa of respon	sults reflect th /2008 Final ar surface water est of my know perform corre Final Report" c t to ground wa sibility for cor	e TPH & B-tex to nalytical results for body > 1000' Site vledge and unders ctive actions for re loes not relieve the iter, surface water, npliance with any OIL CON	be under the Chlo ranking (tand that leases we operato human h other fed SERV	the RRAL orides will pursuant to hich may e r of liabilit tealth or th leral, state, ATION	. A fina be evalue on MOO endange y should e enviro or local DIVI	CD rules and public healt their operat nment. In ac laws and/or	regulation h or the ions have ldition,
pasture on the excavated Re second party I submitted to C submitted to t actions taken. Depth to grou I hereby certif all operators a environment. failed to adequ NMOCD acce	lab & analys OCD for the the OCD requ ind water > 1 fy that the in are required t The accepta nuately invest eptance of a (is ran for TPH correction of th uesting closure 100°, Wellhead formation give to report and/or ance of a C-141 tigate and reme C-141 report d	& B-TEX he hydroca for the rel protection n above 1s r file certai report by diate conta	rbons. When Anal ease that occurred area > 1000', Dis true and complete n release notificati the NMOCD mark amination that pos	ytical re on 4/28 tance to to the b ions and ked as "] e a threa of respon	sults reflect th /2008 Final ar surface water est of my know perform corre Final Report" c t to ground wa sibility for cor	e TPH & B-tex to nalytical results for body > 1000' Site vledge and unders ctive actions for re loes not relieve the iter, surface water, npliance with any OIL CON	be under the Chlo ranking (tand that leases we operato human h other fed SERV	the RRAL orides will pursuant to hich may e r of liabilit tealth or th leral, state, ATION	. A fina be evalue on MOO endange y should e enviro or local DIVI	CD rules and public healt their operat nment. In ac laws and/or	regulation h or the ions have ldition,
pasture on the excavated Re second party I submitted to C submitted to t actions taken. Depth to grou I hereby certif all operators a environment. failed to adequ NMOCD acce Signature: P Printed Name	lab & analys OCD for the the OCD requ- ind water > 1 fy that the in are required t The accepta uately invest eptance of a c content of the Mike Stubb	is ran for TPH correction of th uesting closure 100°, Wellhead formation give to report and/or ance of a C-141 tigate and reme C-141 report d	& B-TEX he hydroca for the rel protection n above 1s r file certai report by diate conta	rbons. When Anal ease that occurred area > 1000', Dis true and complete n release notificati the NMOCD mark amination that pos	ytical re on 4/28 tance to to the b ions and ked as "l e a threa of respon	sults reflect th /2008 Final ar surface water est of my know perform corre Final Report" c t to ground wa sibility for cor	e TPH & B-tex to nalytical results for body > 1000' Site vledge and unders ctive actions for re- does not relieve the iter, surface water, npliance with any <u>OIL CON</u> District Supervisor	be under the Chlo ranking l tand that cleases w operato human h other fed SERV	the RRAL orides will o pursuant to hich may e r of liabilit lealth or th leral, state. ATION	A fina be evalue o NMO0 endange y should e enviro or local DIVI	CD rules and public healt their operat niment. In ac laws and/or SION	regulation h or the ions have ldition,
pasture on the excavated Re second party I submitted to C submitted to t actions taken. Depth to grou I hereby certif all operators a environment. failed to adequ	lab & analys OCD for the the OCD requ- ind water > 1 fy that the in are required t The accepta uately invest eptance of a c content of the Mike Stubb	is ran for TPH correction of th uesting closure 100°, Wellhead formation give to report and/or ance of a C-141 tigate and reme C-141 report d	& B-TEX he hydroca for the rel protection n above 1s r file certai report by diate conta	rbons. When Anal ease that occurred area > 1000', Dis true and complete n release notificati the NMOCD mark amination that pos	ytical re on 4/28 tance to to the b ions and ked as "l e a threa of respon	sults reflect th /2008 Final ar surface water est of my know perform corre Final Report" c t to ground wa sibility for cor	e TPH & B-tex to nalytical results for body > 1000' Site vledge and unders ctive actions for re- does not relieve the iter, surface water, npliance with any <u>OIL CON</u> District Supervisor	be under the Chlo ranking l tand that cleases w operato human h other fed SERV	the RRAL orides will pursuant to hich may e r of liabilit tealth or th leral, state, ATION	A fina be evalue o NMO0 endange y should e enviro or local DIVI	CD rules and public healt their operat niment. In ac laws and/or SION	regulation h or the lons have ldition,
pasture on the excavated Re second party I submitted to C submitted to C submitted to t actions taken. Depth to grou I hereby certif all operators a environment. failed to adequ NMOCD accession Signature: CC	lab & analys OCD for the the OCD requ- ind water > 1 fy that the in are required t The accepta uately invest eptance of a to the Stubb mental Regu	is ran for TPH correction of th uesting closure 100°, Wellhead formation give to report and/or ance of a C-141 tigate and reme C-141 report d	& B-TEX he hydroca for the rel protection n above 1s r file certai report by diate conta	rbons. When Anal ease that occurred area > 1000', Dis true and complete n release notificati the NMOCD mark amination that pos	ytical re on 4/28 tance to to the b ions and ked as "] e a threa of respon	sults reflect th /2008 Final ar surface water est of my know perform corre Final Report" c t to ground wa sibility for corr Approved by I	e TPH & B-tex to nalytical results for body > 1000' Site vledge and unders ctive actions for re- loes not relieve that ter, surface water, npliance with any <u>OIL CON</u> District Supervisor	be under the Chlo ranking l tand that cleases w operato human h other fed SERV	the RRAL orides will o pursuant to hich may e r of liabilit lealth or th leral, state. ATION	A fina be evalue o NMO endange: y should e enviro or local DIVI	CD rules and public healt their operat nment. In ac laws and/or SION	regulation h or the lons have ldition,
pasture on the excavated Re second party I submitted to C submitted to C submitted to t actions taken. Depth to grou I hereby certif all operators a environment. failed to adequ NMOCD acco Signature: Printed Name Title Environ	lab & analys OCD for the the OCD requ- ind water > 1 fy that the in are required t The accepta quately invest eptance of a f the Stubb Mike Stubb imental Regu- ss. mikes@y	is ran for TPH correction of th uesting closure 100°, Wellhead formation give to report and/or ance of a C-141 tigate and reme C-141 report d	& B-TEX he hydroca for the rel protection n above 1s r file certai report by diate conta	rbons. When Anal ease that occurred area > 1000'. Dis true and complete n release notificati the NMOCD marl amination that pos- ieve the operator o	ytical re on 4/28 tance to to the b ions and ked as "] e a threa of respon	sults reflect th /2008 Final ar surface water est of my know perform corre Final Report" c t to ground wa sibility for cor	e TPH & B-tex to nalytical results for body > 1000' Site vledge and unders ctive actions for re- loes not relieve that ter, surface water, npliance with any <u>OIL CON</u> District Supervisor	be under the Chlo ranking - tand that cleases we operator human h other fed SERV	the RRAL orides will pursuant to hich may e r of liabilit ealth or th leral, state, ATION	A fina be evalue o NMO endange: y should e enviro or local DIVI	CD rules and public healt their operat niment. In ac laws and/or SION	regulation h or the lons have ldition,

•

Released to Imaging: 8/20/2024 7:25:02 AM

Received by OCD: 8/20/2024 7:23:41 AM

and the second second

New Mexico Energy, Minerals and Natural Resources Department

Bill Richardson Governor

Joanna Prukop Cabinet Secretary Reese Fullerton Deputy Cabinet Secretary Mark Fesmire Division Director Oil Conservation Division



June 3, 2008

Yates Petroleum Corporation Attn: Mike Stubblefield 105 S 4th Street Artesia, NM 88210

Reference: Gulf KC State Com 001 C-18-18S-25E 30 015 22728 Eddy County, New Mexico 2RP-168

Operator,

The New Mexico Oil Conservation Division District 2 Office (OCD) is in receipt of an Initial Report C-141 for a release of produced water and condensate occurring at the above referenced facility on April 28, 2008. Included on the C-141 is a plan for remediation actions.

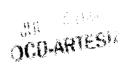
The plan is accepted with the following stipulations:

- Contaminated soils within the bermed area and the reported approximate 450 square feet pasture area shall be remediated so that residual contaminant concentrations are below the recommended soil remediation action levels. Confirmation soil samples reflecting TPH, BTEX, and chloride constituents will be required.
- Notify the OCD 48 hours prior to obtaining samples where analyses are to be submitted to the OCD.
- · Remediation requirements may be subject to change as site conditions warrant.
- Results of analytical data obtained through sampling shall be forwarded to OCD for approval prior to
 any backfilling activities.
- A final Report C-141 is to be submitted to the OCD upon satisfactory completion of remediation project.
- Remediation to be completed on or before August 1, 2008.

Please be advised that NMOCD acceptance of this plan does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of this plan does not relieve the operator of responsibility for compliance with any other federal, state, local laws and/or regulations.

Respectfully,

Sherry Bonham NMOCD District 2 1301 W Grand Avenue Artesia, NM 88210 575.748.1283 ext. 109 sherry.bonham@state.nm.us



Yates Petroleum Corporation Gulf KC State #1 Remediation Workplan Sec. 18-18s-25e Eddy County, N.M.

June 23, 2008

۹. ۲.

itenuini lenn R on lige SEC. 3:00

•

6/23/2008

Spill Summary and Work Plan

Incident Date: 4/28/2008

Location: Gulf KC State #1 Unit C Section 18 T18S R25E Eddy County, New Mexico

The well is located 25 miles south west of Artesia, as depicted on the attached Dayton USGS Quadrangle Map. This site lies on the edge of a westward sloping plain cut by dry drainage channels.

Watercourses in the area are dry except for infrequent flows in response to major precipitation events. Area surface geology includes Quaternary Pleistocene conglomerate. The area, dry at the time of the spill, consists of soil that is fine grained, loamy and interspersed with clay seams providing a low permeability barrier to retard vertical percolation of contaminants into the subsurface. Groundwater in the area is estimated to be at a depth of >100 feet.

The ranking for this site is zero (0) based on the as following:

Depth to ground water	> 100'
Wellhead Protection Area	> 1000'
Distance to surface water body	> 1000'

Incident Description:

The water leg on gun barrel broke due to high winds.

The water leg was repaired on the gun barrel. The volume of the release was 19 bbls of produced water & 1 bbl condensate. Recovered volume 0 bbls produced water & 0 bbls condensate.

Action Taken:

The impacted area was located in the bermed area of the tank battery. The berm around the battery was not completed when constructed; there was a partial opening in the berm on the north side of the tank battery. The area around the gun barrel was impacted and there was a flow path running from the gun barrel to the berm located on the east side of the tank battery. Most of the release pooled in the area along the berm on the eastside of the battery. The battery area was partially bermed. A small amount of fluid ran from the opening in the berm. The pasture on the eastside of the battery was impacted. This area measured to be 15'x30'. The berm and the impacted soil running along side of the berm were immediately excavated and stockpiled on a liner, which was placed on the location. The excavated area measure to be 4' in depth x 7' wide x 90' long.

DAMAge to PAsture land

6/3/2008 using a hand auger soil samples were taken from the excavated area, the area surrounding the gun barrel and the impacted area in the pasture. The soil samples were submitted to Cardinal Lab. Analysis was run for TPH using EPA Method 8015M, B-TEX using EPA Method 8260B, and Chlorides using EPA Method 300. Analytical results for soil samples taken on 6/3/2008 from the excavated area along the berm on the east side of the tank battery reported; TPH bottom of the excavated area GRO 11.3 ppm, DRO 175 ppm, B-TEX <50 ppm. Chlorides 464 ppm, Westside wall - GRO 16.1 ppm, DRO 731 ppm, B-TEX <50 ppm. Chlorides 528 ppm, Southside wall - GRO <10 ppm, DRO 432 ppm, B-TEX <50 ppm. Chlorides 160 ppm, Eastside wall - GRO 31.6 ppm, DRO 799 ppm, B-TEX <50 ppm. Chlorides 1,250 ppm, North side wall - GRO 23.5, **D**RO 189 ppm, B-TEX <50ppm, Chlorides 176 ppm.

Analytical results from soil samples taken on 6/3/2008 from <u>outside of the bermed area in the pasture</u> reported surface GRO <48.3 DRO 1,810 ppm, B-TEX: Stoppm. Chlorides 1,970 ppm, Chlorides at a depth of <u>3' BGS</u> in the <u>impacted area of the pasture</u> were reported to be CL. 528 ppm.

Analytical results from soil samples taken on 6/3/2008 in the area around the gun barrel reported surface – GRO 325 ppm, DRO 6,130 ppm, B-TEX <50 ppm. Chlorides 10,200 ppm.

A five spot composite soil sample was taken for the stockpiled soil. Analytical results reported GRO <10.0 ppm, DRO 69.6, Chlorides 320 ppm.

Closure Plan:

Analytical results dated 6/9&10/2008 reported the TPH & B-TEX to be under the RRAL for the site from soil samples taken in the excavated area located on the eastside of the battery Chlorides were reported in ranges from 1,250 ppm to 160 ppm.

The excavated area on the eastside of the battery will be backfilled back to grade using the stockpiled soil on location. The removed berm will then be reconstructed.

Analytical results dated 6/9&10/2008 reported the TPH & B-TEX to be under the RRAL for the site from soil samples taken in the impacted area of the pasture. Chlorides were reported in the impacted area of the pasture to be 1,970 ppm at the surface, 3' BGS Chlorides declined to 528 ppm. The impacted area located in the pasture on the eastside of the battery will be deep ripped. This corrective action was approved by the Ranch manager Mr. Darrel Brown on 7/3/2008.

Analytical results dated 6/9&10/2008 reported the TPH to be above the RRAL for the site in soil samples taken on 6/3/2008 from the impacted soil located around the gun barrel. The impacted soil located around the gun barrel will be excavated and hauled to an NMOCD approved solid waste disposal facility. After excavation soil samples will be taken and then submitted to a second party lab for analysis. The soil samples submitted to lab will be tested for TPH using EPA method 8215M, B-TEX EPA method 8260B and Chlorides using EPA method 300. When analytical results taken from the excavated area around the gun barrel report the TPH & B-TEX to be under the RRAL for the site. Chlorides have been documented to decline from CL. 10,200 ppm to a range that is reasonable for the site. The excavated area will be backfilled back to grade using a combination of the stockpiled soil on location and clean soil brought to the location. A final C-141 form with attached analytical results will be submitted to the NMOCD, requesting closure for the release that occurred on 4/28/2008.

If you have questions or need additional information, please contact me at 505-748-4500. Or E-mail me at <u>mikes@ypcnm.com</u>.

Sincerely,

Mile Stullefreld

Mike Stubblefield Yates Petroleum Corporation Environmental Regulatory Agent



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

ANALYTICAL RESULTS FOR YATES PETROLEUM CORPORATION ATTN: MIKE STUBBLEFIELD 105 SOUTH 4TH STREET ARTESIA, NM 88210 FAX TO: (575) 748-4635

Receiving Date: 06/04/08 Reporting Date: 06/09/08 Project Number: 30-015-22328 Project Name: GULF KC STATE COM #1 BATTERY Project Location: SEC. 18-18S-25E

Sampling Date: 06/03/08 Sample Type: SOIL Sample Condition: COOL & INTACT Sample Received By: ML Analyzed By: AB

LAB NUMBER SAMPLE ID

CI* (mg/kg)

ANALYSIS I	DATE:	06/05/08
H14923-1	1) EXCAVATED AREA ALONG BERM BOTTOM 4' DEPTH	464
H14923-2	2) EXCAVATED AREA ALONG BERM WEST SIDE WALL	528
H14923-3	3) EXCAVATED AREA ALONG BERM SOUTH SIDE WALL	160
H14923-4	4) EXCAVATED AREA ALONG BERM EAST SIDE WALL	1,250
H14923-5	5) EXCAVATED AREA ALONG BERM NORTH SIDE WALL	176
Quality Cont	rol	490
Quality Cont True Value (490
		· · · · · · · · · · · · · · · · · · ·

METHODS: Std. Methods 4500-CITB *Analyses performed on 1:4 w:v aqueous extracts.

emist

H14923CL YATES

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories. Results *Released to Imaging: 8/20/2024 7:25:02 AM*



ANALYTICAL RESULTS FOR YATES PETROLEUM CORPORATION ATTN: MIKE STUBBLEFIELD 105 SOUTH 4TH STREET ARTESIA, NM 88210 FAX TO: (575) 748-4635

Receiving Date: 06/04/08 Reporting Date: 06/10/08 Project Number: 30-015-22328 Project Name: GULF KC STATE COM #1 BATTERY Project Location: SEC. 18-18S-25E Sampling Date: 06/03/08 Sample Type: SOIL Sample Condition: INTACT Sample Received By: ML Analyzed By: CK/AB

		GRO	DRO			ETHYL	TOTAL
		(C ₆ -C ₁₀)	(>C ₁₀ -C ₂₈)	BENZENE	TOLUENE	BENZENE	XYLENES
LAB NO.	SAMPLE ID	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)

ANALYSIS	DATE:	06/05/08	06/05/08	06/05/08	06/05/08	06/05/08	06/05/08
H14923-1	1. EXCAVATED AREA ALONG	11.3	175	<0.010	<0.010	0.011	0.116
	BERM BOTTOM 4' DEPTH	and an and a second					
H14923-2	2. EXCAVATED AREA ALONG	16.1	731	< 0.010	0.010	0.015	0.159
	BERM WEST SIDE WALL	·	-	-			
H14923-3	3. EXCAVATED AREA ALONG	<10.0	432	<0.010	<0.010	<0.010	0.057
	BERM SOUTH SIDE WALL						
H14923-4	4. EXCAVATED AREA ALONG	31.6	799	<0.010	0.036	0.047	0.519
	BERM EAST SIDE WALL						
H14923-5	5. EXCAVATED AREA ALONG	23.5	189	< 0.010	0.054	0.044	0.480
	BERM NORTH SIDE WALL						
Quality Col	ntrol	497	573	0.047	0.052	0.058	0.170
True Value QC		500	500	0.050	0.050	0.050	0.150
% Recover	у	99.4	115	93.5	105	115	113
Relative Pe	ercent Difference	1.6	0.7	2.6	7.3	5.5	4.1

METHODS: TPH GRO & DRO - EPA SW-846 8015 M; BTEX - SW-846 8260B.

Klene

06/10/08

H14923BT2 YATES

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise. Results relate only to the samples identified shows. This report shall only be reproduced except in full with written approval of Cardinal Laboratories.



ANALYTICAL RESULTS FOR YATES PETROLEUM CORPORATION ATTN: MIKE STUBBLEFIELD 105 SOUTH 4TH STREET ARTESIA, NM 88210 FAX TO: (575) 748-4635

Receiving Date: 06/04/08 Reporting Date: 06/10/08 Project Number: 30-015-22328 Project Name: GULF KC STATE COM. #1 BATTERY Project Location: SEC. 18-18S-25E

Sampling Date: 06/03/08 Sample Type: SOIL Sample Condition: INTACT Sample Received By: ML Analyzed By: CK/AB

		GRO	DRO			ETHYL	TOTAL
		(C ₆ -C ₁₀)	(>C ₁₀ -C ₂₈)	BENZENE	TOLUENE	BENZENE	XYLENES
LAB NO.	SAMPLE ID	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)

ANALYSIS	DATE:	06/05/08	06/05/08	06/05/08	06/05/08	06/05/08	06/05/08
H14922-1	6. IMPACTED AREA AROUND	325	6,130	< 0.010	<0.010	0.026	0.354
·	GUN BARREL SURFACE						
H14922-2	7. IMPACTED AREA IN	48.3	1,810	<0.010	0.012	0.026	0.301
	PASTURE SURFACE		1				
H14922-4	9. STOCKPILED SOIL FROM	<10.0	69.6	<0.010	<0.010	<0.010	0.035
	EXCAVATION AREA				-		
Quality Co	ntrol	497	573	0.047	0.052	0.058	0.170
True Value	QC	500	500	0.050	0.050	0.050	0.150
% Recover	У	99.4	115	93.5	105	115	113
Relative Pe	ercent Difference	1.6	0.7	2.6	7.3	5.5	4.1

METHODS: TPH GRO & DRO - EPA SW-846 8015 M; BTEX - SW-846 8260B.

Chemist

H14922BT2 YATES

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories. Released to Imaging: 8/20/2024 7:25:02 AM



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

ANALYTICAL RESULTS FOR YATES PETROLEUM CORPORATION ATTN: MIKE STUBBLEFIELD 105 SOUTH 4TH STREET ARTESIA, NM 88210 FAX TO: (575) 748-4635

Receiving Date: 06/04/08 Reporting Date: 06/06/08 Project Number: 30-015-22328 Project Name: GULF KC STATE COM. #1 BATTERY Project Location: SEC. 18-18S-25E Analysis Date: 06/05/08 Sampling Date: 06/03/08 Sample Type: SOIL Sample Condition: INTACT Sample Received By: ML Analyzed By: AB

		C
LAB NUMBER	SAMPLE ID	(mg/kg)
H14922-1	6. IMPACTED AREA AROUND GUN	10,200
	BARREL SURFACE	
H14922-2	7. IMPACTED AREA IN PASTURE	1,970
	SURFACE	
H14922-3	8. IMPACTED AREA IN PASTURE	528
· · · · · · · · · · · · · · · · · · ·	3' DEPTH	
H14922-4	9. STOCKPILED SOIL FROM	320
	EXCAVATION AREA	
Quality Control		500
True Value QC		500
% Recovery	100	
Relative Percen	2.0	
METHOD: Standa	Ird Methods	4500-CI'B

METHOD: Standard Methods Note: Analyses performed on 1:4 w:v aqueous extracts.

Krist Suprobo

06/09/08

H14922 YATES

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise. Results relate only to the samples identified above. This report shall on the reproduced except in full with written approval of Cardinal Laboratories.

 $\frac{2\pi}{4}$

	CHAIN-OF-CUSTODY AND ANALYSIS REQUEST	13 101 East Martand, Hobbs, NM 88240 20 (505) 393-2325 Fax (505) 393-2475	1	P.O. 11:	Company: Unic Reto Corp.	ZIp: 88210 Attn: m.K. Tubble field	Address: 10	Idield City: A, tesiA	State:	Phone #: 505. 1148. 4520	Fax #: 505- 948-4	ESERV. SAMPLING	DGE			C V V C 23 Jace 3: JO 0A V V V		WC V V C/2 [2018]3:KPn V V V		C V V 6(3/2008 3:25 Am V V V	rades by burchin configuration [14] and the start of the second by the second by the second for	and it has been been and the set of the set	when fourt	Received By: (Lab Sym)	-
Released				tobhletield P.O. N:	41th Street	Statt: N, M, Zlp: 88210	48-4335 Address: 10	228 Projact Owner: Aik, 570/ 1/0/ 6/1	1ATC COM #1 Gallery. State: N. M.	m: Sec. 18.18c · X.c. Phone #:	Stubblefield Fax #: 505-	MATRIX PRI	I COOL DUNDWATER STEWATER DGE DGE	0.11 1/CE VCIC 0/L 2/CO 0/CO 0/CO 0/CO 0/CO 0/CO 0/CO 0/CO 0	CUL IL EXCAVORE BICA 2407 WIM DOLIOM 5 1 1 1	a sin . (Avaled ales a ban been been a	side Wall	Arca where bern South C V K		· · · · · · · · · · · · · · · · · · ·	e hruku tasta in castract or lot, alsa to Aniza	Hitel be downed when where I having retrochingson, bus	Repues Time -	Received PY	

, भ

f Cardinal cannot accept yerbal chinges, "ease fax written changes to (325) 673-7020.

Received by OCD: 8/20/2024 7:23:41 AM

Ì

•

ULL - S ZEEN OCD-ARTESIA

Yates Petroleum Corporation Gulf KC State #1 Remediation Workplan Sec. 18-18s-25e Eddy County, N.M.

June 23, 2008

6/23/2008

Spill Summary and Work Plan

Incident Date: 4/28/2008

Location:	Gulf KC State #1
	Unit C Section 18 T18S R25E
	Eddy County, New Mexico

The well is located 25 miles south west of Artesia, as depicted on the attached Dayton USGS Quadrangle Map. This site lies on the edge of a westward sloping plain cut by dry drainage channels.

Watercourses in the area are dry except for infrequent flows in response to major precipitation events. Area surface geology includes Quaternary Pleistocene conglomerate. The area, dry at the time of the spill, consists of soil that is fine grained, loamy and interspersed with clay seams providing a low permeability barrier to retard vertical percolation of contaminants into the subsurface. Groundwater in the area is estimated to be at a depth of >100 feet.

The ranking for this site is zero (0) based on the as following:

Depth to ground water	> 100'
Wellhead Protection Area	> 1000'
Distance to surface water body	> 1000'

Incident Description:

The water leg on gun barrel broke due to high winds.

The water leg was repaired on the gun barrel. The volume of the release was 19 bbls of produced water & 1 bbl condensate. Recovered volume 0 bbls produced water & 0 bbls condensate.

Action Taken:

The impacted area was located in the bermed area of the tank battery. The berm around the battery was not completed when constructed; there was a partial opening in the berm on the north side of the tank battery. The area around the gun barrel was impacted and there was a flow path running from the gun barrel to the berm located on the east side of the tank battery. Most of the release pooled in the area along the berm on the eastside of the battery area was partially bermed. A small amount of fluid ran from the opening in the berm. The pasture on the eastside of the battery was impacted. This area measured to be 15'x30'. The berm and the impacted soil running along side of the berm were immediately excavated and stockpiled on a liner, which was placed on the location. The excavated area measure to be 4' in depth x 7' wide x 90' long.

6/3/2008 using a hand auger soil samples were taken from the excavated area, the area surrounding the gun barrel and the impacted area in the pasture. The soil samples were submitted to Cardinal Lab. Analysis was run for TPH using EPA Method 8015M, B-TEX using EPA Method 8260B, and Chlorides using EPA Method 300. Analytical results for soil samples taken on 6/3/2008 from the excavated area along the berm on the east side of the tank battery reported; TPH bottom of the excavated area GRO 11.3 ppm, DRO 175 ppm, B-TEX <50 ppm. Chlorides 464 ppm, Westside wall - GRO 16.1 ppm, DRO 731 ppm, B-TEX <50 ppm. Chlorides 528 ppm, Southside wall – GRO <10 ppm, DRO 432 ppm, B-TEX <50 ppm. Chlorides 1,250 ppm, North side wall – GRO 23.5, DRO 189 ppm, B-TEX <50 ppm. Chlorides 176 ppm.

Analytical results from soil samples taken on 6/3/2008 from outside of the bermed area in the pasture reported surface GRO <48.3 DRO 1,810 ppm, B-TEX <50 ppm. Chlorides 1,970 ppm, Chlorides at a depth of 3' BGS in the impacted area of the pasture were reported to be CL. 528 ppm.

Analytical results from soil samples taken on 6/3/2008 in the area around the gun barrel reported surface – GRO 325 ppm, DRO 6,130 ppm, B-TEX <50 ppm. Chlorides 10,200 ppm.

A five spot composite soil sample was taken for the stockpiled soil. Analytical results reported GRO <10.0 ppm, DRO 69.6, Chlorides 320 ppm.

Closure Plan:

Analytical results dated 6/9&10/2008 reported the TPH & B-TEX to be under the RRAL for the site from soil samples taken in the excavated area located on the eastside of the battery Chlorides were reported in ranges from 1,250 ppm to 160 ppm.

The excavated area on the eastside of the battery will be backfilled back to grade using the stockpiled soil on location. The removed berm will then be reconstructed.

Analytical results dated 6/9&10/2008 reported the TPH & B-TEX to be under the RRAL for the site from soil samples taken in the impacted area of the pasture. Chlorides were reported in the impacted area of the pasture to be 1,970 ppm at the surface, 3' BGS Chlorides declined to 528 ppm. The impacted area located in the pasture on the eastside of the battery will be deep ripped. This corrective action was approved by the Ranch manager Mr. Darrel Brown on 7/3/2008.

Analytical results dated 6/9&10/2008 reported the TPH to be above the RRAL for the site in soil samples taken on 6/3/2008 from the impacted soil located around the gun barrel. The impacted soil located around the gun barrel will be excavated and hauled to an NMOCD approved solid waste disposal facility. After excavation soil samples will be taken and then submitted to a second party lab for analysis. The soil samples submitted to lab will be tested for TPH using EPA method 8215M, B-TEX EPA method 8260B and Chlorides using EPA method 300. When analytical results taken from the excavated area around the gun barrel report the TPH & B-TEX to be under the RRAL for the site. Chlorides have been documented to decline from CL. 10,200 ppm to a range that is reasonable for the site. The excavated area will be backfilled back to grade using a combination of the stockpiled soil on location and clean soil brought to the location. A final C-141 form with attached analytical results will be submitted to the NMOCD, requesting closure for the release that occurred on 4/28/2008.

If you have questions or need additional information, please contact me at 505-748-4500. Or E-mail me at <u>mikes@ypcnm.com</u>.

Sincerely,

mare Stullepell

Mike Stubblefield Yates Petroleum Corporation Environmental Regulatory Agent

From: Sent:	Mike Stubblefield [mikes@YPCNM.COM] Tuesday, August 12, 2008 9:59 AM
То:	Bratcher, Mike, EMNRD
Cc:	Jerry Fanning
Subject:	Soil samples to be taken for Analytical on 8/14/2008.

Dear Mr. Mike Bratcher,

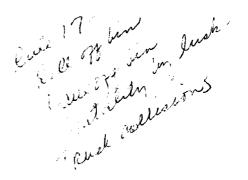
Yates Petroleum Corporation will be taking soil samples for analytical at the following facilities.

30-015-22728 Ut.C 18-18s-25e Gulf KC State #1 Sampling date: 8/14/2008 Time: 9:30am. 30-015-10800 Ut.O 25-18s-25e Gerard "AW" Battery Sampling date: 8/14/2008 Time: 10:30am. 30-015-22891 Ut.G 1-19s-24e SRC "KZ" State Battery Sampling date 8/14/2008 Time 11:30am. 3:0.0 30-015-21881 Ut.J 36-19s-24e Dee 36 State Battery Sampling date: 8/14/2008 Time: 2:00pm.

If I can be of further assistance please contact me at 575-513-1712.

Sincerely, Mike Stubblefield

This inbound email has been scanned by the MessageLabs Email Security System.



From: Sent:	Mike Stubblefield [mikes@YPCNM.COM] Tuesday, August 12, 2008 11:15 AM
То:	Bratcher, Mike, EMNRD
Cc:	Jerry Fanning
Subject:	Soil Samples to be taken for analytical on 8/15/2008.

Dear Mr. Mike Bratcher,

Yates Petroleum Corporation will be taking soil samples for analytical at the following facilities.

30-015-33733 Ut.I 16-19s-26e Clayton BFO State Com. #1 Sampling date: 8/15/2008 Time: 9:30am. 30-015-32709 Ut.M 27-16s-27e Mucho Luck BBW Federal Com. #1 Sampling date: 8/15/2008 Time: 10:30am 30-015-32095 Ut.H 24-18s-30e Creek AL #15 Sampling date: 8/15/2008 Time: 1:30pm 30-015-35316 Ut.A 4-23s-31e Glowworm "ALX" Federal #14 Sampling date: 8/15/2008 Time: 3:00pm.

If I can be of further assistance please contact me at 575-513-1712.

Sincerely,

Mike Stubblefield

This inbound email has been scanned by the MessageLabs Email Security System.

Depth to Groun	d Water: >100; Wellhead Protection? NO; Distance to Surface water: >1000'.	Site Ranking: 0
	STATUS SHEET	
Gulf KC S Site Api NUMBER	<u>18 18S 25E</u> UL: <u>C</u> <u>32.75399</u>	<u>13.1712</u> <u>104.52674</u> _{Longitude}
DATE	DESCRIPTION	New York Strategy and Strategy
1-2.08	Mike Stubblefield - Stated he brok analyticale and a the even heady to start work to excavate the impace OCD does not have the work plan (checked u) the also Stubblefield will bring in the work plan.	work plan ted avea s. Ke Bratcher
7-3-08	Ray Martin of TNT called in update. Hand digg:	ng around
8-6-08	Separater. Will place those as platte. Updale held from spectors. lequest for addit time liftene	L witel 1810 8
· · · · · · · · · · · · · · · · · · ·		

From:	Dan Gibson <dgibson@kcharvey.com></dgibson@kcharvey.com>
Sent:	Monday, January 8, 2018 11:23 AM
То:	Bratcher, Mike, EMNRD
Cc:	Chase Settle (chase_settle@eogresources.com)
Subject:	RE: Gulf KC State Com#1 2RP-168
Attachments:	OCD File Summary.pdf; State file 12 12 2017.pdf

Mike –

Happy New Year!

I just wanted to check in and see if you have had an opportunity to review the documents I sent.

Thanks,

Daniel K. Gibson, P.G. Permian Basin Regional Manager

KC Harvey Environmental, LLC 2626 JBS Parkway Suite B120 Odessa, Texas 79761 USA

Office 432-614-6096 Mobile: 432-312-7717 www.kcharvey.com



From: Dan Gibson Sent: Tuesday, December 19, 2017 12:13 PM To: Mike Bratcher (mike.bratcher@state.nm.us) Cc: Chase Settle (chase_settle@eogresources.com) Subject: Gulf KC State Com#1 2RP-168

Mike:

Thanks again for getting the file on the OCD website. I've reviewed the file and prepared the attached summary. I've also included a copy of the documents in the OCD file.

The June 23, 2008 Spill Summary and Workplan provides documentation on the remediation and sampling activities in early June 2008. It also provides a workplan for the issues required to close the site. While the file does not indicate these activities were completed, the absence of a soil stockpile and the fact there is no open excavation on site suggest these activities may be complete. The remaining remediation activities were focused on the gun barrel tank area. To evaluate if this area was remediated, we propose to collect soil samples from two shallow soil borings. These samples will be submitted for TPH, BTEX and chloride analysis using approved OCD methods. The results of these samples should provide sufficient analytical data to determine if additional soil remediation is required.

The file also provides sample results from the pasture area. The file indicates TPH and BTEX levels are below RRALs. Chloride concentrations were 1,970 ppm at the surface and 528 ppm at a depth of three feet. The proposed action was to deep rip the area which was reportedly approved by the ranch manager. To evaluate if additional activities are warranted, we propose to inspect the area and compare the vegetation present in this area with the surrounding land. If the vegetative coverage is similar, we propose no further action.

When the sample results are available and the site inspection is complete, the documentation will be provided to OCD along with a proposed scope of any additional activities that may be required. If OCD agrees no further action is required, a final C-141 will be submitted.

Thanks,

Daniel K. Gibson, P.G. Permian Basin Regional Manager

KC Harvey Environmental, LLC 7 Sunnygrove Drive Odessa, Texas 79761 USA

Mobile: 432-312-7717 www.kcharvey.com



From:	Dan Gibson <dgibson@kcharvey.com></dgibson@kcharvey.com>
Sent:	Friday, January 19, 2018 1:01 PM
То:	Bratcher, Mike, EMNRD
Cc:	Chase Settle (chase_settle@eogresources.com)
Subject:	2RP-168 Gulf State Com#1

Mike – I talked with Chase at EOG. They have set an internal target of May 1, 2018 to close this project. Do you think we can make this target date? Completion by May 1 allows the seeding to be performed at a good time of the year. I know you're likely swamped, so let me know if there is anything I can do to assist in this process.

Thanks,

Daniel K. Gibson, P.G. Permian Basin Regional Manager

KC Harvey Environmental, LLC 2626 JBS Parkway Suite B120 Odessa, Texas 79761 USA

Office 432-614-6096 Mobile: 432-312-7717 www.kcharvey.com



From:	Bratcher, Mike, EMNRD
Sent:	Monday, March 5, 2018 12:56 PM
То:	'Dan Gibson'
Cc:	Chase Settle (chase_settle@eogresources.com)
Subject:	RE: Gulf KC State Com#1 2RP-168

RE: EOG Y * Gulf KC St Com 1 * 2RP-168 * DOR: 4/28/08

Dan,

Your proposal to re-evaluate the above referenced release site is approved. Please advise once activities at the site have been scheduled.

Mike Bratcher NMOCD District 2 811 South First Street Artesia, NM 88210 575-748-1283 Ext 108

OCD approval does not relieve the operator of liability should their operations fail to adequately investigate and remediate contamination that may pose a threat to ground water, surface water, human health or the environment. In addition, OCD approval does not relieve the operator of responsibility for compliance with any other federal, state, local laws and/or regulations.

From: Dan Gibson [mailto:dgibson@kcharvey.com]
Sent: Monday, January 8, 2018 11:23 AM
To: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>
Cc: Chase Settle (chase_settle@eogresources.com) <chase_settle@eogresources.com>
Subject: RE: Gulf KC State Com#1 2RP-168

Mike –

Happy New Year!

I just wanted to check in and see if you have had an opportunity to review the documents I sent.

Thanks,

Daniel K. Gibson, P.G. Permian Basin Regional Manager

KC Harvey Environmental, LLC 2626 JBS Parkway Suite B120 Odessa, Texas 79761 USA

Office 432-614-6096 Mobile: 432-312-7717 www.kcharvey.com



From: Dan Gibson Sent: Tuesday, December 19, 2017 12:13 PM To: Mike Bratcher (<u>mike.bratcher@state.nm.us</u>) Cc: Chase Settle (<u>chase_settle@eogresources.com</u>) Subject: Gulf KC State Com#1 2RP-168

Mike:

Thanks again for getting the file on the OCD website. I've reviewed the file and prepared the attached summary. I've also included a copy of the documents in the OCD file.

The June 23, 2008 Spill Summary and Workplan provides documentation on the remediation and sampling activities in early June 2008. It also provides a workplan for the issues required to close the site. While the file does not indicate these activities were completed, the absence of a soil stockpile and the fact there is no open excavation on site suggest these activities may be complete. The remaining remediation activities were focused on the gun barrel tank area. To evaluate if this area was remediated, we propose to collect soil samples from two shallow soil borings. These samples will be submitted for TPH, BTEX and chloride analysis using approved OCD methods. The results of these samples should provide sufficient analytical data to determine if additional soil remediation is required.

The file also provides sample results from the pasture area. The file indicates TPH and BTEX levels are below RRALs. Chloride concentrations were 1,970 ppm at the surface and 528 ppm at a depth of three feet. The proposed action was to deep rip the area which was reportedly approved by the ranch manager. To evaluate if additional activities are warranted, we propose to inspect the area and compare the vegetation present in this area with the surrounding land. If the vegetative coverage is similar, we propose no further action.

When the sample results are available and the site inspection is complete, the documentation will be provided to OCD along with a proposed scope of any additional activities that may be required. If OCD agrees no further action is required, a final C-141 will be submitted.

Thanks,

Daniel K. Gibson, P.G. Permian Basin Regional Manager

KC Harvey Environmental, LLC 7 Sunnygrove Drive Odessa, Texas 79761 USA

Mobile: 432-312-7717 www.kcharvey.com



District I 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3470 Fax: (505) 476-3462

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

CONDITIONS

Operator:	OGRID:
EOG Y RESOURCES, INC.	25575
104 S 4th St	Action Number:
Artesia, NM 88210	375408
	Action Type:
	[IM-SD] Incident File Support Doc (ENV) (IM-BNF)

CONDITIONS

Created By		Condition Date
bhall	Historical documentation upload	8/20/2024

Page 32 of 32

Action 375408