

Highlander Environmental Corp.

Midland, Texas

March 14, 2008

Mr. Rick Kerby HES Specialist - Frontier RMT OXY USA WTP LP 102 S. Main Street P.O. Box 1988 Carlsbad, New Mexico 888221-1988

Re: Assessment Report and Closure Plan for the Pogo Producing Company (Now OXY, USA, Inc.), Lost Tank 33 Federal #10 Well, Unit Letter A, Section 33, Township 21 South, Range 31 East, Eddy County, New Mexico.

Dear Mr. Kerby:

Highlander Environmental Corp. (Highlander) was contacted by Pogo Producing Company (Now Oxy, USA, Inc.), to assess a spill at the Lost Tank 33 Federal #10 well site located in Unit Letter A, Section 33, Township 21 South, Range 31 East, Eddy County, New Mexico (Site).

Background

According to the New Mexico Oil Conservation Division (OCD) Form C-141 (Initial) the spill occurred on January 27, 2008 from a flowline leak. An unknown quantity of oil and produced water was released, with 310 barrels of fluid recovered with a vacuum truck. A copy of the State of New Mexico C-141 (Initial) is included in Appendix A. The Site is shown on Figure 1.

Groundwater

According to Ground Water Report 3, "Geology and Ground-Water Resources of Eddy County, New Mexico", there are no water wells in Township 21 South, Range 31 East. The closest water well was listed in the New Mexico Office of the State Engineer, WATERS database in Section 16, T-21-S, R-31-E, with a reported depth to water of 630' bgs. Copies of the water level data are enclosed in Appendix B.

Midland, Texas 79705

(432) 682-4559

A risk-based evaluation was performed for the Site in accordance with the New Mexico Oil Conservation Division (NMOCD) Guidelines for Remediation of Leaks, Spills and Releases, dated August 13, 1993. The guidelines require a risk-based evaluation of the site to determine recommended remedial action levels (RRAL) for benzene, toluene, ethylbenzene and xylene (collectively referred to as BTEX) and total petroleum hydrocarbons (TPH) in soil. The proposed RRAL for benzene was determined to be 10 parts per million (ppm) or milligrams per kilogram (mg/kg) and 50 ppm for total BTEX (sum of benzene, toluene, ethylbenzene, and xylene). Based upon the depth to groundwater, the proposed RRAL for TPH is 5,000 mg/kg.

Assessment and Results

Prior to Highlander's inspection of the site, visually impacted soils had been worked in place. On January 28, 2008, Highlander personnel were onsite to collect soil samples from the spill area. The spill area measured approximately 180' long at a width varying from 40' to 85'. A total of five (5) auger holes (AH-1, AH-2, AH-3, AH-4 and AH-5) were installed using a stainless steel hand auger to assess the impacted soils. Samples were analyzed for TPH analysis by EPA method 8015 modified and chloride by EPA method 300.0. Selected samples were analyzed for BTEX by EPA Method 8021B. Copies of the laboratory analysis and chain-of-custody documentation are included in Appendix B. The auger hole locations are shown on Figure 2. The results of the sampling are summarized in Table 1.

Referring to Table 1, TPH concentrations exceeded the RRAL in AH-1 to a depth of 7.0', AH-4 to a depth of 3.0' and AH-5 to a depth of 7.0' below surface. In addition, benzene and the total BTEX concentrations exceeded the RRAL in AH-4 to a depth of 3.0' and decline below reporting limit at 4-5' below surface. AH-5 also showed total BTEX exceeding the RRAL to a depth of 7.0' below surface and decline at 8-9' below surface. Chloride concentrations were below 100 mg/kg in all samples except AH-3 (0-1') AH-4 (0-1') and AH-5. The deepest chloride impact was encountered in AH-5 with chloride concentrations decreasing from 11,000 mg/kg at 0-1' to 1,520 mg/kg at 8'-9' below surface.

Work Plan

With the exception of AH-5, the areas exceeding the RRAL TPH and BTEX will be removed, stockpiled and remediated onsite. Based on the limited chloride impact in these areas, the stockpiles will be worked onsite and periodic sampled for TPH and BTEX. Once below the RRAL, the stockpiles will be placed back into the excavated areas. If elevated chlorides are present, the soil stockpiles will be hauled to disposal.

In the area of AH-5, elevated chloride concentrations were detected the subsurface soils. This area will segregated from other stockpiles and hauled to proper disposal. With the removal, the majority of chloride impacted soil will be eliminated. The remaining chloride concentrations decline with depth. Based on the depth to groundwater, the limited aerial extent and chloride concentration decline, the residual chloride concentrations do not appear to be an imminent threat to groundwater.

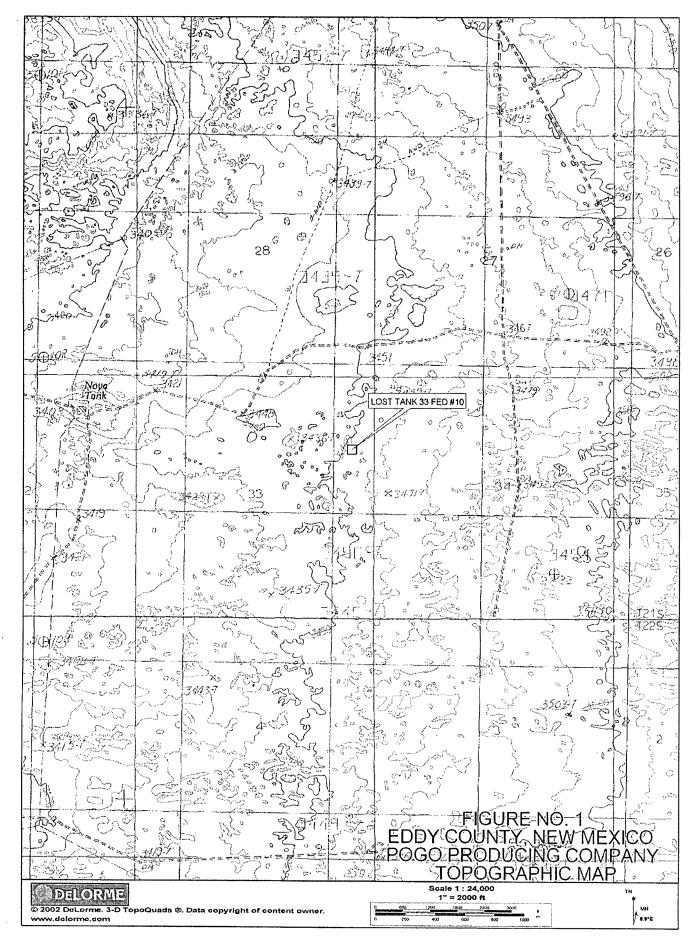
Once the remedial activities are performed, closure of this site will be requested. If you require any additional information or have any questions or comments concerning the assessment/closure plan, please call at (432) 682-4559.

Respectfully submitted, Highlander Environmental Corp.

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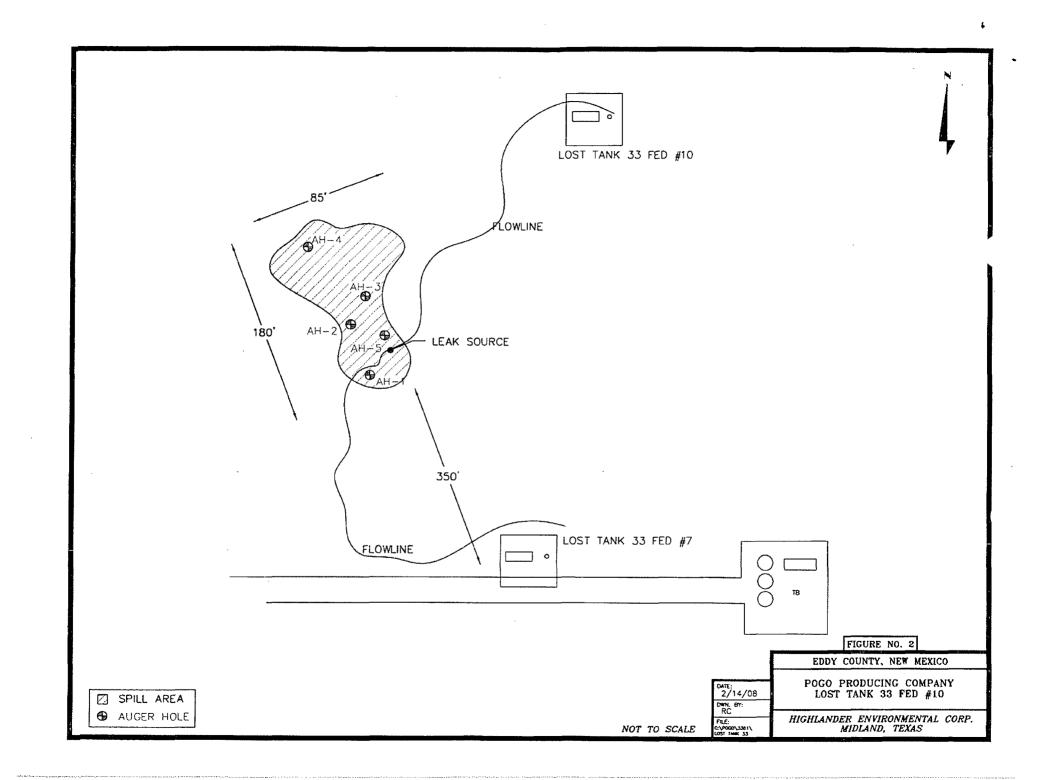
Timothy M. Reed, P.G. Vice President

cc: Mike Bratcher - NMOCD



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Table 1 **OXY USA (Former Pogo Producing Company)** Lost Tank 33 Federal #10 Eddy County, New Mexico

AH-1	Sampled 1/28/2008	Depth (ft)	GRO	DRO	Total	(mg/kg)		Ethlybenzene	1	(1
	1/28/2008	(0.11)		4		(my/ky)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	
		(0-1')	87.7	2360	2,448	-	-	_	-	<100	
	1/28/2008	(2-3')	155	2680	2,835	-	-	_	-	<100	
	1/28/2008	(4-5')	556	4660	5,216	-	-	-	÷	<100	
	1/28/2008	(6-7')	718	7290	₹ 8,008	<0.100	0.41	1.27	9.50	<100	
	1/28/2008	(8-9')	194	1410	1,604	**	-	-	-	<100	
•											Alts of Alts of Alt
AH-2	1/28/2008	(0-1')	<1.00	65.8	65.8	-	Ŧ	-	~	<100	15 jhis
	1/28/2008	(2-3')	<1.00	<50.0	<50.0	-	-	-	-	<100	In The lace
	1/28/2008	(4-5')	<1.00	<50.0	<50.0	**	-	+	-	<100	1 in roses
											ppoppo "
AH-3	1/28/2008	(0-1')	1.12	<50.0	1.12		-	-		3,450-1	Site
	1/28/2008	(2-3')	<1.00	<50.0	<50.0	-	-	-	+	<100	rentim
	1/28/2008	(4-5')	<1.00	<50.0	<50.0	-	-	-	-	<100	16 the trong
	·, ·····			Ĺ							Blenn
AH-4 1	1/28/2008	(0-1')	3800	10300	14,100	-	-	-	-	² 860	"DCC
	1/28/2008	(2-3')	4500	16300	20,100	8.20	78.6	39.4	167	<100	BITEX = 29.
	1/28/2008	(4-5')	2.43	<50.0	2.43	<0.0100	<0.0100	<0.0100	<0.0100	<100	-
AH-57 1	1/28/2008	(0-1')	831	11000	11,831	_	_		-	11,000	
	1/28/2008	(2-3')	4060	4740	8,800	1.64	25.6	15.3	65.0	10,700	BTEX = 107. BTEX = 131
j	1/28/2008	(4-5')	1910	4590	6,500	-	-	-	-	8,650	1
]	1/28/2008	(6-7')	1440	8190	9,630	0.552	27.1	20.6	90.5	3,990	BTEX= 13
,	1/28/2008	(8-9')	<50.0	24.7	24.7	< 0.005	0.111	0.0642	0.184	1,520	

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State of New Mexico Energy Minerals and Natural Resources

Form C-141 Revised June 10, 2003

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

			Rele	ease Notific	atior	and Co	orrective A	ction			
						OPER	ATOR	\boxtimes	Ini	tial Report 🔲	Final Report
Name of Co	mpany: Po	go Produci	ng Comp	any			ghlander Enviro		p. as	agent for PXP	
Address: P				79702			No. (432) 682-4.	559			
Facility Nat	ne: Lost Ta	ink 33 Fede	eral #10	··-		Facility Typ	e: Well Site				
Surface Ow	ner BLM			Mineral C)wner	BLM		Lea	ise No	o. NM-96231	
				LOCA	TIOI	N OF REI	LEASE				
Unit Letter A		Township 21S	Range 31E	Feet from the 660'	North/ North	South Line	Feet from the 330'	East/West L East	ine	County Eddy	
			La	titude							
,				NAT	URE	OF REL					
Type of Rele							Release unknown			ecovered 310 bl	
Source of Re	lease Flowlin	ne leak				Date and F	lour of Occurrence	e Date 01/2		lour of Discovery	Ý
Was Immedi	ate Notice Gi	ven?				If YES, To					
		\boxtimes	Yes 🗌	No 🗌 Not Re	quired	Mike Brate	cher (Voice Mail),	, OCD and Jin	n Amo	os of BLM	
By Whom? Jody Bennett			•			Date and H 01/27/08	lour				
Was a Water		ned?					olume Impacting t	he Watercour	se.		
			Yes 🛛	No			1				
If a Watercon	urse was Impa	acted, Descri	ibe Fully.	*		-1					
Describe Cau					0.01			e 11			
2008.	ced off and w	ater with an	unknown	volume released.	Of the	unknown ame	ount, 310 barrels o	of oil and wate	er werd	e recovered on Ja	nuary 27,
Describe Are					emove	310 barrels o	foil and water. Th	e remaining :	imnact	ted sails were wo	orked and
impacted are	as will be ass	essed and re	mediated	to NMOCD guide	elines.			ie remaining	mpace		
I hereby cert	ify that the in	formation gi	ven abov	e is true and comp	lete to t		knowledge and u				
							nd perform correc arked as "Final R				
							ion that pose a thr				
or the enviro	nment. In ad	dition, NMC	CD accept	ptance of a C-141	report d	oes not reliev	e the operator of	responsibility	for co	impliance with ar	iy other
federal, state	, or local law:	s and/or regu	ilations.						011		
	07	o i					OIL CON	SERVATI	<u>ON</u>	DIVISION	
Signature:	Vim 6	Read									
Printed Nam	e: Tim Ree	d, P.G.				Approved by	District Supervis	or:			
Title: Vice P	resident					Approval Da	te:	Expira	ntion E	Date:	
E-mail Addr	- ree trood/abs	o-onviro oor				Conditions o	f Approval:				
C-mail Auton	uss <u>inceataine</u>	c-cnviro.con	U.			Continuons 0	r vybhrovar:			Attached	

Date: 1/28/08 Phone: (432 682-4559

* Attach Additional Sheets If Necessary

Water Well Data Average Depth to Groundwater (ft) OXY - Lost Tank 33 #10, Eddy County, New Mexico

20 5	South	3	1 East	·	1	20 \$	South	3	32 East			20 \$	South	3	3 East	
5	4	3	2	1	6	5	4	3	2	1	6	5 325	4	3	2	1
8 .	9	10	11	12	7	8	9	10	11	12	7	8	9	10	11	12
17	16	130	14	13	18	17	16	15	14	13	18	17	16	15	14	13
20	21	22	23	24	19	20	21	22	23	24	19	20	21	22	23	24
29	28	27	26	25	30	29	28	27	26	25	30	29	28	27	26	25
32	33	34	35	36 80	31	32	33	34	35	36	31	32	33	34	35	36
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8	9	10	11	12	7	8	9	10	11	12	7	8	9	10	11	12
17	16	15	14	13	18	17	16	15	14	13	18	17	16	15	14	13
20	21	22	23	24	19	20	<u>630</u> 21	22	23	24	19	20	21	22	23	24
29	28	27	26	25	30	29	28	27	26	25	30	29	28	27	26	25
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8	9	10	11	12	7	8	9	10	11	12	7	8	9	10	11	12
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29	28	256	26	25	30	29	28	27	26	25	<u>280</u> 30	29	28	27	26	25
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17 16 15 14 13 20 21 22 23 24 20 21 22 23 24 32 33 34 35 36 80 10 11 12 18 17 16 15 14 13 18 17 16 15 14 13 20 21 22 23 24 20 21 22 23 24 30 29 28 27 26 25 31 32 33 34 35 36 31 32 33 34 35 36 31 22 23 34 35 36 32 10 11 12 13 16 17 16 15 14 13 30 27

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88 New Mexico State Engineers Well Reports

105 USGS Well Reports

90 Geology and Groundwater Conditions in Southern Lea, County, NM (Report 6) Geology and Groundwater Resources of Eddy County, NM (Report 3)

34 NMOCD - Groundwater Data

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	New Mexico Oj POD Rep	ffice of the Si orts and Dov	 neer	
Township: 21S	Range: 31E	Sections:		
NAD27 X:	Y:	Zone:	Search Radius:	
County:	Basin:		Number:	Suffix:
Owner Name: (First)	(La:	st) () All	 ○Non-Domestic	ODomestic
POD / Sur	face Data Report		 to Water Report	
	Clear Form	er Column Rep	 Нер	

		AVER	AGE E	DEPTH OF	WATER	REPORT	03/17	1/20	08		
									(Depth	Water in	Feet)
Bsn	Tws	Rng	Sec	Zone	Χ.	3	[We]	lls	Min	Max	Avg
С	21S	31E	16					1	630	630	630
Reco	rd Co	unt:	1								

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	New Mexico Oj POD Rep	ffice of the S orts and Do		
Township: 20S	Range: 31E	Sections:		
NAD27 X:	Y:	Zone:	Search Radius:	
County:	Basin:		Number:	Suffix:
Owner Name: (First)	(Las	st)	O Non-Domestic	ODomestic
POD / Su	rface Data Report	er Column Re	Avg Depth to Water Report	כ
(Clear Form	iWATERS	Menu Help	

AVERAGE DEPTH OF WATER REPORT 03/17/2008

							(Depth	Water in	Feet)
Bsn	Tws	Rng Sec	Zone	х	Y	Wells	Min	Max	Avg
СР	20S	31E 10				1	130	130	130
CP	20S	31E 36				1	80	80	80

Record Count: 2

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		<i>Office of the Sta</i> ports and Dow		neer	
Township: 20S	Range: 33E	Sections:			
NAD27 X:	Y:	Zone:		Search Radius:	
County:	Basin:			Number:	Suffix:
Owner Name: (First)	(L	ast) @ All		⊖Non-Domestic	ODomestic
POD / S	urface Data Repor	t Av ter Column Repo		to Water Report	
	Clear Form	(iWATERS M	enu	Help	
AVERAGE DEPTH	OF WATER REP	ORT 03/17/200		Water in Feet)
Bsn Tws Rng Sec Zon CP 20S 33E 05	ie X	Y Wells 1	Min 325	Max Av 325 32	a

Record Count: 1

http://iwaters.ose.state.nm.us: 7001/iWATERS/WellAndSurfaceDispatcher

3/17/2008

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	New Mexico Office of the State Engineer POD Reports and Downloads												
Township: 22S	Range: 30E	Sections:											
NAD27 X:	Y:	Zone:	Search Radius:										
County:	Basin:		Number:	Suffix:									
Owner Name: (First)	(La	st) @All	⊖Non-Domesti	c O Domestic									
POD / St	urface Data Report	er Column Rep	Avg Depth to Water Report										
	Clear Form (iWATERS	Menu Help										

AVERAGE DEPTH OF WATER REPORT 03/17/2008

							(Depth	Water in	Feet)
Bsn	Tws	Rng Sec	Zone	x	Y	Wells	Min	Max	Avg
С	22S	30E 22				1	262	262	262
С	225	30E 33				1	155	155	155

Record Count: 2

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	New Méxicia Offfa offite State Eligipieuw POD: Reportstand Diverhiadsis												
Townstapp:	228	RRagge:	31E	Sections:s:									
NX DDZ 7 XX:		YY:		Zønete:	Search	Radidisis:							
Country:		Blisian			Niximit	ndner:	S&MA						
OtymereNalmere (Hirist)			(l(ås	t) () () A.N II	O Notor	DB mextic ie –	🔿 DDmæstític						
PO	D/S	urface Data		t IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	Avg Depth to Wate	er Report	(*)						
	(Clear F	orm	IWATERS	Menu								

AVERAGE: DEPTHIOF WATER PREPORT TO 3/3177//2008 8

							(Qepth:WaterrinoFeet):)					
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0.0	2288	3.28.52420				33	4545	488	47.			
0.0	2287	31616223				8 8	4911	450.0	4 4 4			
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Récord Country 13 2

http://iwaters.ose.state.nm.us:7001/iWATERS/WellAndSurfaceDispatcher

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	New Mexico Oj POD Rep	<i>ffice of the</i> orts and D		
Township: 225	6 Range: 32E	Sections		
NAD27 X:	Y:	Zone:	Search Radius:	
County:	Basin:		Number:	Suffix:
Owner Name: (First)	(La:	st) @All	O Non-Domestic	ODomestic
POD /	Surface Data Report	er Column R	Avg Depth to Water Report	C
· ···· ·· ·· ···	Clear Form	IWATER	S Menu Help	

AVERAGE DEPTH OF WATER REPORT 03/17/2008

							(Depth	Water in	Feet)
Bsn	Tws	Rng Sec	Zone	х	Y	Wells	Min	Max	Avg
С	22S	32E 14				2	340	360	350
С	22S	32E 19				1	280	280	280

Record Count: 3

http://iwaters.ose.state.nm.us: 7001/iWATERS/WellAndSurfaceDispatcher

3/17/2008

Report Date: February 13, 2008 3381

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Summary Report

Ike Tavarez Highlander Environmental Services 1910 N. Big Spring Street Midland, TX, 79705

Report Date: February 13, 2008

Work Order: 8012932

Project Name: Pogo/Lost Tank 33 Fed #10 Project Number: 3381

			Date	Time	Date
Sample	Description	Matrix	Taken	Taken	Received
149138	AH-1 (0-1')	soil	2008-01-28	00:00	2008-01-29
149139	AH-1 (2-3')	soil	2008-01-28	00:00	2008-01-29
149140	AH-1 (4-5')	soil	2008-01-28	00:00	2008-01-29
149141	AH-1 (6-7')	soil	2008-01-28	00:00	2008-01-29
149142	AH-1 (8-9 [°])	soil	2008-01-28	00:00	2008-01-29
149143	AH-2 (0-1')	soil	2008-01-28	00:00	2008-01-29
149144	AH-2 (2-3')	soil	2008-01-28	00:00	2008-01-29
149145	AH-2 (4-5')	soil	2008-01-28	00:00	2008-01-29
149146	AH-3 (0-1')	soil	2008-01-28	00:00	2008-01-29
149147	AH-3 (2-3 [*])	soil	2008-01-28	00:00	2008-01-29
149148	AH-3 (4-5 [*])	soil	2008-01-28	00:00	2008-01-29
149149	AH-4 (0-1')	soil	2008-01-28	00:00	2008-01-29
149150	AH-4 (2-3')	soil	2008-01-28	00:00	2008-01-29
149151	AH-4 (4-5 [°])	soil	2008-01-28	00:00	2008-01-29
149152	AH-5 (0-1 ²)	soil	2008-01-28	00:00	2008-01-29
149153	AH-5 (2-3')	soil	2008-01-28	00:00	2008-01-29
149154	AH-5 (4-5')	soil	2008-01-28	00:00	2008-01-29
149155	AH-5 (6-7 [*])	soil	2008-01-28	00:00	2008-01-29
149156	AH-5 (8-9')	soil	2008-01-28	00:00	2008-01-29

]	BTEX		TPH DRO	TPH GRO
	Benzene	Toluene	Ethylbenzene	Xylene	DRO	GRO
Sample - Field Code	(mg/Kg)	(mg/Kg)	(mg/1(g)	(mg/Kg)	(mg/Kg)	(mg/Kg)
149138 - AH-1 (0-1')					2360	87.7
149139 - AH-1 (2-3')					2680	155
149140 - AH-1 (4-5')					4660	556
149141 - AH-1 (6-7')	< 0.100	0.410	1.27	9.50	7290	718
149142 - AH-1 (8-9')					1410	194
149143 - AH-2 (0-1')					65.8	<1.00
149144 - AH-2 (2-3')					< 50.0	<1.00
149145 - AH-2 (4-5')					< 50.0	<1.00
149146 - AH-3 (0-1')					<50.0	1.12
149147 - AH-3 (2-3')					<50.0	<1.00
149148 - AH-3 (4-5')					< 50.0	<1.00
149149 - AH-4 (0-1')					10300	3800
149150 - AH-4 (2-3')	8.20	78.6	39.4	167	16300	4500

continued ...

Report Date: February 13, 2008	Work Order: 8012932	Page Number: 2 of 4
3381	Pogo/Lost Tank 33 Fed #10	

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		1	BTEX	· · · · · · · · · · · · · · · · · · ·	TPH DRO	TPH GRO
	Benzene	Toluene	Ethylbenzene	Xylene	DRO	GRO
Sample - Field Code	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/i(g)	(mg/Kg)
149151 - AH-4 (4-5 ¹)	<0.0100	<0.0100	< 0.0100	<0.0100	<50.0	2.43
149152 - AH-5 (0-1')	20.0200	2010200	2010100	CU.0200	11000	831
149153 - AH-5 (2-3')	1.64	25.6	15.3	65.0	4740	4060
149154 - AH-5 (4-5')	1.01	2010		00/0	4590	1910
149155 - AH-5 (6-7')	0.552	27.1	20.6	90.5	8190	1440
149156 - AH-5 (8-9')	<0.0500	0.111	0.0642	0.184	<50.0	24.7
Sample: 149138 - AH-	1 (0.12)					
Param	. ,		Result		Units	RL
	Flag					
Chloride			<100	m	g/Kg	2.00
Sample: 149139 - AH-	1 (2-3')					
Param	Flag		Result,		Units	RL
Chloride			<100	10	g/Kg	2.00
Sample: 149140 - AH-	1 (4-5')					
Param	Flag		Result		Units	RI
Chloride		······	<100	111	ig/Kg	2.00
Sample: 149141 - AH-	1 (6-7')					
Param	Flag		Result		Units	RL
Chloride			<100	111	g/Kg	2.00
Sample: 149142 - AH-	1 (8-9')					
Param	Flag		Result		Units	RI
Chloride			<100	11)	ng/Kg	2.00
Sample: 149143 - AH-	2 (0-1')					
Param	Flag		Result		Units	RI
Chloride	<u>0.</u>		<100		ng/Kg	2.0(
	0 /0 91					
-			D h		v = .	
Sample: 149144 - AH- Param Chloride	2 (2-3') Flag		Result <100		Units ng/Kg	

Report Date: February 13, 2008 3381	Work Order: 8012932 Pogo/Lost Tank 33 Fed #		Number: 3 of 4
Sample: 149145 - AH-2 (4-5')			
Param Flag	Result	Units	RL
Chloride	<100	mg/Kg	2.00
Sample: 149146 - AH-3 (0-1')			
Param Flag	Result	Units	RL
Chloride	3450	mg/Kg	2.00
Sample: 149147 - AH-3 (2-3')			
Param Flag	Result	Units	RL
Chloride	<100	mg/Kg	2.00
Sample: 149148 - AH-3 (4-5')			
Param Flag	Result	Units	RL
Chloride	<100	mg/Kg	2.00
Sample: 149149 - AH-4 (0-1')	•		
Param Flag Chloride	0.00	Units	RL 2.00
Chioride .	000	mg/Kg	2.00
Sample: 149150 - AH-4 (2-3')			
Param Flag		Units	RL
Chloride	<100	mg/Kg	2.00
Sample: 149151 - AH-4 (4-5')			
Param Flag		Units	\mathbf{RL}
Chloride	<100	mg/Kg	2.00
Sample: 149152 - AH-5 (0-1')			
Param Flag	Result	Units	RL
Chloride	11000	mg/Kg	2.00
Sample: 149153 - AH-5 (2-3')			continued

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Report Date: Febru 3381	uary 13, 2008	Work Order: 8012932 Pogo/Lost Tank 33 Fed #10		
sample 149153 con	tinued			
Param	Flag	Result	Units	RL
Param	Flag	Result	Units	RL
Chloride		10700	mg/Kg	2.00
Sample: 149154 -	- AH-5 (4-5')			
Param	Flag	Result	Units	RL
Chloride	•	8650	mg/Kg	2.00
Sample: 149155	- AH-5 (6-7')			
Param	Flag	Result	Units	RL
Chloride		3990	mg/Kg	2.00
Sample: 149156	- AH-5 (8-9')			
Param	Flag	Result	Units	RL
Chloride		1520	mg/Kg	2.00

Report Date: February 13, 2008 3381

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Summary Report

Ike Tavarez Highlander Environmental Services 1910 N. Big Spring Street Midland, TX, 79705

Report Date: February 13, 2008

Work Order: 8012932

Project Name: Pogo/Lost Tank 33 Fed #10 Project Number: 3381

			Date	Time	Date
Sample	Description	Matrix	Taken	Taken	Received
149142	AH-1 (8-9')	soil	2008-01-28	00:00	2008-01-29
149156	AH-5 (8-9 [*])	soil	2008-01-28	00:00	2008-01-29

	BTEX				TPH DRO	TPH GRO
	Benzene	Toluene	Ethylbenzene	Xylenc	DRO	GRO
Sample - Field Code	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)
149142 - AH-1 (8-9')					1410	194
149156 - AH-5 (8-9')	< 0.0500	0.111	0.0642	0.184	<50.0	24.7

Bonham, Sherry, EMNRD

From:Bonham, Sherry, EMNRDSent:Tuesday, March 04, 2008 9:26 AMTo:Rick_Kerby@oxy.comSubject:RE: Lost Tank 33 Fed 10 Work Plan Extension Request 30 015 29744 2RP-121

Rick,

When an Initial Report C-141 is received in this office, a request for a work plan within a thirty day period following receipt of the Initial C-141 is issued--hopefully allowing time for preliminary delineation/sampling and to formulate that work plan based on the soil samples analytical report. Given your circumstances of change of operators, an extension until April 30, 2008 can be approved. If this date cannot be achieved given reasonable and good cause, we can look at an additional extension.

Thanks for your attention to this matter. Should you have any questions or concerns, please don't hesitate to contact me.

Sherry

-----Original Message-----From: Rick_Kerby@oxy.com [mailto:Rick_Kerby@oxy.com] Sent: Monday, March 03, 2008 2:46 PM To: Bonham, Sherry, EMNRD Subject: Lost Tank 33 Fed 10

Sherry: This morning I received notification of need of work plan for above mentioned well, previously owned by POGO producing. On March 1, OXY Permian officially became the owners of this well. I received this today and you are awaiting a work plan due tomorrow. Could you please grant an extension for work plan till May 15, 2008? I will get on this ASAP, but do need a little time.

Thanks,

Rick Kerby HES Specialist Frontier RMT NM Carlsbad, NM 88220 O) 575-887-8337 C) 575-631-4972 rick kerby@oxy.com

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

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Log on to get into experietting,

Bonham, Sherry, EMNRD

From:	Bonham, Sherry, EMNRD
Sent:	Monday, February 04, 2008 1:51 PM
То:	treed@hec-enviro.com
Subject:	Lost Tank 33 Federal 10 Request for Work Plan
Importance	: High

February 4, 2008

Reference: Lost Tank 33 Federal #10 33-21S-31E API: 30-015-29744. Eddy County New Mexico 2RP-121

Operator,

The New Mexico Oil Conservation Division District 2 Office (OCD) is in receipt of an Initial Report Form C-141 reporting a release of produced fluids that occurred on or about January 26, 2008 at the above referenced well site. Please submit a work plan proposal (plan) for remediation, removal and/or clean up of contaminants that may be present at this site. The plan is to be formulated based on vertical and horizontal delineation of contamination, site ranking, and OCD Rules and Guidelines.

A publication outlining OCD guidelines and requirements for site ranking and spill remediation can be found on the OCD website as follows: <u>http://www.emnrd.state.nm.us/ocd</u> Click on each of the following items as they appear:

- Publications
- Environmental Handbook
- Miscellaneous Guidelines
- Remediation of Leaks, Spills and Releases

Please submit this plan to the OCD District 2 office no later than March 4, 2008. Please include any remedial or clean up actions that have already been performed.

Remediation requirements may be subject to other federal, state, local laws and/or regulations.

If I can be of assistance in this matter, please don't hesitate to contact me at the contact information listed below.

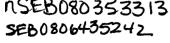
Respectfully,

Sherry Bonham

Sherry Bonham NMOCD District 2 1301 W. Grand Ave. Artesia, NM 88210 (505) 748-1283 Ext.109 sherry.bonham@state.nm.us

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525 N. French Dr., Hobbs, NM 88240 istrict II	Sta Energy Min		New Mexi and Natura				Form C-141 Revised June 10, 2003	
801 W. Grand Avenue, Artesia, NM 88210 istrict III							Submit 2 Copies to appropriate	
100 Rio Brazos Road, Aztec, NM 87410 istrict IV	Oil Conservation Division 1220 South St. Francis Dr.					District Office in accordance with Rule 116 on back		
120 S. St. Francis Dr., Santa Fe, NM 87505	Santa Fe, NM 87505				side of form			
/7 <i>89</i> / R	elease Notific				ction			
0-015-29744			OPER				iitial Report 🔲 Final Repo	
Name of Company: Pogo Producing Co	ompany			ghlander Enviro	onmenta		COLUMN THE REAL PROPERTY OF THE PROPERTY OF TH	
Address: P.O. Box 10340 Midland, Texas 79702			Telephone No. (432) 682-4559					
Facility Name: Lost Tank 33 Federal #	10		Facility Typ	e: Well Site				
Surface Owner BLM	Mineral O	wner	BLM			Lease N	Io. NM-96231	
	LOCA	TION	N OF REI	LEASE				
Jnit LetterSection\ 33Township 21SRan 31E		North/ North	South Line	Feet from the 330'	East/W East	Vest Line	County Eddy	
I	Latitude		Longitu	de	1		I	
		URE	OF REL					
ype of Release Oil/Water				Release unknow			Recovered 310 bbls	
Source of Release Flowline leak			01/26/08	lour of Occurrenc	×	Date and 01/27/08	Hour of Discovery	
Vas Immediate Notice Given?	No Not Rea	quircd	If YES, To Mike Brate	Whom? ther (Voice Mail)	, OCD a	nd Jim An	nos of BLM	
By Whom?	·		Date and H 01/27/08	lour				
ody Bennett Vas a Watercourse Reached?				olume Impacting t	the Wate	crcourse.		
Yes	🛛 No							
	ally.*							
t a Watercourse was Impacted, Describe Fi								
•				·····				
Describe Cause of Problem and Remedial A Towline leaked oil and water with an unkno		Of the u	unknown ame	ount, 310 barrels	of oil an	d water we	re recovered on January 27,	
Describe Cause of Problem and Remedial A Towline leaked oil and water with an unkno 2008. Describe Area Affected and Cleanup Action	own volume released.							
Describe Cause of Problem and Remedial A Flowline leaked oil and water with an unkne 2008. Describe Area Affected and Cleanup Action Flowline leaked to pasture land. A vacuum mpacted areas will be assessed and remedia	own volume released. 1 Taken.* truck was utilized to re- ated to NMOCD guide	emove 3 lines.	310 barrels of	foil and water. T	he rema	ining impa	cted soils were worked and	
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