

KERR-McGEE OIL & GAS ONSHORE, LP  
 2014 ANNUAL PROJECT SUMMARY TABLE  
 Tasman Geosciences, LLC

Incident Date	Remediation No.	Site Name	API / Facility ID	Status	NFA Proposed	NFA Approved Date	2014 Site Summary (monitoring/remediation/wells installed or destroyed)	Wells Sampled (Last Quarter) 2014	Wells Exceeding 5 µg/L Benzene (Last Quarter Sampled 2014)	Benzene Range (µg/L) (Last Quarter Sampled 2014)	POC Established	2015 Recommendations	Well Reduction Request
6/10/2014	N/A	Wirkner-Vance 3C-36HZ	331676	On-going assessment	No	N/A	Excavation of source material complete	N/A	N/A	N/A	No	Installation of temporary monitoring wells / Initiate quarterly groundwater monitoring / Develop and implement remedial strategy	No

received 09/15/2015  
 Project 9479  
 Spill 437690  
 Document 2525940

**TABLE 1**  
**WIRKNER-VANCE 3C-36HZ**  
**2014 GROUNDWATER SAMPLE RESULTS SUMMARY TABLE**  
**KERR-McGEE OIL AND GAS ONSHORE LP**

Sample ID	Date Sampled	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)
<b>COGCC Table 910-1 Groundwater Standard (ug/L) <sup>(1)</sup></b>		<b>5</b>	<b>560</b>	<b>700</b>	<b>1,400</b>
GW01	6/10/2014	<b>6,732</b>	<b>7,088</b>	292	<b>3,507</b>

**Notes:**

1. Groundwater standards referenced from 2 CCR 404-1, Table 910-1, effective February 1, 2014.

COGCC = Colorado Oil and Gas Conservation Commission

ug/L = Micrograms per liter

(<) = Analytical result is less than the indicated laboratory reporting limit.

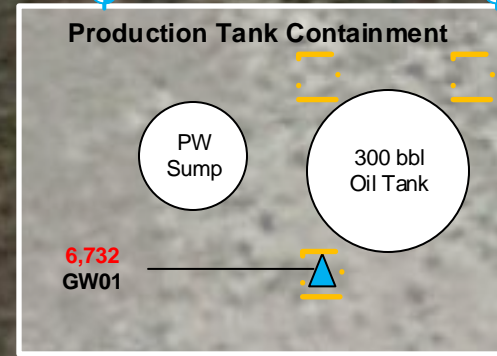
**BOLD**= Analytical result is in exceedance of COGCC groundwater standards.



Surface Drainage



Flares



Production Tank Containment

PW Sump

300 bbl Oil Tank

6,732  
GW01



Separator Containment

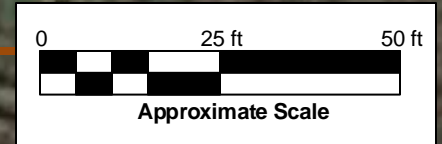


Separator Containment

Image Source:  
Google Earth 2014

Benzene Concentrations Listed Above Sample ID.  
TPH Concentrations Listed Below Sample ID.  
Soil concentrations in mg/kg  
Groundwater concentrations in ug/L

Tank Battery Property Boundary



DRAWN BY: KF

**Facility Diagram**  
Kerr-McGee Oil and Gas Onshore, LP  
Wirkner – Vance 3C-36HZ  
SWSW S36 T3N R67W  
Weld County, CO



6899 Pecos St., Unit C  
Denver, CO 80221

LEGEND




-  Approximate Excavation Extent
-  Groundwater Sample Location
-  Proposed Temporary Monitoring Well location

Figure 1