

NMOCD Notified: 11/16/2009

Site Information and Metrics

SITE <b>Malaga A 002</b>		Assigned Site Reference #.	
Company Southwest Royalties, Inc			
Street Address: 6 Desta Drive, Ste 2100			
Mailing Address: 6 Desta Drive, Ste 2100			
City, State, Zip Midland, Texas 79705			
Representative Dawn M Howard			
Representative Telephone: 432 688.3267			
Telephone			
Fluid volume released (bbls): <b>5 BF</b>		Recovered (bbls): <b>5 BF</b>	
>25 bbls Notify NMOCD verbally within 24 hrs and submit form C-141 within 15 days (Also applies to unauthorized releases >500 mcf Natural Gas)			
5-25 bbls Submit form C-141 within 15 days (Also applies to unauthorized releases of 50-500 mcf Natural Gas)			
Leak, Spill, or Pit (LSP) Name: <b>Malaga A 002</b>			
Source of Contamination <b>Slow packer leaking</b>			
Land Owner, 1 e ,BLM, ST, Fee, Other: <b>Roxie L. Williams Trust, Margaret L. Fate, Trustee</b>			
LSP Dimensions:			
LSP Area:			
Location of Reference Point (RP)			
Location distance and direction from RP			
Latitude: <b>32.25256</b>			
Longitude: <b>104.06332</b>			
Elevation above mean sea level			
Feet from North Section Line: <b>660'</b>			
Feet from West Section Line: <b>660'</b>			
Location - Unit or 1/4 1/4		Unit Letter: <b>D</b>	
Location - Section <b>2</b>			
Location - Township <b>24S</b>			
Location - Range <b>28E</b>			
Surface water body within 1000' radius of site: <b>None</b>			
Surface water body within 1000' radius of site:			
Domestic water wells within 1000' radius of site: <b>None</b>			
Domestic water wells within 1000' radius of site:			
Agricultural water wells within 1000' radius of site: <b>None</b>			
Agricultural water wells within 1000' radius of site:			
Public water supply wells within 1000' radius of site: <b>None</b>			
Depth from land surface to ground water (DG): <b>&lt;50' per NMOCD Artesia and NM OSE Water Rights (at 487 meter radius)</b>			
Depth of Contamination (DC): <b>estimated to be 5'</b>			
Depth to ground water (DG - DC = DtGW): <b>50-5 = 45 ft</b>			
<b>1. Ground Water</b>		<b>2. Wellhead Protection Area</b>	
If Depth to GW <50 feet: <i>20 points</i>		If <1000' from water source, or; <200' from private domestic water source: <i>20 points</i>	
If Depth to GW 50 to 99 feet: <i>10 points</i>		If >1000' from water source, or; >200' from private domestic water source: <i>0 points</i>	
If Depth to GW >100 feet: <i>0 points</i>			
Ground Water Score = <b>20</b>		Wellhead Protection Area Score = <b>0</b>	
Site Rank (1+2+3)= <b>20</b>			
<b>Total Site Ranking Score and Acceptable Concentrations</b>			
Parameter	>19'	10 - 19	0 - 9
Benzene <sup>1</sup>	10 ppm	10 ppm	10 ppm
BTEX <sup>1</sup>	50 ppm	50 ppm	50 ppm
TPH	100 ppm	1000 ppm	5000 ppm
<sup>1</sup> 100 ppm field VOC headspace measurement may be substituted for lab analysis			

## Bratcher, Mike, EMNRD

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**From:** Debi Moore [debi@sportenvironmental.com]  
**Sent:** Tuesday, January 12, 2010 3:54 PM  
**To:** Bratcher, Mike, EMNRD  
**Cc:** Dawn Howard; Nick Williams  
**Subject:** FW: Southwest Royalties, Inc. - Malaga A 002 Site Ranking Criteria Form  
**Attachments:** Site Ranking Form.xls

I apologize for leaving off the attachment in my previous email.



**DEBI SPORT MOORE, M.E., R.E.P.A.**

*President*

Sport Environmental Services, PLLC  
502 North Big Spring Street  
Midland, Texas 79701  
debi@sportenvironmental.com  
Business: 432.683.1100  
Fax: 888.500.0622  
Cell: 432-553-8555

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----- Forwarded Message

**From:** Debi Moore <debi@sportenvironmental.com>  
**Date:** Tue, 12 Jan 2010 16:51:30 -0600  
**To:** Mike Bratcher <mike.bratcher@state.nm.us>  
**Cc:** Dawn Howard <dhoward@claytonwilliams.com>, Nick Williams <nick@sportenvironmental.com>  
**Conversation:** Southwest Royalties, Inc. - Malaga A 002 Site Ranking Criteria Form  
**Subject:** Southwest Royalties, Inc. - Malaga A 002 Site Ranking Criteria Form

Mike,

Attached please find the Site Ranking Criteria Form for the aforementioned Southwest Royalties' site. Nick Williams, Environmental Coordinator with Sport Environmental, will collect delineation samples tomorrow at the site around 2pm. We will call and notify you of the exact time once we get to the site and determine the time necessary to prep for sample collection.

Thank you for your approval.



DEBI SPORT MOORE, M.E., R.E.P.A

*President*

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----- End of Forwarded Message

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## Bratcher, Mike, EMNRD

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**From:** Bratcher, Mike, EMNRD  
**Sent:** Tuesday, January 12, 2010 11:04 AM  
**To:** 'Debi Moore'  
**Cc:** Dawn Howard  
**Subject:** RE: Southwest Royalties, Inc - Malaga A 002

Debi,

As we discussed this morning, your request for an extension is approved to February 12, 2010. Please submit the site ranking information and a remediation/closure proposal, based on site delineation and site ranking, by this date. You may commence the delineation process upon arrival at the site on Wednesday.

If you have any questions or concerns, please contact me.

Mike Bratcher  
NMOCD District 2

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**From:** Debi Moore [mailto:debi@sportenvironmental.com]  
**Sent:** Monday, January 11, 2010 4:18 PM  
**To:** Bratcher, Mike, EMNRD  
**Cc:** Dawn Howard  
**Subject:** Southwest Royalties, Inc - Malaga A 002

Mike,

Please excuse the email request. I made an attempt to contact you this afternoon, but your office was closed for the day. In response to your attached request, please let this email serve as 48 hour notification of sampling to commence at 4pm (NM) on Wednesday, January 13th. The attached documentation is in regards to a release that was brought to our attention this afternoon. We would like to request an extension to today's deadline. We are available to sample sooner than 48 hours if the NMOCD approves. Please advise if this is a possibility.

In addition, a site ranking criteria form, denoting groundwater depth and other criteria necessary to determine the appropriate clean-up levels, is being compiled. The form will be emailed to your attention (in the morning) once accurate water well information is obtained. We will call your office first thing in the morning to discuss sampling timing and the potential for an extension to allow Sport Environmental time to properly sample and delineate the site.

Happy New Year! I hope you enjoyed your holidays.

Thanks,



**DEBI SPORT MOORE, M.E., R.E.P.A.**

*President*

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**Bratcher, Mike, EMNRD**

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**From:** Debi Moore [debi@sportenvironmental.com]  
**Sent:** Thursday, January 14, 2010 7:14 AM  
**To:** Bratcher, Mike, EMNRD  
**Cc:** Nick Williams  
**Subject:** Southwest Royalties - Malaga A #2

Mike,

Sample collection did not take place yesterday. There are still hydrocarbon fluids present at the wellhead. We will need to stop the leak and clean-up the site prior to sampling. We will provide 48 hour notice of sampling once the site is clean.

Thank you,



**DEBI SPORT MOORE, M.E., R.E.P.A**

*President*

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