

State of Colorado
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 (303)894-2100 Fax:(303)894-2109



FOR OGCC USE ONLY

RECEIVED
1/16/2013

Spill report taken by: _____

FACILITY ID: _____

SPILL/RELEASE REPORT

This form is to be submitted by the party responsible for the oil and gas spill or release. Any spill or release which may impact waters of the State must be reported as soon as practicable; any spill over 20 bbls must be reported within 24 hours and all spills over five bbls must be reported within ten days. Submit a Site Investigation and Remediation Workplan (Form 27) when requested by the Director.

OPERATOR INFORMATION

Name of Operator: _____ OGCC Operator No: _____	Phone Numbers No: _____ Fax: _____ E-Mail: _____
Address: _____	
City: _____ State: _____ Zip: _____	
Contact Person: _____	

DESCRIPTION OF SPILL OR RELEASE

Date of Incident: _____ Facility Name & No.: _____	County: _____
Type of Facility (well, tank battery, flow line, pit): _____	QtrQtr: _____ Section: _____
Well Name and Number: _____	Township: _____ Range: _____
API Number: _____	Meridian: _____

Specify volume spilled and recovered (in bbls) for the following materials:

Oil spilled: _____ Oil recov'd: _____ Water spilled: _____ Water recov'd: _____ Other spilled: _____ Other recov'd: _____

Ground Water impacted? Yes No

Surface Water impacted? Yes No

Contained within berm? Yes No

Area and vertical extent of spill: _____ x _____

Current land use: _____ Weather conditions: _____

Soil/geology description: _____

IF LESS THAN A MILE, report distance **IN FEET** to nearest.... Surface water: _____ wetlands: _____ buildings: _____

Livestock: _____ water wells: _____ Depth to shallowest ground water: _____

Cause of spill (e.g., equipment failure, human error, etc.): _____ Detailed description of the spill/release incident: _____

CORRECTIVE ACTION

Describe immediate response (how stopped, contained and recovered):

Describe any emergency pits constructed:

How was the extent of contamination determined:

Further remediation activities proposed (attach separate sheet if needed):

Describe measures taken to prevent problem from reoccurring:

OTHER NOTIFICATIONS

List the parties and agencies notified (County, BLM, EPA, DOT, Local Emergency Planning Coordinator or other).

Date	Agency	Contact	Phone	Response

Spill/Release Tracking No: **2231696**

NARRATIVE ATTACHMENT - FORM 19

H29A North Parachute Ranch Pit Closure

Date of Discovery – 10/29/2012

Detailed description of the spill/release incident:

This Form 19 was prepared and submitted in accordance with COGCC Rule 905.c for the discovery of a spill/release during a pit closure. This form submittal also may include information indicated in the Form 27 submitted for this project. Tentative approval for the submitted Form 15 and 27 was provided on 11/05/2012, however a formal Facility ID and Remediation Number have not been received. The Location ID for the H29A is 335594.

The release and liner failure were identified when the soil beneath the liner was sampled in accordance with Rule 905.b.(4). The Date of Incident is the date that sample results were received which identified elevated levels of COGCC Table 910-1 constituents of concern.

Describe immediate response (how stopped, contained and recovered):

In accordance with COGCC Rule 905.b, a Form 27 was also submitted for this project. The Notification of Completion prepared for this location will detail remediation efforts.

Describe any emergency pits constructed:

No emergency pits were constructed.

How was the extent of contamination determined?:

In accordance with COGCC Rule 905.b, representative grab samples were collected from the pit bottom after removal of the pit liner and were analyzed for comparison to the allowable concentrations identified in Table 910-1. Sample analysis indicated total petroleum hydrocarbon (TPH) to be above the allowable concentration in five (5) below liner samples. Benzene exceedences were identified in one (1) below liner sample. Sample analysis also indicated that sodium absorption ratio (SAR), and arsenic levels were above allowable limits in the full suite sample collected in the center of the pit. The attached site diagram illustrates sample location points.

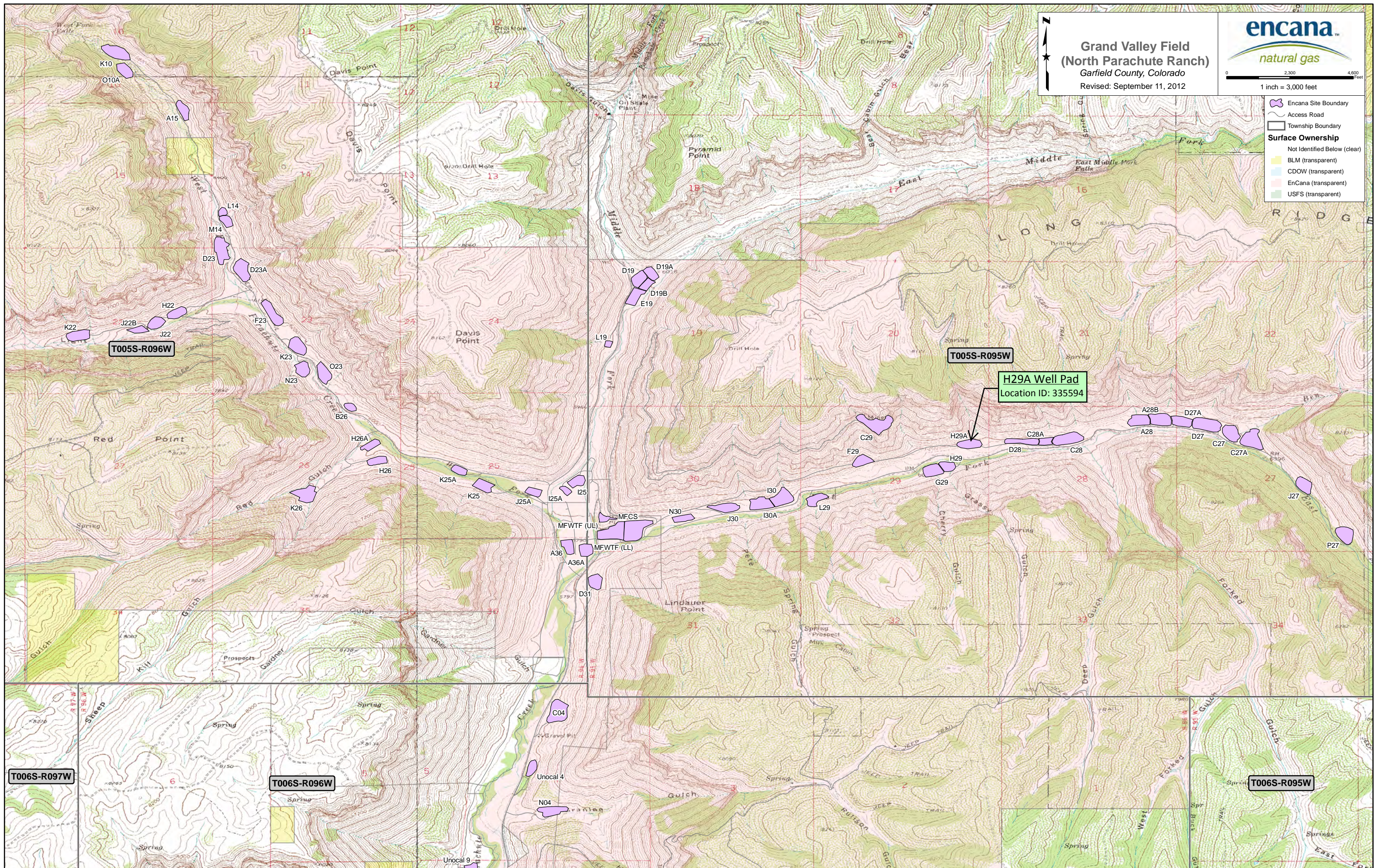
Further remediation activities proposed (attach separate sheet if needed):

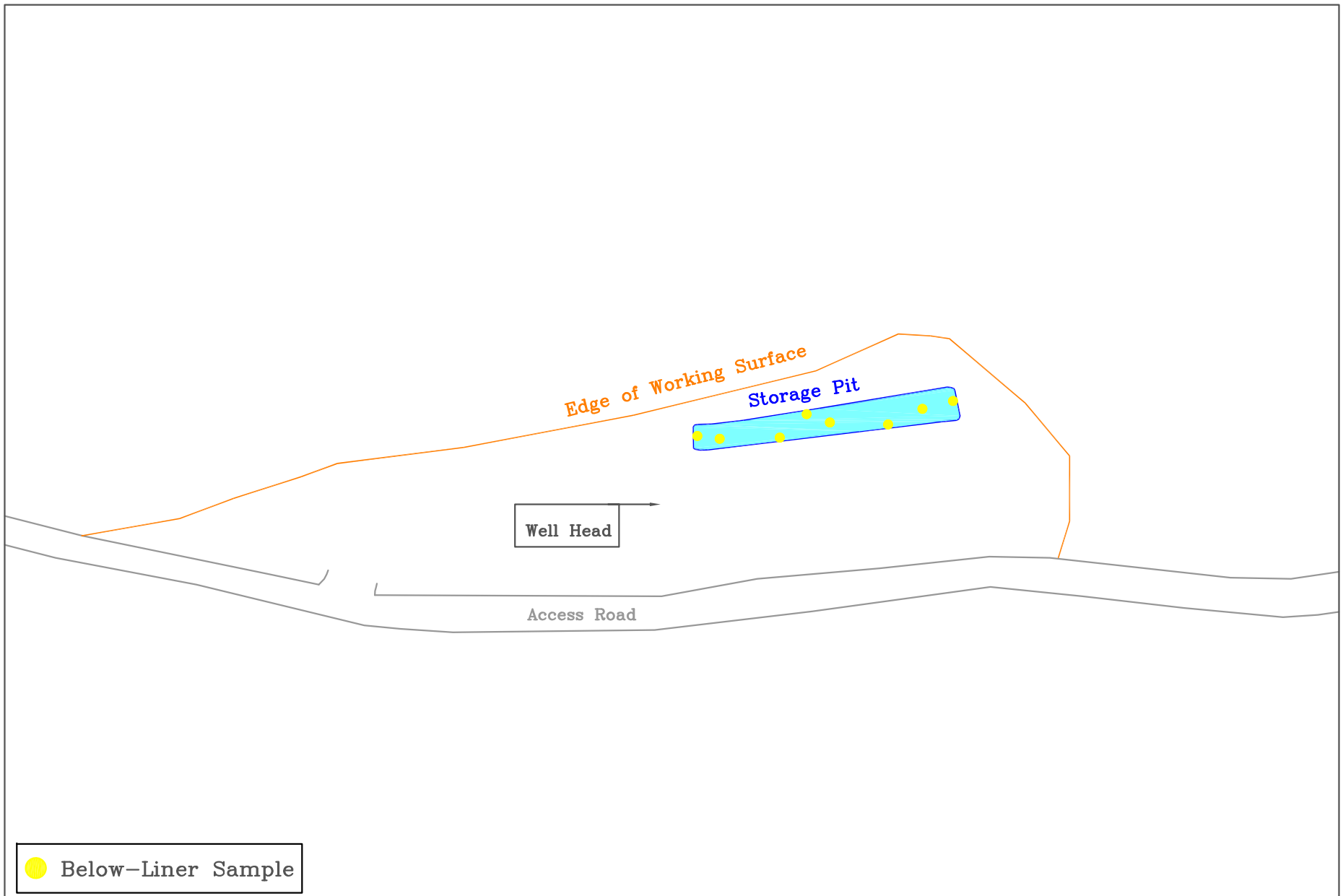
In accordance with COGCC Rule 905.b, a Form 27 was also submitted for this project. The Notification of Completion prepared for this location will detail remediation efforts.

Describe measures taken to prevent problem from reoccurring:

All pits are constructed and maintained in accordance with COGCC Rules 902, 903, 904, and 905.







● Below-Liner Sample



H29A Site Diagram
SENE, Section 29, T5S, R95W, 6th PM
Garfield County, Colorado



1 inch = 100 feet

January 15, 2013



Laboratory Results Summary Table

Analytes (BDL = Below Detection Limit; ND = Non Detect)

Allowable Concentration -->				Organic Compounds in Soil (mg/kg [ppm])																		Inorganics in Soil			Metals in Soil (mg/kg [ppm])																																	
Location	Sample Date:	Sample Matrix	Matrix Notes	500	TPH-GRO (C6-C10) Low Fraction	TPH-DRO (C10-C36) High Fraction	0.17	85	100	175	1000	1000	0.22	0.22	2.2	0.022	22	0.022	1000	1000	0.22	23	1000	EC (<4 mmhos/cm or 2x background)	SAR (calculation)	pH	Arsenic	Barium - EPA Total Barium	Cadmium	Chromium (III)	Chromium (VI)	Copper	Lead (inorganic)	Mercury	Nickel (soluble salts)	Selenium	Silver	Zinc																				
				TPH (total volatile and extractable petroleum hydrocarbons)			Benzene	Toluene	Ethylbenzene	Xylenes - total	Acenaphthene	Anthracene	Benzo(A)anthracene	Benzo(B)fluoranthene	Benzo(K)fluoranthene	Benzo(A)pyrene	Chrysene	Dibenzo(A,H)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-C,D)pyrene	Naphthalene	Pyrene																<12	(6-9)	0.39	15000	70	120000	23	3100	400	23	1600	390	390	23000						
				H29A			10/22/12	Pit	WVWall	20002.3	2.3	20000	BDL	BDL	BDL	0.045																																										
				H29A			10/22/12	Pit	Wbot	1200	300	900	0.22	2.3	1.2	9.9																																										
				H29A			10/22/12	Pit	Swwall	920	BDL	920	BDL	BDL	BDL	BDL																																										
				H29A			10/22/12	Pit	Nwall	290	BDL	290	BDL	BDL	BDL	BDL																																										
				H29A			10/22/12	Pit	Center	679.8	9.8	670	0.091	BDL	0.041	0.38	BDL	BDL	BDL	BDL	BDL	BDL	BDL																0.22	BDL	0.6	BDL	1.2	26	8.2	26	1900	BDL	17	BDL	27	20	0.47	14	4.2	BDL	50	
				H29A			10/22/12	Pit	SEwall	480	BDL	480	BDL	BDL	BDL	BDL																																										
				H29A			10/22/12	Pit	Ebot	3902	2	3900	0.0032	BDL	BDL	BDL	0.022																																									
				H29A			10/22/12	Pit	Ewall	220	BDL	220	BDL	BDL	BDL	BDL																																										