

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
2/27/2012

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.

Spill report taken by: _____

FACILITY ID: _____

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: **2223130**

NARRATIVE ATTACHMENT - FORM 19

A15 Pit Closure (Remediation # 6138)

Date of Discovery – 05/17/2011

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(s) information indicated in the Form 27 submitted for this project, Remediation # 6138. The facility ID number for the A15 North pit is 425199 and the South pit is 425200. The release and liner failure were identified in both pits when the soil beneath the liners 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 Notice 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 liners and were analyzed for comparison to the allowable concentration identified in Table 910-1. Sample analysis indicated benzene, total petroleum hydrocarbon (TPH), sodium absorption ratio (SAR), and arsenic to be above the allowable concentration in one below liner samples. The attached site diagram illustrates sample collection points. Additional below liner samples identified TPH and benzene concentrations above the allowable concentration.

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

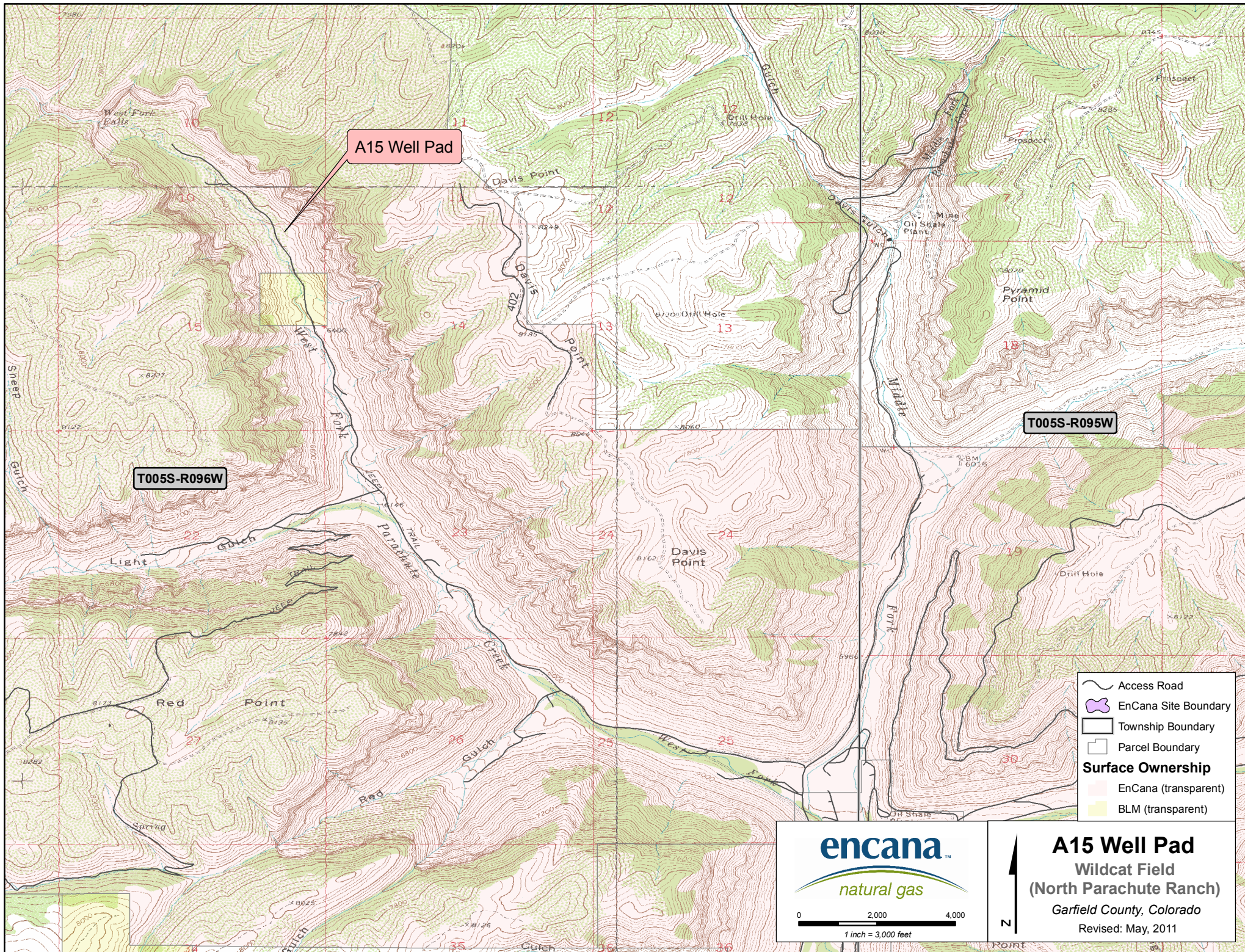
In accordance with COGCC Rule 905.b, a Form 27 was also submitted for this project. The Notice of Completion prepared for this location will detail remediation efforts.

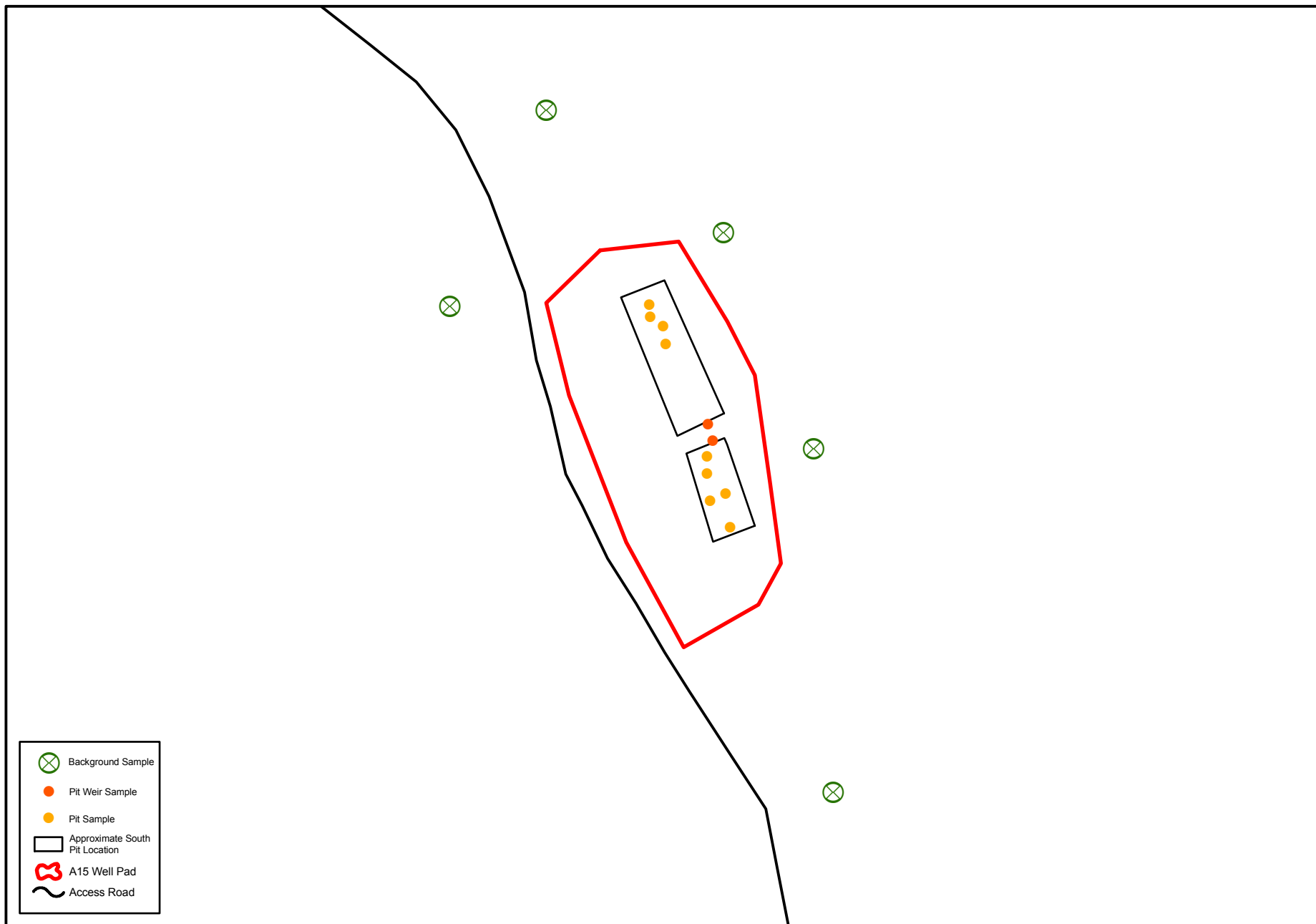
Describe measures taken to prevent problem from reoccurring:

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

Laboratory Results Summary Table
A15 Pit Samples

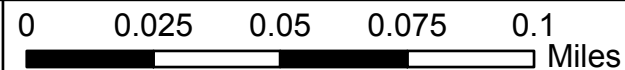
						Analytes (BDL = Below Detection Limit; ND = Non Detect)																																					
Allowable Concentration -->						Organic Compounds in Soil (mg/kg [ppm])																																					
						500	0.17	85	100	175	1000	1000	0.22	0.22	2.2	0.022	22	0.022	1000	1000	0.22	23	1000	Inorganics in Soil		Metals in Soil (mg/kg [ppm])																	
Location	Field - Route	Lab	Sampler:	Sample Date:	Sample Matrix	Matrix Notes	TPH (total volatile and extractable petroleum hydrocarbons)	TPH-GRO (C6-C10) Low Fraction	TPH-DRO (C10-C36) High Fraction	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-CD)pyrene	Naphthalene	Pyrene	EC (<4 mmhos/cm or 2x background)	SAR (calculation)	pH	Arsenic	Barium - EPA Total Barium	Cadmium	Chromium (III)	Chromium (VI)	Chromium (Total)	NA	Copper	Lead (inorganic)	Mercury	Nickel (soluble salts)	Selenium	Silver	Zinc
A15	NPR	ESC	RS	05/17/11	Background	m																								15													
A15	NPR	ESC	RS	05/17/11	Background	S																								18													
A15	NPR	ESC	RS	05/17/11	Background	N																								19													
A15	NPR	ESC	RS	05/17/11	Background	NW																								16													
A15	NPR	ESC	RS	05/17/11	Background	NE																								11													
A15	NPR	ESC	RS	05/17/11	Pit	S pit - low point - W side (A15-SB-051)	1904	4	1900	0.003	BDL	0.011	0.0098	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.08	BDL																
A15	NPR	ESC	RS	05/17/11	Pit	S pit - S side (A15-PB-SB-051)	94	BDL	94	BDL	BDL	BDL	0.042	0.14	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.2	BDL	0.43	BDL																
A15	NPR	ESC	RS	05/17/11	Pit	S pit - center (A15-PB-CB-051)	853.7	3.7	850	0.016	0.095	0.011	0.31	0.048	0.14	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.21	BDL	0.45	BDL																
A15	NPR	ESC	RS	05/17/11	Pit	S pit - N side (A15-PB-NB-051)	64250	250	64000	0.47	3.1	0.7	13	0.015	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.016	BDL	0.024	0.022	2.8	40	7.7	3.9	3400	BDL	27	BDL	27	38	14	6.2	9.8	BDL	1.2	75
A15	NPR	ESC	RS	05/17/11	Pit	S pit - weir (A15-S-WEIR-051)	393.8	3.8	390	0.0031	BDL	0.0034	0.032	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL																	
A15	NPR	ESC	RS	05/17/11	Pit	N pit - weir (A15-N-WEIR-051)	650	BDL	650	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.051	BDL																
A15	NPR	ESC	SM	05/19/11	Pit	N pit - center (A15-PIT-10(6')-)	191.5	1.5	190	BDL	BDL	BDL	0.039	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.029	BDL	0.12	BDL																
A15	NPR	ESC	SM	05/19/11	Pit	N pit - NE (A15-PIT-12(6')-051)	143.6	3.6	140	0.033	0.15	0.018	0.69	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.035	BDL	0.16	0.0063																
A15	NPR	ESC	SM	05/19/11	Pit	N pit - N center (A15-PIT-13(8')-051)	126.6	6.6	120	0.069	0.47	0.052	1.4	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.039	BDL	0.15	BDL																
A15	NPR	ESC	SM	05/19/11	Pit	N pit - N center (A15-PIT-16(8')-051)	274	64	210	0.21	1.6	0.38	5.2	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.053	BDL	0.3	BDL																





Encana Oil and Gas

A15 Well Pad
NENE, Section 15, T5S, R96W, 6th PM
Garfield County, Colorado



February 15, 2012

