

State of Colorado
Oil and Gas Conservation Commission

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FOR OGCC USE ONLY

RECEIVED
7/25/2013

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
Address: _____	No: _____
City: _____ State: _____ Zip: _____	Fax: _____
Contact Person: _____	E-Mail: _____

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: **2145622**

A33NW WELL PAD (COGCC Location ID – 323850)

FORM 19 NARRATIVE

Date of Incident – 05/04/2013

Detailed description of the spill/release incident:

During routine inspections of an older Encana location, the lease operator discovered that a production tank had overflowed following an unanticipated volume of fluid from the well. The dump from the separator had stuck open, and the emergency-shut-down (ESD) had failed to alarm allowing the tank to overfill. The lease operator shut-in the well, called for a water truck to pull down the tank level, and reported the incident to Encana Environmental personnel.

This incident is being reported to document the need for extended characterization and remediation efforts. The need for additional activities was not known until sample results were received.

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

The lease operator shut-in the well, called for a water truck to pull down the tank level, and reported the incident to Encana Environmental personnel. The spilled fluids were contained within the secondary containment. However, the absence of a liner allowed vertical mobilization of the spilled material.

Describe any emergency pits constructed:

No emergency pits were constructed.

How was the extent of contamination determined?:

The volume spilled is believed to be less than 5 barrels. However, the absence of a liner in the secondary containment limited the ability of responders to estimate spill volume. Two surface samples were collected within the secondary containment, below the overflow point, and west of the tank. A third sample was collected at a depth of 5 feet below the point of release with assistance from a hydrovac truck. Vertical and lateral definition of impacts is still unknown.

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

Vertical and lateral definition of impacts will be determined in an upcoming site characterization with a small drilling rig. The site characterization will be completed after preventive tank and containment upgrades are completed. Estimated completion date for site characterization is June 28, 2013. During the site characterization, Encana proposes to install infrastructure to allow for in-situ remediation. The final selected remediation approach (limited excavation or in-situ) will be determined based on subsurface conditions, and the extent and magnitude of impacts.

Results of the site characterization and the selected remediation approach would be detailed in a Form 4 (Sundry) that would reference the spill number generated in response to this submittal.



A33NW WELL PAD (COGCC Location ID – 323850)

FORM 19 NARRATIVE

Date of Incident – 05/04/2013

Describe measures taken to prevent problem from reoccurring:

In order to prevent future incidents of this type, Encana is installing a lined secondary containment for the tank, and upgrading remote monitoring and emergency shut-down systems in the tank on this location.



encana

GRASS MESA

Garfield County, Colorado

0 2,600 5,200 Feet

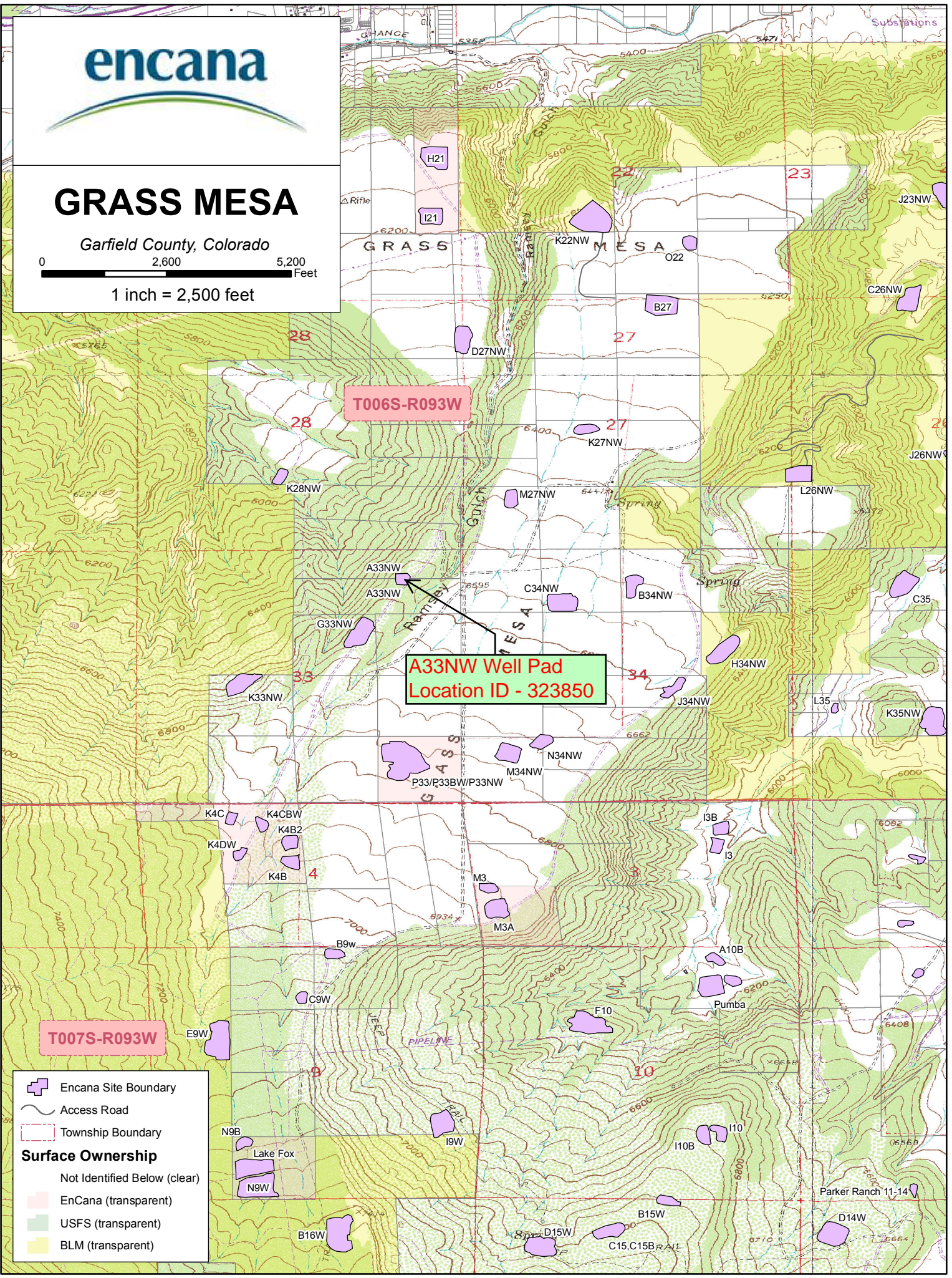
1 inch = 2,500 feet

T006S-R093W

A33NW Well Pad
Location ID - 323850

T007S-R093W

- Encana Site Boundary
- Access Road
- Township Boundary
- Surface Ownership**
- Not Identified Below (clear)
- EnCana (transparent)
- USFS (transparent)
- BLM (transparent)



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

Location	Sample Date:	Sample Matrix	Matrix Notes	Allowable Concentration -->	Organic Compounds in Soil (mg/kg [ppm])															Inorganics in Soil			Metals in Soil (mg/kg [ppm])																	
					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	<12	(6-9)	0.39	15000	70	120000	23	3100	400	23	1600	390	390	23000		
					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	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	
A33NW	05/06/13	Spill	point of release (POR)		9700	5800	3900	16	200	51	580	0.29	0.33	0.027	0.0063	BDL	BDL	0.019	BDL	0.019	0.87	BDL	2.9	0.05	0.37	0.53	8.2	8.4	370	0.32	19	BDL	17	20	0.026	13	BDL	BDL	54	
A33NW	05/06/13	Spill	West of POR (point of release)		66.4	1.4	65	BDL	BDL	BDL	BDL																													
A33NW	05/10/13	Spill	Point of release [5' depth]		5500	3500	2000	4.8	110	27	300																													