

FORM 15 Rev 6/99

335937

DOCUMENT #2216278

State of Colorado Oil and Gas Conservation Commission



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FOR OGCC USE ONLY RECEIVED 9/14/2011

EARTHEN PIT REPORT/PERMIT

This form is to be used for both reporting and permitting pits. Rule 903 describes when a Permit with prior approval, or a Report within 30 days, is required for pits. Submit required attachments and forms.

Complete the Attachment Checklist

FORM SUBMITTED FOR:

[X] Pit Report [ ] Pit Permit

Attachment Checklist table with columns for 'Detailed Site Plan', 'Topo Map w/ Pit Location', etc.

OGCC Operator Number: 100185 Name of Operator: Encana Oil & Gas (USA) Inc. Address: 370 17th Street, Suite 1700 City: Denver State: CO Zip: 80202

Contact Name and Telephone: Chris Hines No: 970-285-2653 Fax:

API Number (of associated well): 335937 (Location ID) DW M33 496 OGCC Facility ID (of other associated facility): Pit Location (QtrQtr, Sec, Twp, Rng, Meridian): SWSW Sec. 33 T4S R96W Latitude: 39.653401 Longitude: 108.178057 County: Garfield Pit Use: [X] Production [ ] Drilling [ ] Special Purpose (Describe Use): Multi-well Pit Pit Type: [X] Lined [ ] Unlined Surface Discharge Permit: [ ] Yes [ ] No Offsite disposal of pit contents: [ ] Injection [ ] Commercial Pit/Facility Name: N/A M33 NORTH Pit/Facility No: N/A 496 Attach Form 28 to identify Source Wells and Form 25 to provide Produced Water Analysis results. (NORTH PIT)

Existing Site Conditions

Is the location in a "Sensitive Area?" [ ] Yes [X] No Attach data used for determination. Distance (in feet) to nearest surface water: 878' ground water: 170' water wells: ~2.6 miles LAND USE (or attach copy of Form 2A if previously submitted for associated well) Select one which best describes land use: Crop Land: [ ] Irrigated [ ] Dry Land [ ] Improved Pasture [ ] Hay Meadow [ ] CRP Non-Crop Land: [X] Rangeland [ ] Timber [ ] Recreational [ ] Other (describe): Subdivided: [ ] Industrial [ ] Commercial [ ] Residential SOILS (or attach copy of Form 2A if previously submitted for associated well) Soil map units from USNRCS survey: Sheet No: Soil Complex/Series No: 55 Soils Series Name: Parachute Irigut Complex Horizon thickness (in inches): A: ; B: ; C: Soils Series Name: Horizon thickness (in inches): A: ; B: ; C: Attach detailed site plan and topo map with pit location.

Pit Design and Construction

Size of pit (feet): Length: 249' Width: 42' Depth: 18' Calculated pit volume (bbls): 29784 Daily inflow rate (bbls/day): Daily disposal rates (attach calculations): Evaporation: bbls/day Percolation: bbls/day Type of liner material: HDPE Thickness: 30 mil Attach description of proposed design and construction (Include sketches and calculations). Method of treatment of produced water prior to discharge into pit (separator, heater treater, other): Mechanical settling/separating Is pit fenced? [X] Yes [ ] No Is pit netted? [X] Yes [ ] No

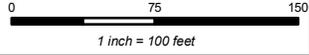
I hereby certify that the statements made in this form are, to the best of my knowledge, true, correct, and complete. Print Name: Heather Mitchell Signed: [Signature] Title: Regulatory Analyst Date: 09/01/2011

OGCC Approved: [Signature] Title: FOR Greg Doran Date: 09/19/2011

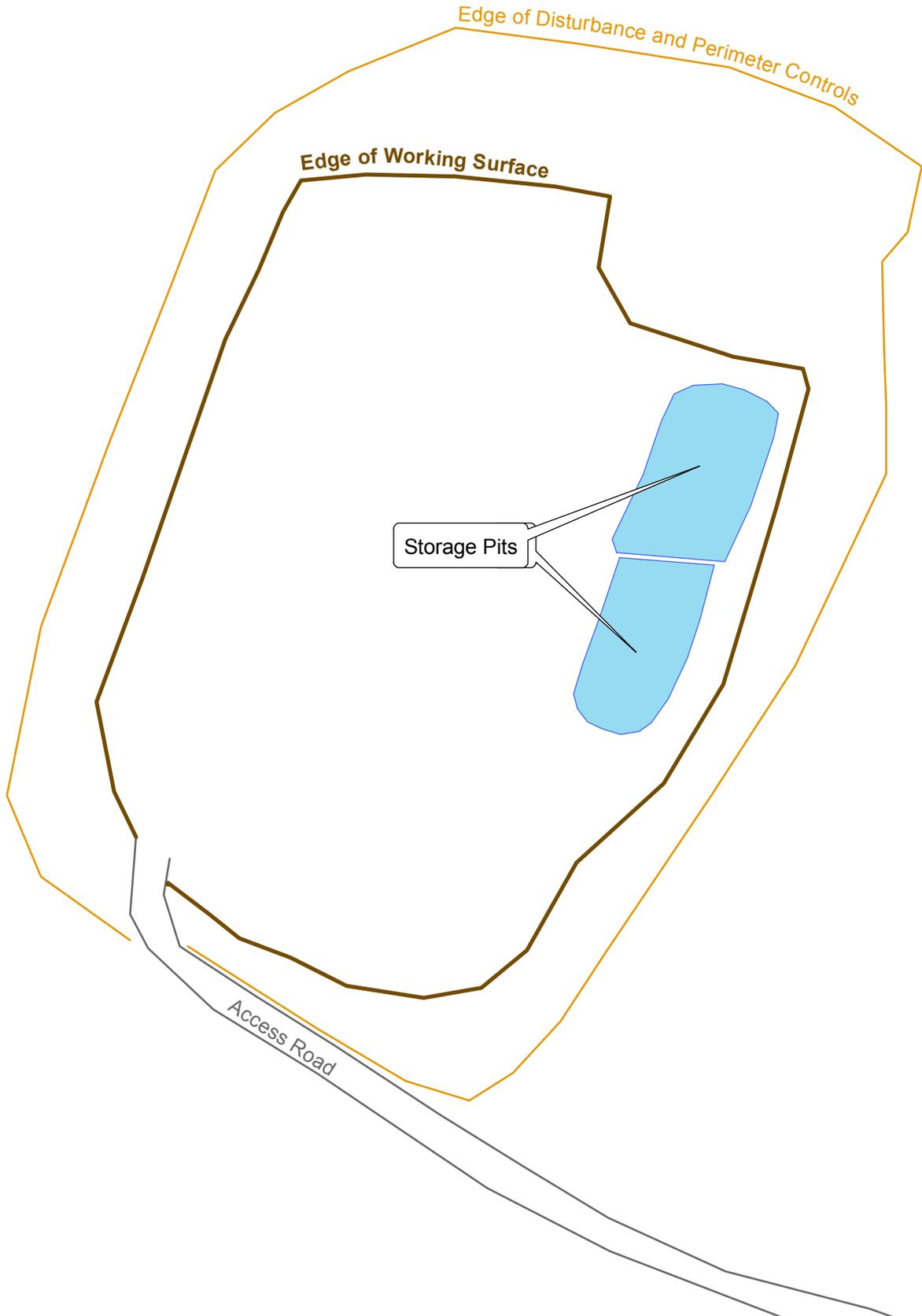
FACILITY NUMBER: 425573

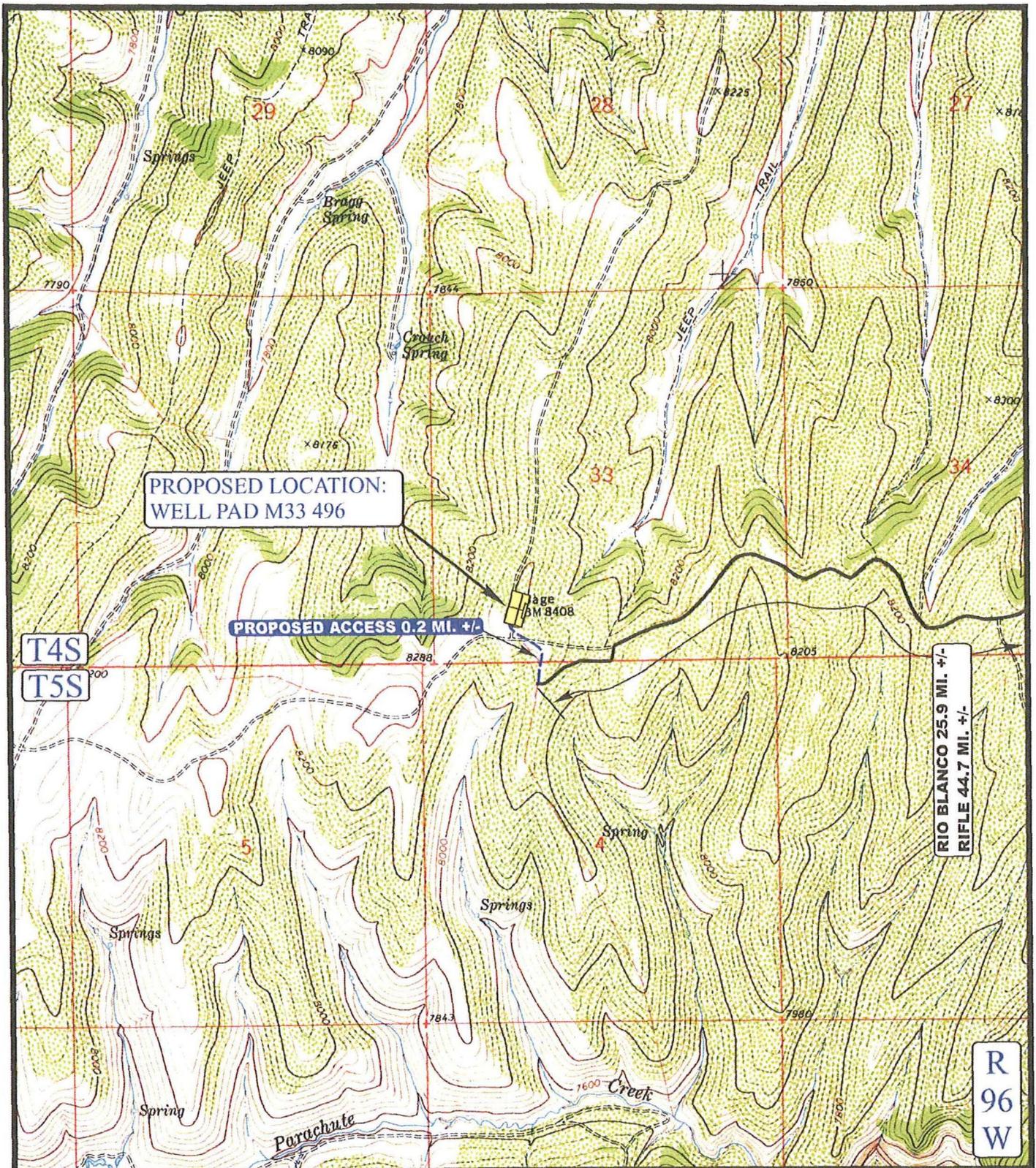
CONDITIONS OF APPROVAL, IF ANY: Pit report submitted retroactively to establish pit facility ID # for pit closure purposes.

OGLA Supervisor



**M33 Well Pad**  
Grand Valley Field  
North Parachute Mountain  
Garfield County, Colorado  
Revised: September 5, 2011





**PROPOSED LOCATION:  
WELL PAD M33 496**

**PROPOSED ACCESS 0.2 MI. +/-**

**RIO BLANCO 25.9 MI. +/-  
RIFLE 44.7 MI. +/-**

**T4S  
T5S**

**R  
96  
W**

**LEGEND:**

- PROPOSED ACCESS ROAD
- EXISTING ROAD



**ConocoPhillips Company**

**WELL PAD M33 496  
SECTION 33, T4S, R96W, 6th P.M.  
SW 1/4 SW 1/4**



**Uintah Engineering & Land Surveying**  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC MAP** **4 3 07**  
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: J.L.G. REVISED: 00-00-00



# FORM 15 (Earthen Pit Report/Permit) Narrative Attachment

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## **DW M33 496 Pad – 335937 (Location ID)**

Document Date – 09/01/2011

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This pit report was prepared in support of closure activities an historic and unpermitted pit on the M33 pad. This pit was transferred to Encana by Conoco Phillips effective 3/08/2010. Encana has limited internal documentation on the original use and construction of the pit. The intent of this submittal is not to justify continued operation of the pits, but to provide a facility ID number to reference during all correspondence associated with pit closure site investigation and remediation activities.

### **Is the location in a “Sensitive Area?”**

No, based on the distance to surface water and the depth to ground water, this location is not found in a sensitive area.

### **Description of pit use:**

The pit on M33 well pad provided storage for produced water.