

FORM 15 Rev 6/99

State of Colorado Oil and Gas Conservation Commission

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



DOCUMENT #2216392

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 'Oper' and 'OGCC' and rows for 'Detailed Site Plan', 'Topo Map w/ Pit Location', 'Water Analysis (Form 25)', 'Source Wells (Form 26)', 'Pit Design Plan & Cross Section', 'Design Calculations', 'Sensitive Area Determination', 'Mud Program', 'Form 2A'.

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): 335906 (Location ID) E06 596 OGCC Facility ID (of other associated facility):
Pit Location (Qtr/qr, Sec, Twp, Rng, Meridian): SWNW Sec. 6 T5S, R96W, 6th PM
Latitude: 39.645788 Longitude: 108.213522 County: Garfield
Pit Use: [ ] Production [ ] Drilling (Attach mud program) [X] Special Purpose (Describe Use): Multi-well Produced water storage pit
Pit Type: [X] Lined [ ] Unlined Surface Discharge Permit: [ ] Yes [ ] No
Offsite disposal of pit contents: [ ] Injection [ ] Commercial Pit/Facility Name: E06 SOUTH Pit/Facility No: 596
Attach Form 28 to identify Source Wells and Form 25 to provide Produced Water Analysis results.

Existing Site Conditions

SOUTH PIT

Is the location in a "Sensitive Area?" [ ] Yes [X] No Attach data used for determination.
Distance (in feet) to nearest surface water: -2984 ground water: -100 water wells: 6,336
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 Irigul 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: 390' Width: 42' Depth: 18'
Calculated pit volume (bbbls): 46650 Daily inflow rate (bbbls/day):
Daily disposal rates (attach calculations): Evaporation: bbbls/day Percolation: bbbls/day
Type of liner material: HDPE Thickness: 30 mm
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 Deromian Date: 09/27/2011

CONDITIONS OF APPROVAL, IF ANY:

FACILITY NUMBER: 425752

Pit report submitted retroactively to establish pit facility ID # for pit closure purposes.

OGLA Supervisor

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

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## **E06 596 Pad – 335906 (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 E06 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 pits on E06 well pad provided storage for produced water.

T004S-R096W

E06 Well Pad

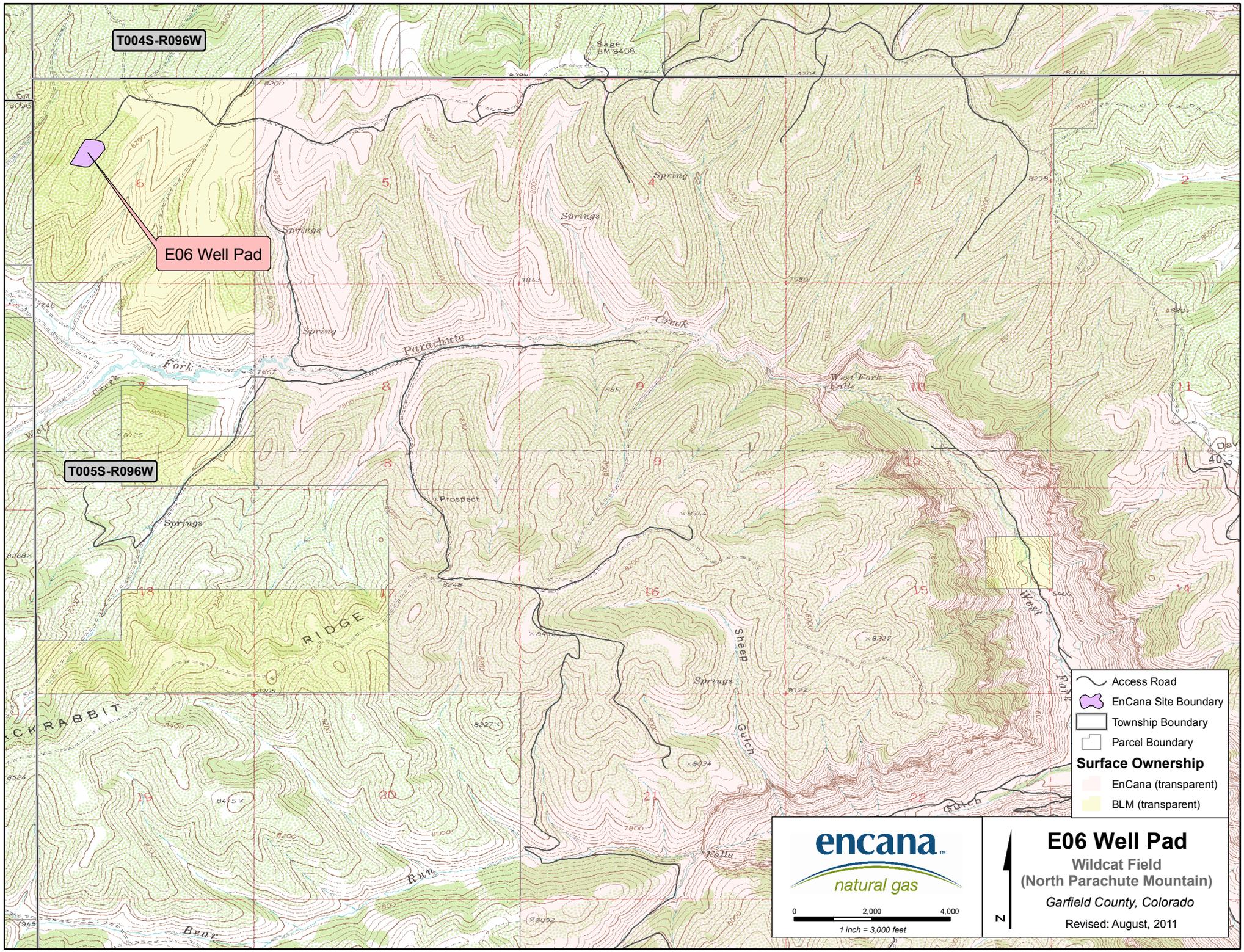
T005S-R096W

-  Access Road
-  EnCana Site Boundary
-  Township Boundary
-  Parcel Boundary
- Surface Ownership**
-  EnCana (transparent)
-  BLM (transparent)



0 2,000 4,000  
1 inch = 3,000 feet

**E06 Well Pad**  
 Wildcat Field  
 (North Parachute Mountain)  
 Garfield County, Colorado  
 Revised: August, 2011





0 80 160  
1 inch = 125 feet



**E06 Well Pad**  
*Wildcat Field*  
**North Parachute Mountain**  
Garfield County, Colorado  
Revised: September 5, 2011

