

11E-33

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

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**

Oper OGCC

FORM SUBMITTED FOR:

☐ Pit Report

☒ Pit Permit (multi-well pit)

Detailed Site Plan	✓	
Topo Map w/ Pit Location	✓	
Water Analysis (Form 25)		
Source Wells (Form 26)	✓	
Pit Design/Plan & Cross Sect	✓	
Design Calculations		
Sensitive Area Determ.		
Mud Program		
Form 2A		

OGCC Operator Number: 10091

Name of Operator: Berry Petroleum Company

Address: 1999 Broadway, Suite 3700

City: Denver State: CO Zip: 80202

Contact Name and Telephone:

Chris Freeman

No: 303-999-4400

Fax: 303-999-4401

API Number (of associated well): See attached sheet

OGCC Facility ID (of other associated facility): 335917

Pit Location (QtrQtr, Sec, Twp, Rng, Meridian): SWNW 1/4 Section 33, T 5 South, R 96 West

Latitude: 39.573364

Longitude: -108.181412

County: Garfield

Pit Use: ☒ Production

☐ Drilling (Attach mud program)

☐ Special Purpose (Describe Use):

Pit Type: ☒ Lined

☐ Unlined

Surface Discharge Permit: ☐ Yes ☒ No

Offsite disposal of pit contents:

☐ Injection

☒ Commercial

Pit/Facility Name: Danish Flats

Pit/Facility No: Utah

Attach Form 26 to identify Source Wells and Form 25 to provide Produced Water Analysis results.

Existing Site Conditions

Is the location in a "Sensitive Area?"

☐ Yes

☒ No

Attach data used for determination.

Distance (in feet) to nearest surface water: 1,585'

ground water: approx. 855'

water wells: 8,200'

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: ☒ Rangeland

☐ Timber

☐ Recreational

☒ Other (describe): Natural Gas Well Pad

Subdivided: ☐ Industrial

☐ Commercial

☐ Residential

SOILS (or attach copy of Form 2A if previously submitted for associated well)

Soil map units form USNRCS survey: Sheet No: CO682

Soil Complex/Series No: _____

Soils Series Name: Parachute-Irigul complex 5- 30% slopes

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: 280'

Width: 60'

Depth: 18' + 2' freeboard

Calculated pit volume (bbls): 26,900

Daily inflow rate (bbls/day): _____

Daily disposal rates (attach calculations): Evaporation: _____ bbls/day

Percolation: _____ bbls/day

Type of liner material: Polyethylene Plastic

Thickness: 24-mil, double lined

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): Separators/Production Units, located at production pads.

Is pit fenced? ☒ Yes ☐ No

Is pit netted? ☒ 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: Chris Freeman

Signed:

Title: Environmental Manager

Date: 12/4/09

OGCC Approved: _____

Title: _____

Date: _____

CONDITIONS OF APPROVAL, IF ANY:

FACILITY NUMBER:

COGIS - LOCATION Information

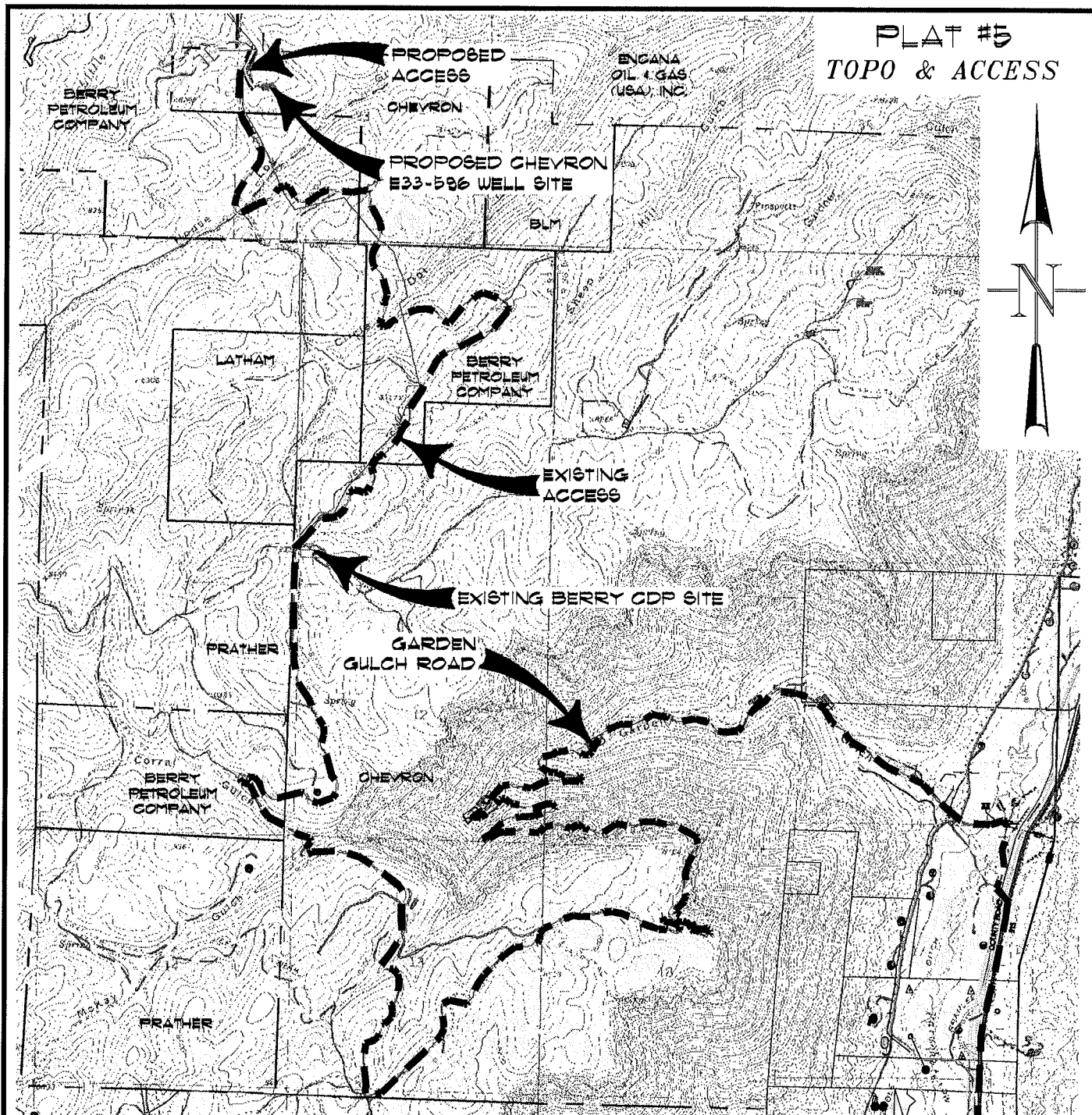


CHEVRON-65S96W - #335917 Information

Status: XXLocation ID: **335917**Location Name/No: **CHEVRON-65S96W /33SWNW**Location Status: **XX**Status Date: **4/14/2009**Operator Name: **BERRY PETROLEUM COMPANY** Operator Number: **10091**County: **GARFIELD - #045**Location: **SWNW 33 5S 96W**Lat/Long: **39.573364/-108.181412**Facility Type: **LOCATION**

Facility Well(s)

API Number: **05-045-15279**Operator Name: **BERRY PETROLEUM COMPANY**Well Status: **XX**API Number: **05-045-15280**Operator Name: **BERRY PETROLEUM COMPANY**Well Status: **XX**API Number: **05-045-15281**Operator Name: **BERRY PETROLEUM COMPANY**Well Status: **XX**API Number: **05-045-15282**Operator Name: **BERRY PETROLEUM COMPANY**Well Status: **XX**API Number: **05-045-15283**Operator Name: **BERRY PETROLEUM COMPANY**Well Status: **XX**API Number: **05-045-15284**Operator Name: **BERRY PETROLEUM COMPANY**Well Status: **XX**API Number: **05-045-15285**Operator Name: **BERRY PETROLEUM COMPANY**Well Status: **AL**API Number: **05-045-15286**Operator Name: **BERRY PETROLEUM COMPANY**Well Status: **XX**API Number: **05-045-15287**Operator Name: **BERRY PETROLEUM COMPANY**Well Status: **XX**



ACCESS:

FROM THE GARDEN GULCH ACCESS ROAD OFF COUNTY ROAD 215, PROCEED IN A GENERAL WESTERLY DIRECTION APPROXIMATELY 9.5 MILES TO THE BERRY CDP SITE, CONTINUE FORWARD PAST THE BERRY CDP SITE IN A GENERAL NORTHEASTERLY DIRECTION APPROXIMATELY 3.9 MILES TO AN INTERSECTION WITH A PROPOSED FLAGGED ACCESS CENTERLINE ON THE RIGHT, PROCEED RIGHT IN A GENERAL SOUTHERLY DIRECTION APPROXIMATELY 0.2 MILES TO THE PROPOSED CHEVRON #E33-596 WELL PAD, BEING THE LOCATION.



CONSTRUCTION SURVEYS, INC.
0012 SUNRISE BLVD.
SILT, CO 81652
(970)876-5753

REVISED: 2/18/08

CHEVRON E33-596
BERRY PETROLEUM COMPANY

SCALE: 1" = 3000'

SHEET 5 OF 9

[illegible]

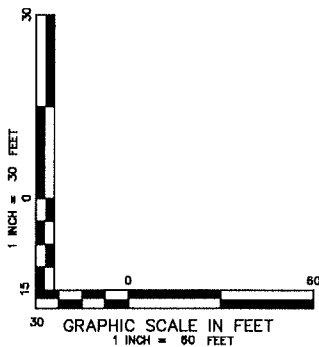
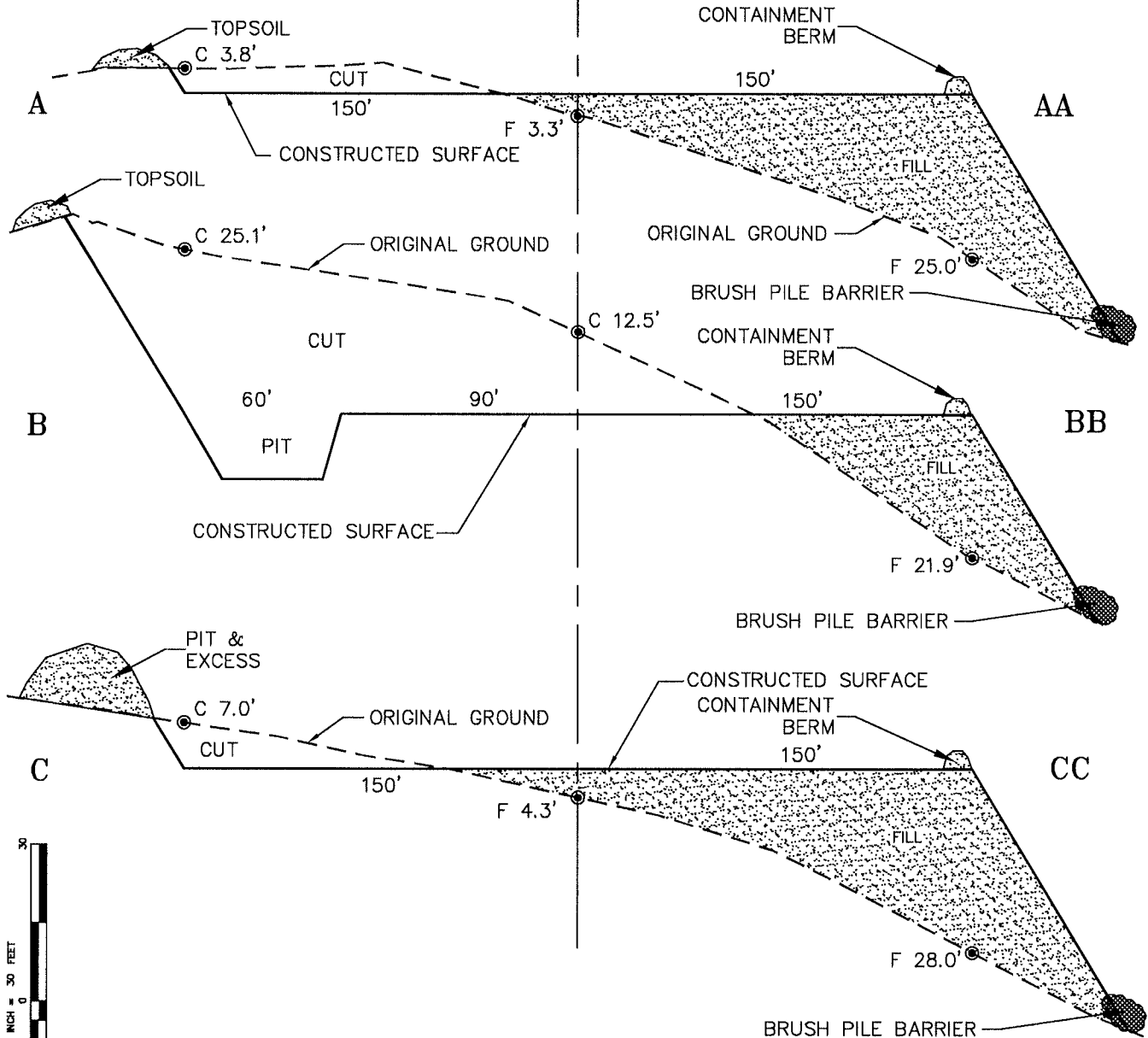
REVISÉ: 5/22/08
CHEVRON E33-596
BERRY PETROLEUM COMPANY

SCALE: 1" = 80'

SHEET: 2 of 9

PLAT #3

CROSS SECTIONS OF PIT & PAD



NOTE:
ALL CUT/FILL SIDE SLOPES ARE
1.5:1 UNLESS OTHERWISE NOTED.



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REVISED: 2/18/08
CHEVRON E33-596
BERRY PETROLEUM COMPANY

SCALE: AS SHOWN

SHEET: 3 of 9