

11 J-13"

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.

FORM SUBMITTED FOR:

☐ Pit Report

☒ Pit Permit (Multi Well Pit)

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

**Complete the
Attachment Checklist**

	Oper	OGCC
Detailed Site Plan	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Topo Map w/ Pit Location	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Water Analysis (Form 25)	<input type="checkbox"/>	<input type="checkbox"/>
Source Wells (Form 26)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Pit Design/Plan & Cross Sect	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Design Calculations	<input type="checkbox"/>	<input type="checkbox"/>
Sensitive Area Determ.	<input type="checkbox"/>	<input type="checkbox"/>
Mud Program	<input type="checkbox"/>	<input type="checkbox"/>
Form 2A	<input type="checkbox"/>	<input type="checkbox"/>

API Number (of associated well): See attached sheet

OGCC Facility ID (of other associated facility): 335616

Pit Location (QtrQtr, Sec, Twp, Rng, Meridian): NWSE 1/4 Section 13, T 6 South, R 97 West

Latitude: 39.521513 Longitude: -108.166551 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: Pit/Facility No:

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: 1,051' ground water: approx. 800' water wells: 6,650'

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-Rhone Loams, 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: 180' Width: 60' Depth: 20' + 2' freeboard

Calculated pit volume (bbls): 19,250 Daily inflow rate (bbls/day): variable

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: 12/4/01

OGCC Approved: Title: Date:

CONDITIONS OF APPROVAL, IF ANY:

FACILITY NUMBER:

COGIS - LOCATION Information



CHEVRON-66S97W - #335616 Information

Status: ACLocation ID: **335616**Location Name/No: **CHEVRON-66S97W /13NWSE**Location Status: **AC**Status Date: **4/14/2009**Operator Name: **BERRY PETROLEUM COMPANY** Operator Number: **10091**County: **GARFIELD - #045**Location: **NWSE 13 6S 97W**Lat/Long: **39.521513/-108.166551**Facility Type: **LOCATION**

Facility Well(s)

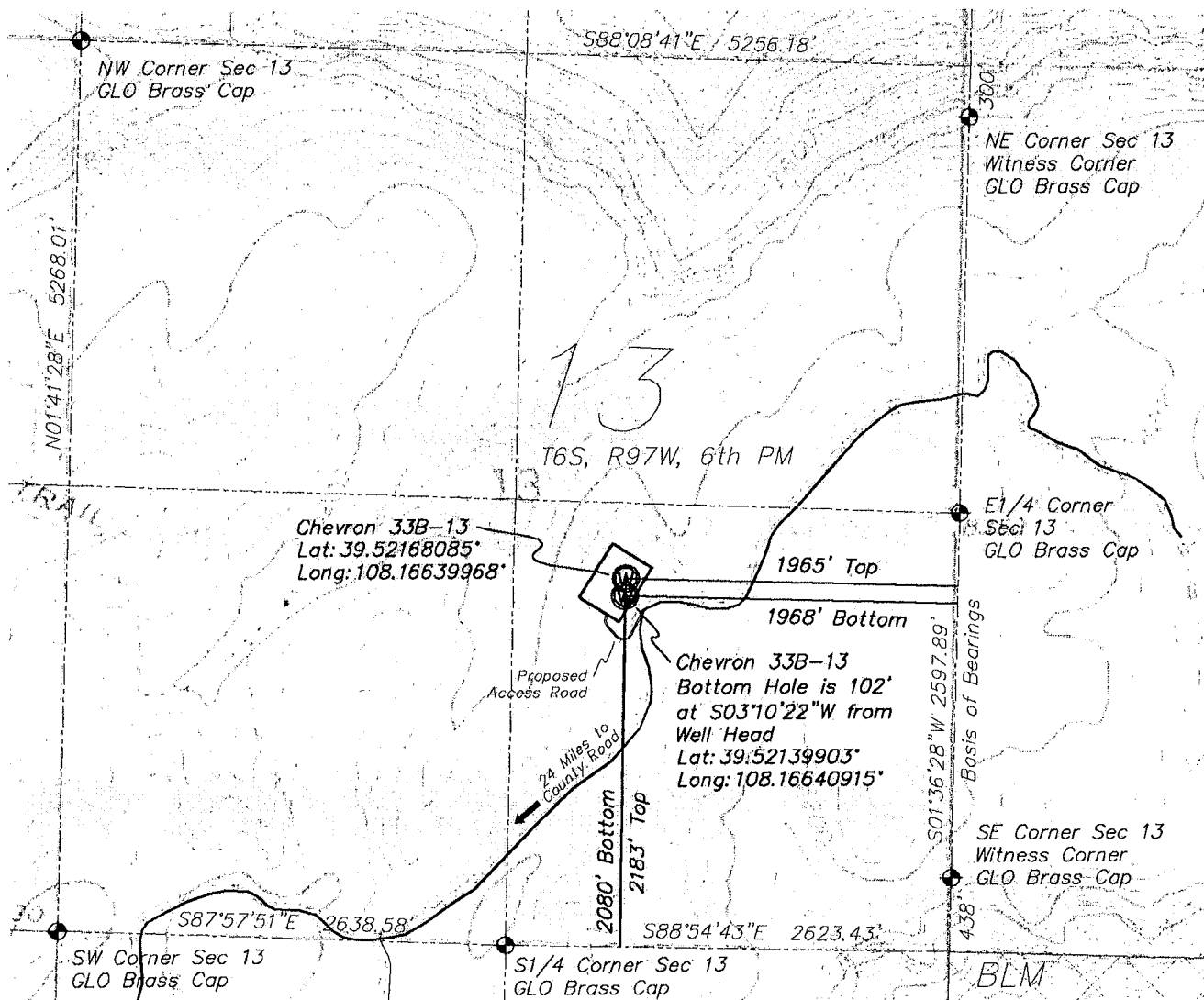
API Number: **05-045-10414**Operator Name: **BERRY PETROLEUM COMPANY**Well Status: **DA**API Number: **05-045-12717**Operator Name: **BERRY PETROLEUM COMPANY**Well Status: **PR**API Number: **05-045-12718**Operator Name: **BERRY PETROLEUM COMPANY**Well Status: **PR**API Number: **05-045-12719**Operator Name: **BERRY PETROLEUM COMPANY**Well Status: **PR**API Number: **05-045-15112**Operator Name: **BERRY PETROLEUM COMPANY**Well Status: **PR**API Number: **05-045-15113**Operator Name: **BERRY PETROLEUM COMPANY**Well Status: **PR**API Number: **05-045-15114**Operator Name: **BERRY PETROLEUM COMPANY**Well Status: **PR**API Number: **05-045-15115**Operator Name: **BERRY PETROLEUM COMPANY**Well Status: **PR**

TOPOGRAPHY & ACCESS EXHIBIT - PLAT 5

OF PARCEL LOCATED IN

SECTION 13, T6S, R97W, 6th P.M.

[Chevron #33B-13]



WGS 84 Geodetic North

SCALE: 1"=1000'

1000 500 0 1000



TOPOGRAPHY & ACCESS EXHIBIT - PLAT 5

SECTION 13
T6S, R97W, 6th P.M.
GARFIELD COUNTY, COLORADO

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325 Main Street, Suite 100
GRAND JUNCTION, COLORADO 81501 (970) 245-4099

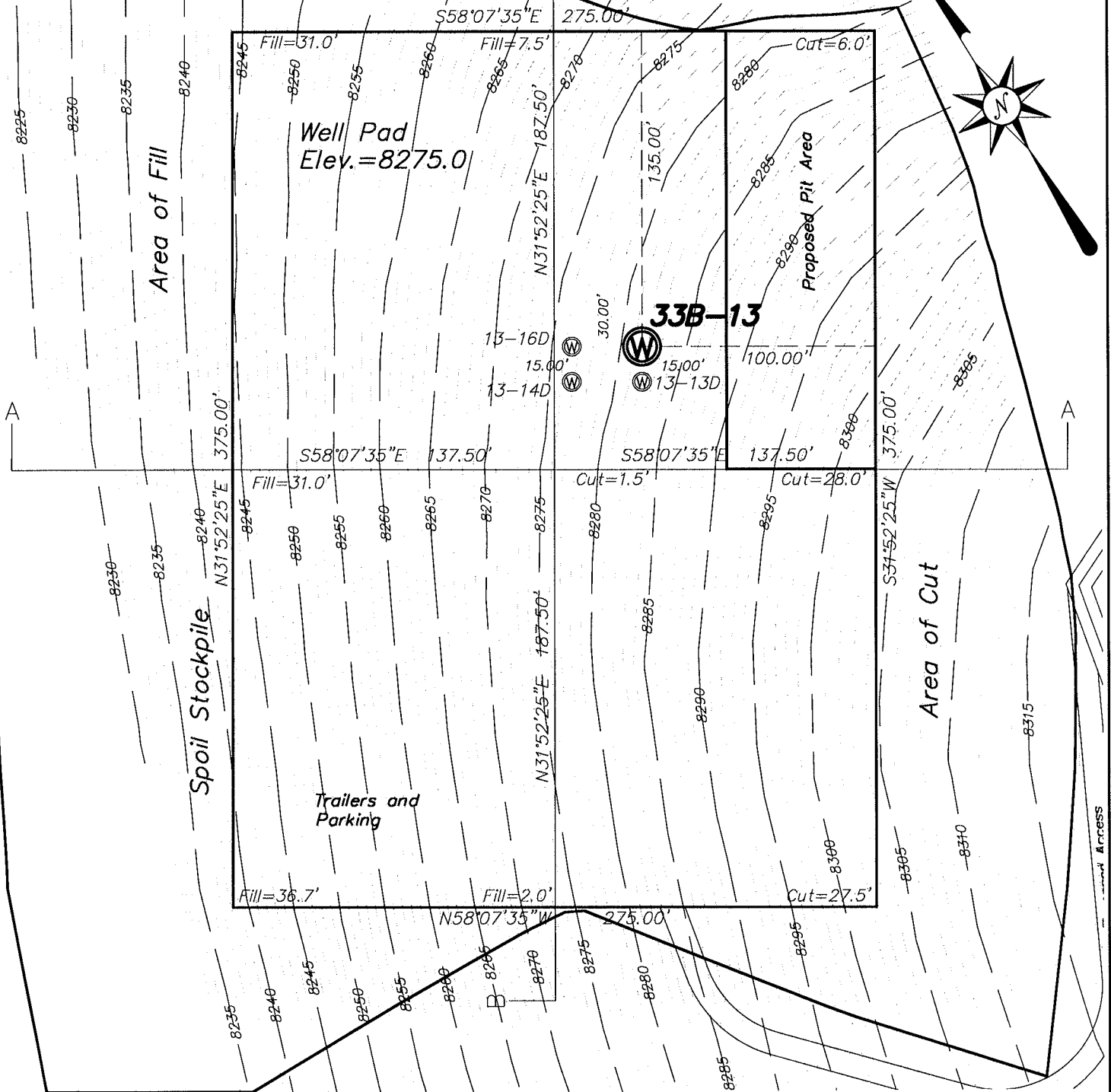
PROJ. NO.	SURVEYED	DRAWN	CHECKED	SHEET	OF
206025.16				1	1

DATE: May, 2006

SLB

PRG

PAD & PIT LAYOUT - PLAT 2 **OF PARCEL LOCATED IN** **SECTION 13, T6S, R97W, 6th P.M.** **(CHEVRON #33B-13)**



WGS 84 Geodetic North

SCALE: 1"=60'

60 30 0 60



PAD & PIT LAYOUT - PLAT 2

SECTION 13
T6S, R97W, 6th P.M.
GARFIELD COUNTY, COLORADO

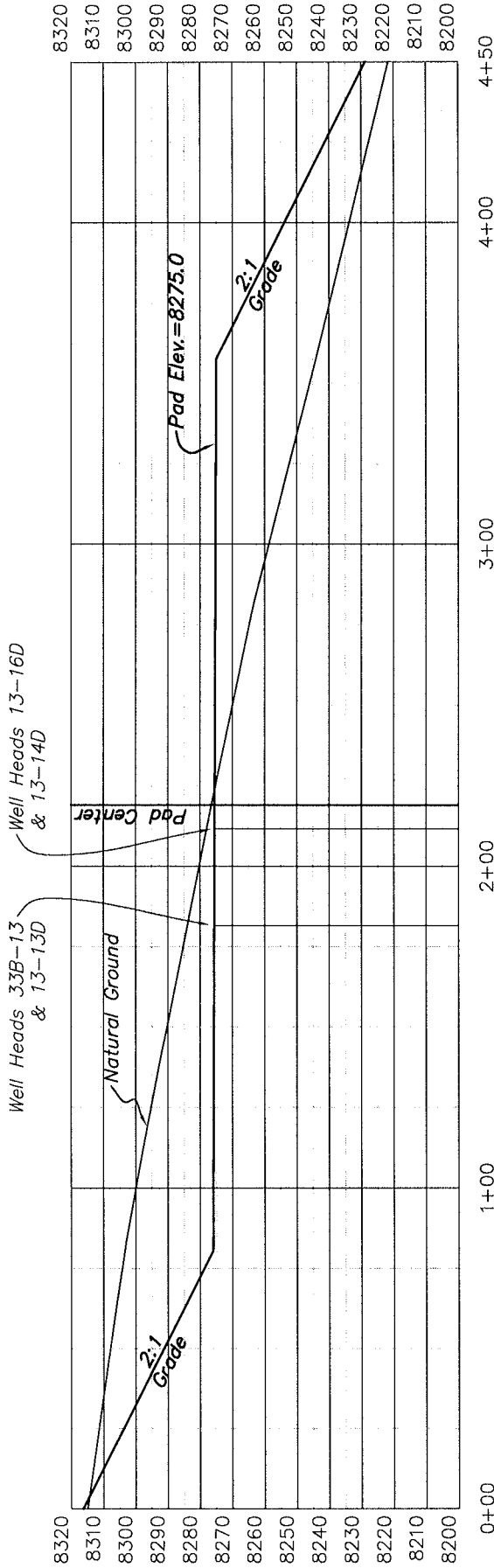
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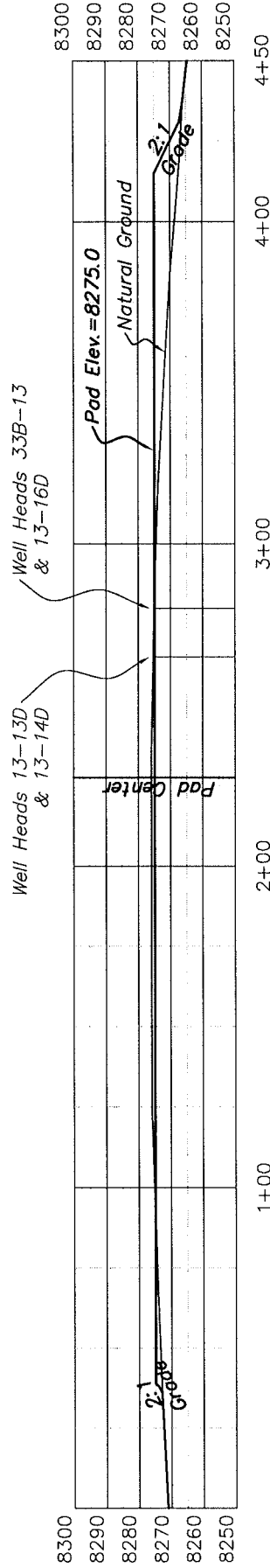
326 Main Street, Suite 100
GRAND JUNCTION, COLORADO 81501 (970) 245-4099

PROJ. NO.	SURVEYED	DRAWN	CHECKED	SHEET	OF
206025.16				1	1
DATE: May, 2008		SLB	PRG		

PAD & PIT CROSS SECTION - PLAT 3 **OF PARCEL LOCATED IN** **SECTION 13, T6S, R97W, 6th P.M.** **[CHEVRON #33B-13]**



SECTION A-A



SECTION B-B

PAD & PIT CROSS SECTION
PLAT 3
 SECTION 13
 T6S, R97W, 6th P.M.
 GARFIELD COUNTY, COLORADO

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PROJ. NO. 206025.16	SURVEYED	DRAWN	CHECKED	SHEET	OF
DATE: May, 2006	SLB	PRG	1	1	1

SCALE: 1"=50' H
 SCALE: 1"=50' V