

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

FORM SUBMITTED FOR:

Pit Report Pit Permit (multi-well pit)

	Oper	OGCC
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 from 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: [Signature]
 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: **XX**

Location 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: <u>05-045-15279</u>	Operator Name: BERRY PETROLEUM COMPANY
Well Status: XX	

API Number: <u>05-045-15280</u>	Operator Name: BERRY PETROLEUM COMPANY
Well Status: XX	

API Number: <u>05-045-15281</u>	Operator Name: BERRY PETROLEUM COMPANY
Well Status: XX	

API Number: <u>05-045-15282</u>	Operator Name: BERRY PETROLEUM COMPANY
Well Status: XX	

API Number: <u>05-045-15283</u>	Operator Name: BERRY PETROLEUM COMPANY
Well Status: XX	

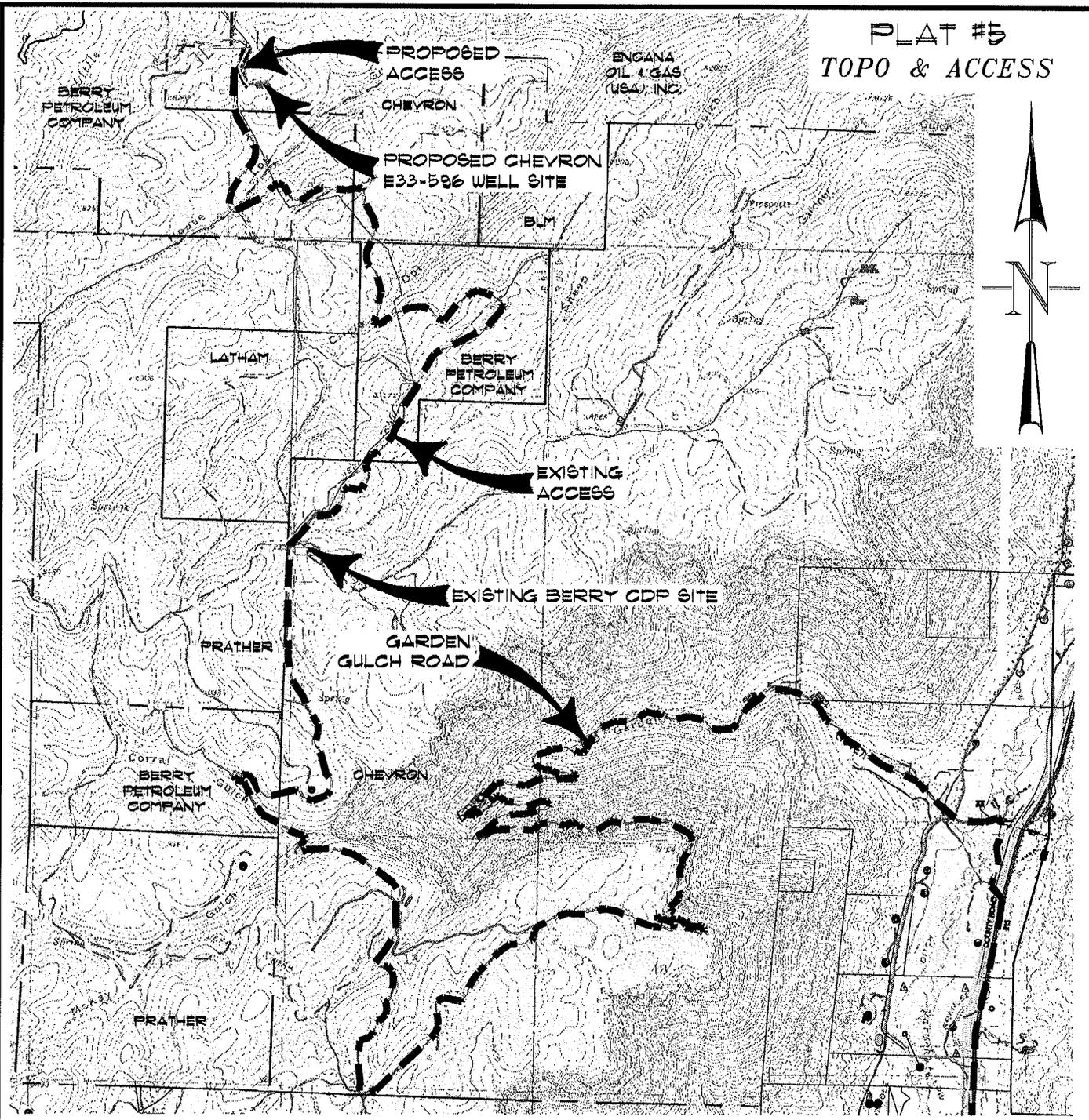
API Number: <u>05-045-15284</u>	Operator Name: BERRY PETROLEUM COMPANY
Well Status: XX	

API Number: <u>05-045-15285</u>	Operator Name: BERRY PETROLEUM COMPANY
Well Status: AL	

API Number: <u>05-045-15286</u>	Operator Name: BERRY PETROLEUM COMPANY
Well Status: XX	

API Number: <u>05-045-15287</u>	Operator Name: BERRY PETROLEUM COMPANY
Well Status: XX	

**PLAT #5
TOPO & ACCESS**



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.

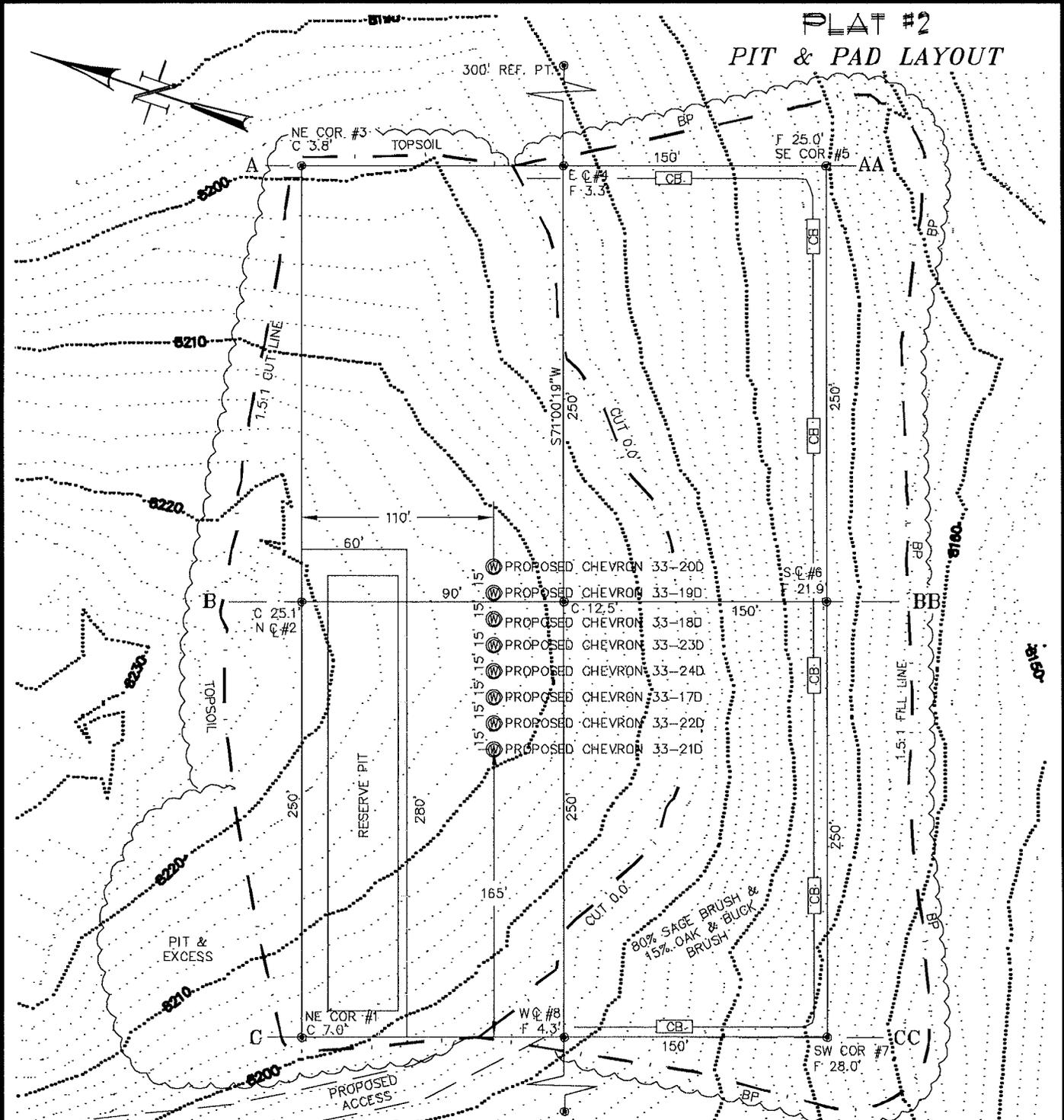


CONSTRUCTION SURVEYS, INC.
 0012 SUNRISE BLVD.
 SILT, CO 81652
 (970)876-5753

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

SCALE: 1" = 3000' SHEET 5 OF 9

PLAT #2 PIT & PAD LAYOUT



LEGEND:
 BP - BRUSH PILE/BARRIER
 CB - CONTAINMENT BERM
 TOTAL DISTURBED AREA = 5.43 AC.

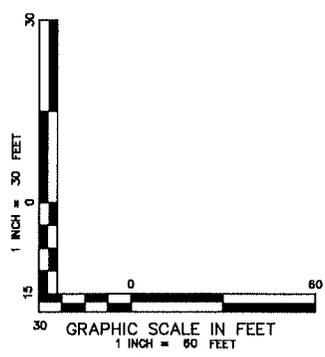
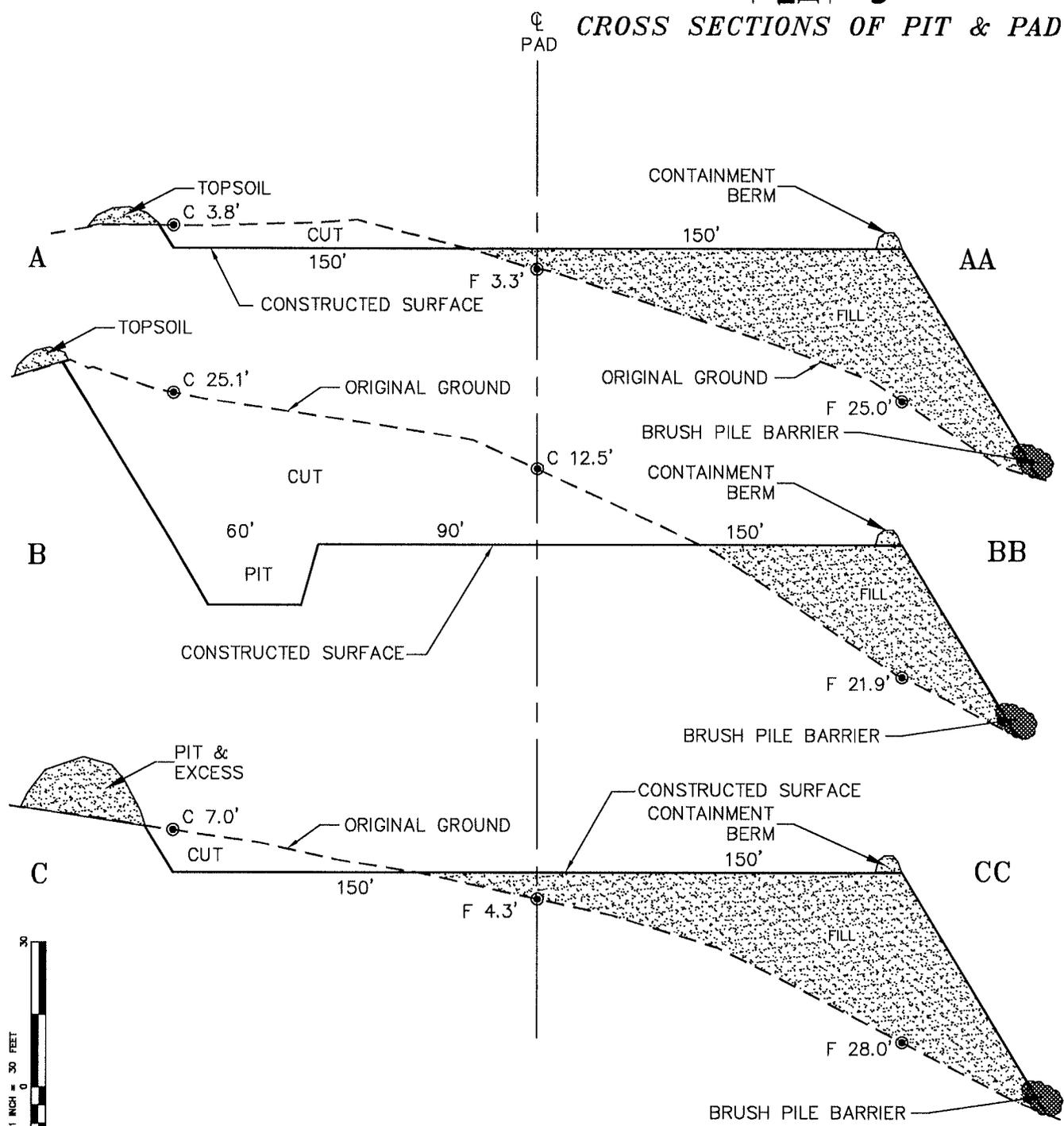
ESTIMATED PAD DIRT QUANTITIES (YDS)				
ITEM	CUT	FILL	TOPSOIL	EXCESS
PAD	43600	38600	4900	100
PIT	6200			6200
TOTALS	49800	38600	4900	6300



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REVISED: 5/22/08
CHEVRON E33-596
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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
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SCALE: AS SHOWN	SHEET: 3 of 9
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