

Site: Reserve 3-65 26 1H
Location ID: 435177



ConocoPhillips

Author: Maxwell Blair

User Name: farkas

Scale: 1:2,000

Date: 6/11/2019

0 80 160 320 Feet
0 0.01 0.02 0.04 Miles

Coordinate System: NAD 1927 StatePlane Colorado Central FIPS 0502
Units: US Feet

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S:\ARC_GIS_DATA\COGCC Surveys -06-07-19\06-10-19_COGCC_Surveyed_Sites.mxd

Location: Reserve 3-65 26 1H
Size: 2.72 acres

Location: Reserve 3-65 26 1H
Size: 4.04 acres

PROBABLE BMP COST SHEETS
Standardized Probable Cost Spreadsheet for Initial BMPs

Project Name: Reserve #3 65 26-1H

Date: December 9, 2013

No.	BMP	ID	Unit	Installation Unit Cost	Initial / Interim Quantity	Initial / Interim Cost
1	Check Dam	CD	LF	\$ 24.00		\$ -
2	Compost Blanket	CB	SR	\$ 1.50		\$ -
3	Concrete Filter Berm	CFB	LF	\$ 4.00		\$ -
4	Concrete Washout Area	CWA	EA	\$ 1,000.00		\$ -
5	Construction Fence	CF	LF	\$ 5.00		\$ -
6	Curt Socks	CS	EA	\$ 20.00		\$ -
7	Direction Channel	DC	EA	\$ 2,000.00		\$ -
8	Direction Dike	DD	LF	\$ 1.50		\$ -
9	Diversion Dike	DW	EA	\$ 600.00		\$ -
10	Erosion Control Blanket	ECB	SV	\$ 5.00		\$ -
11	Erosion Control Blanket	IP	EA	\$ 300.00	2	\$ 600.00
12	Outlet Protection - All Types	OP	EA	\$ 250.00	2	\$ 500.00
13	Reinforced Check Dam	RCD	LF	\$ 36.00		\$ -
14	Rock Sock	RS	EA	\$ 50.00	558	\$ 5,580.00
15	Rough Cut Street Control	RCS	EA	\$ 10.00		\$ -
16	Sediment Basin	SB	CY	\$ 3.00	120	\$ 360.00
17	Sediment Control Log	SCL	LF	\$ 1.785.00	985	\$ 1,785.00
18	Sediment Trap	ST	EA	\$ 600.00		\$ -
19	Seeding & Mulching (Less than 10 Acres)	SM	AC	\$ 2,500.00	3.5	\$ 8,750.00
20	Silt Fence	SF	LF	\$ 1,500.00		\$ -
21	Silt Fence - Reinforced	SF-R	LF	\$ 2.00		\$ -
22	Stabilized Staging Area	SSA	SV	\$ 2.00		\$ -
23	Surface Roughening	SR	AC	\$ 600.00		\$ -
24	Temporary Slope Drain	TSD	LF	\$ 25.00		\$ -
25	Temporary Stream Crossing	TSC	EA	\$ 1,500.00		\$ -
26	Tearing	TER	LF	\$ 5.00		\$ -
27	Tree Protection Fencing	TP	EA	\$ 1,000.00		\$ -
28	Vehicle Tracking Control	VTC	EA	\$ 1,500.00		\$ -
29	VTC with Wheel Wash	WW	EA	\$ 1,500.00		\$ -
30	Modification (required on all projects)	MB	LS	\$ 5,000.00	1	\$ 5,000.00
31	Front Maintenance/Sediment Removal (Based on area tributary to the pond)	PM	AC	\$ 1,000.00		\$ -
32	Street Maintenance (Based on lane miles of streets within project and adjacent to project)	STM	LM	\$ 1,500.00		\$ -
33	Other: _____					\$ -
Subtotal Cost of Initial BMPs						\$ 23,575.00
%				25% of Subtotal		\$ 5,893.75
Total Cost of Initial & Interim BMPs						\$ 29,468.75
Fiscal Security Amount						\$ 5,893.75

* For Temporary Batch Plant BMPs allow \$5000.00 in line 32
** Fiscal Security required is the higher amount of either the Initial or the Post-Paving, not both.

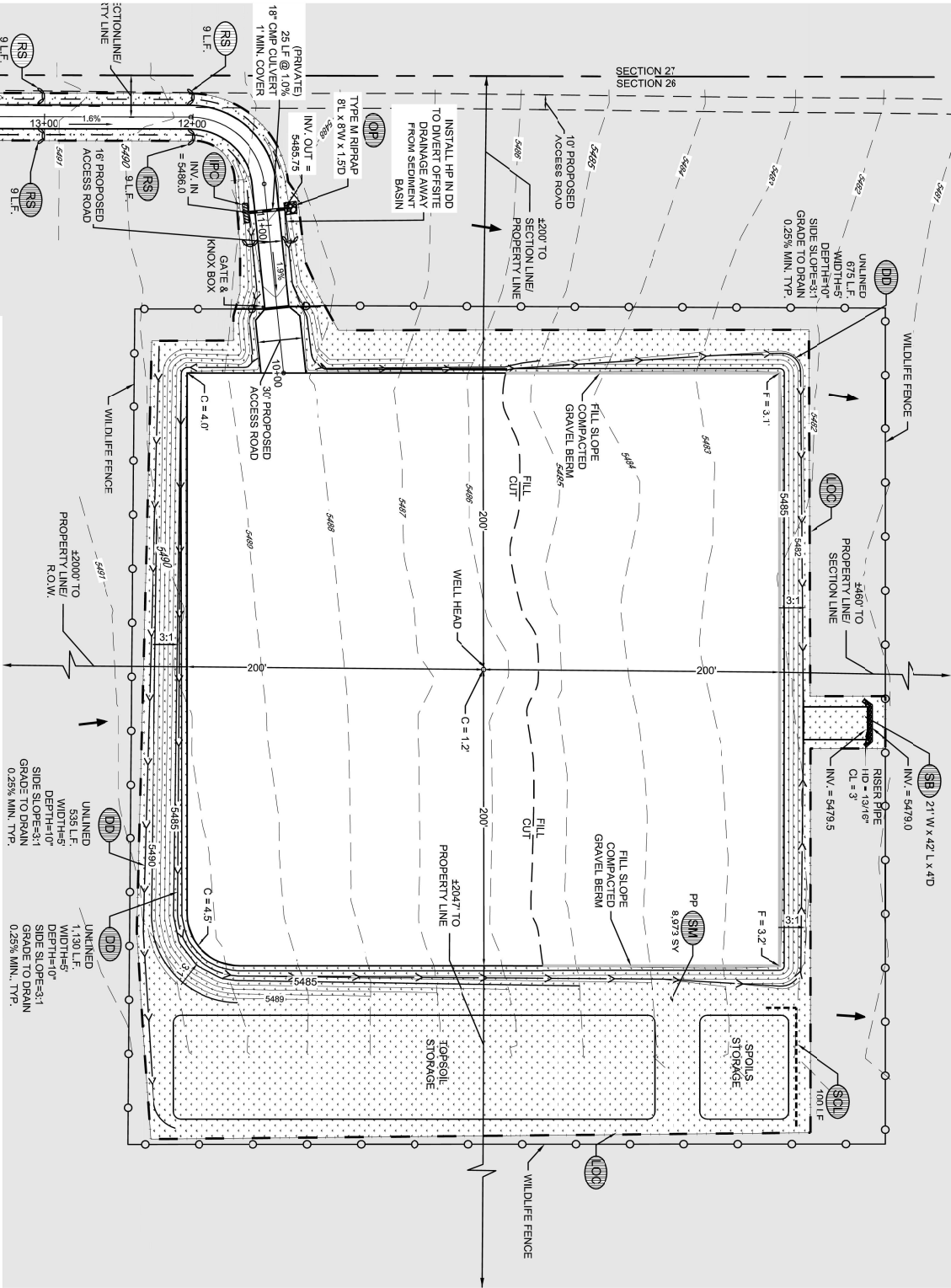
PROBABLE BMP COST SHEETS
Standardized Probable Cost Spreadsheet for Post Paving BMPs

Project Reserve #3 65 26-1H

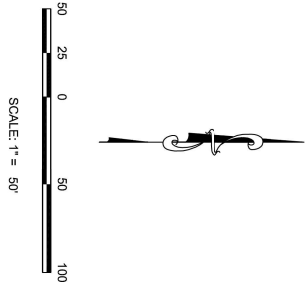
Date: December 9, 2013

No.	BMP	ID	Unit	Installation Unit Cost	Initial / Interim Quantity	Initial / Interim Cost
1	Check Dam	CD	LF	\$ 24.00		\$ -
2	Compost Blanket	CB	SR	\$ 1.50		\$ -
3	Concrete Filter Berm	CFB	LF	\$ 4.00		\$ -
4	Concrete Washout Area	CWA	EA	\$ 1,000.00		\$ -
5	Construction Fence	CF	LF	\$ 5.00		\$ -
6	Curt Socks	CS	EA	\$ 20.00		\$ -
7	Direction Channel	DC	EA	\$ 2,000		\$ -
8	Direction Dike	DD	LF	\$ 1.50		\$ -
9	Diversion Dike	DW	EA	\$ 600.00		\$ -
10	Erosion Control Blanket	ECB	SV	\$ 5.00		\$ -
11	Inlet Protection - All Types	IP	EA	\$ 300.00		\$ -
12	Partnerer Erosion Control BMPs (LxH)	PC	EA	\$ 500.00		\$ -
13	Outlet Protection	OP	EA	\$ 250.00		\$ -
14	Reinforced Check Dam	RCD	LF	\$ 36.00		\$ -
15	Rock Socks	RS	LF	\$ 10.00		\$ -
16	Sediment Basin	SB	CY	\$ 3.00		\$ -
17	Sediment Control Log	SCL	LF	\$ 3.00		\$ -
18	Sediment Trap	ST	EA	\$ 600.00		\$ -
19	Seeding & Mulching (Less than 10 Acres)	SM	AC	\$ 2,500.00	3.5	\$ 8,750.00
20	Silt Fence	SM	AC	\$ 1,500.00		\$ -
21	Silt Fence Reinforced	SF	LF	\$ 2.00		\$ -
22	Stabilized Staging Area	SSA	SV	\$ 4.00		\$ -
23	Surface Roughening	SR	AC	\$ 2.00		\$ -
24	Temporary Slope Drain	TSD	LF	\$ 600.00		\$ -
25	Temporary Stream Crossing	TSC	EA	\$ 25.00		\$ -
26	Tearing	TER	EA	\$ 1,500.00		\$ -
27	Tree Protection Fencing	TP	LF	\$ 5.00		\$ -
28	Vehicle Tracking Control	VTC	EA	\$ 1,000.00	1	\$ 1,000.00
29	VTC with Wheel Wash	WW	EA	\$ 1,500.00		\$ -
30	Modification (required on all projects)	MB	LS	\$ 5,000.00	1	\$ 5,000.00
31	Pond Maintenance/Sediment Removal (Based on area tributary to the pond)	PM	AC	\$ 1,000.00		\$ -
32	Street Maintenance (Based on lane miles of streets within project and adjacent to project)	STM	LM	\$ 1,500.00	1	\$ 1,500.00
33	Other: _____					\$ -
Subtotal Cost of Post Paving BMPs						\$ 17,250.00
%				25% of Subtotal		\$ 4,312.50
Total Cost of Post Paving BMPs						\$ 21,562.50
Fiscal Security Amount						\$ 4,312.50

Note: Do not include costs for BMPs carried over from the Initial Plan, only new installations
* For Temporary Batch Plant BMPs allow \$5000.00 in line 32
** Fiscal Security required is the higher amount of either the Initial or the Post-Paving, not both.



LEGEND	
	HIGH POINT ELEVATION
	SEEDING AND MULCHING
	CULVERT INLET PROTECTION
	STORAGE AREA
	OUTLET PROTECTION
	ROCK SOCKS/MATTLES
	SILT FENCE
	EROSION CONTROL BLANKET
	VEHICLE TRACKING CONTROL
	DIVERSION DITCH
	SEDIMENT CONTROL LOG
	LIMITS OF CONSTRUCTION



- NOTE:
1. SEE THE STANDARD NOTES AND DETAILS IN FIELD WIDE REPORT
 2. REVISED JANUARY 2010 (3 SHEETS) FOR ALL STANDARD DETAILS. NOTES QUANTITIES
 3. EXISTING GRADE AT WELL HEAD: 5486.4
 4. CUT SLOPES = 3:1
 5. PAD SITE ELEVATION = 5485.5 (GROUND), 5486.0 (GRAVEL)
 6. FILL SLOPES = 3:1
 7. TOPSOIL = 3.620 CY
 8. TOTAL CUT = 6.024 CY (DOES NOT INCLUDE TOPSOIL)
 9. TOTAL FILL = 6.288 CY (INCLUDES 10% ADJUSTMENT FOR COMPACTION)
 10. TOTAL DISTURBED AREA = 9.17 ACRES (INCLUDING ACCESS ROADWAY)
 11. ALL DIVERSION DITCHES ARE ANTICIPATED TO BE UNLINED
 12. ALL BMPs SHOWN WILL BE INSTALLED IN THE INITIAL PHASE UNLESS LABELED OTHERWISE. BMPs WITH "PP" ARE IN THE POST PAVING PHASE.

SOILS:
USING THE US DEPARTMENT OF AGRICULTURE'S WEB SOIL SURVEY, FOUR SOIL TYPES EXIST WITHIN THE PROJECT BOUNDARY. ARENA LOAM (ASD), PLANTER LOAM (PIC), RENOHILL LOAM (RND) and WELD LOAM (WNB). THE SOILS LISTED ABOVE FALL INTO THE HYDROLOGIC CLASSIFICATION GROUP C, WHICH HAS A SLOW INFILTRATION RATE. THE K FACTOR DESCRIBES A SOIL'S SUSCEPTIBILITY FOR RILL AND SHEET EROSION POTENTIAL (RATED 0.02 TO 0.89). THE HIGHER THE VALUE THE MORE SUSCEPTIBLE THE SOIL IS TO EROSION. THIS PROJECTS AREAS SOIL HAS AN AVERAGE K OF 0.27.

SEDIMENT BASIN:
CALCULATIONS IN REPORT
DIVERSION DITCH CAPACITY: 4.12 CFS @0.25%

BENCH MARK
CONCRETE MONUMENT A 3 INCH DIAMETER BRASS
CORNER OF QUINCY AVENUE AND 1/2 MILE EAST OF
FOUNTAIN ROAD. EL. = 5798.074, NAD83 1988

UNCC
BEFORE YOU DIG
1-800-922-1987

SHEET NUMBER 2	DRAWN BY: ILG	SCALE: AS SHOWN	RESERVE #3-65 26-1H OIL & GAS WELL S.E. OF N. HAYESMOUNT RD. & 38TH AVE. SWMP PLAN PAD SITE	CONOCOPHILLIPS COMPANY ATTN: MAXWELL BLAIR 34501 E. QUINCY AVE. WATKINS, CO 80137 PHONE: (303) 268-3711	 CVIL ENGINEERING LAND SURVEYING	10333 E. Dry Creek Rd. Suite 240 Engewood, CO 80112 Tel: (720) 482-9526 Fax: (720) 482-9546							
	CHECKED BY: MEL	FILE NO: 8.13.0201629											
	DATE: 12-13-13												
							No.	Revisions		Date	Init.	Appr.	Date

Reserve 3-65 26-1H

Well Site Photos





