

ENGINEER'S DAILY REPORT

Project: DeBeque Earthwork and Reclamation (PHA-1112)
Dates: 10/25/2010 through 12/1/2010

Document No. 2054997

Personnel On Location

COGCC:	Dave Andrews	10/25/2010, 11/16/2010, 12/1/2010
	Kevin King	11/8/2010, 11/11/2010, 11/12/2010
	Jay Krabacher	11/9/2010, 11/22/2010, 11/23/2010, 11/24/2010
Extreme:	Dan Denton	Various, including 11/8/2010, 11/9/2010
	Tyler Wingfield	Various, including 11/8/2010, 11/9/2010, 11/11/2010, 11/22/2010, 11/23/2010
	Larry Bond	Various, including 11/11/2010, 11/12/2010, 11/16/2010
	Bill Ubersox	Various, including 11/8/2010, 11/11/2010, 11/12/2010, 11/16/2010, 11/22/2010, 11/23/2010

Weather: See COGCC Field Book

Equipment:

- Pickup(s) and Work Trailer
- John Deere 225C LC Excavator
- John Deere 450J Dozer
- CAT 930G Loader
- JCB Vibromax VM 75 Compactor (smooth drum)
- Galion 850 Grader
- Kenworth Dump Truck #211
- AGM Water Truck #213
- Bobcat S185
- Small, Yellow Dump Truck
- Case 590 Super L Backhoe

Work Summary

Removed aggregate base course (ABC) from Pad #2 and hauled ABC off site (Extreme assumed ownership of recycled ABC).
Excavated excess subgrade fill from Pad #2; hauled, placed, and compacted excess subgrade fill in borrow pit.
Removed geotextile from Pad #2 and stockpiled used geotextile north of Pad #1 for disposal at a later date.
Re-contoured Pad #2 to match existing grade.
Re-contoured Borrow Pit to match existing grade after filling and compacting borrow pit, and placed topsoil on borrow pit.
Continued new ditch excavation.
Re-worked vehicle tracking pad.
Demobilized equipment from location.

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Measurement and Payment

Item No.	Description	Units	Unit Cost	Work Performed Today	Percent/Units Complete	Total Approved
1	Mobilization and Demobilization	LS	\$ 2,000.00	Completed earthwork equipment demob. Allow 75% complete for first (major) mob/demob. Task 20 (seeding) will be considered a minor mob/demob for the final 25% measurement.	75%	\$ 1,500.00
2	SWMP Implementation	LS	\$ 750.00	Re-worked vehicle tracking pad.	80%	\$ 600.00
3	Construction Staking	LS	\$ 4,945.00		100%	\$ 4,945.00
4	Erosion Control Wattles	LF	\$ 3.80		2025	\$ 7,695.00
5	Vehicle Tracking Pad	LS	\$ 1,200.00	Re-worked vehicle tracking pad.	70%	\$ 840.00
6	Vehicle Gate and Entrance/Exit Sign	LS	\$ 607.00		100%	\$ 607.00
7	Old Homestead Temporary Construction Fence	LF	\$ 1.60		276	\$ 441.60
8	Clearing and Grubbing	LS	\$ 1,500.00		100%	\$ 1,500.00
9	Topsoil Stripping and Stockpiling	CY	\$ 6.00		1055	\$ 6,330.00
10	Ditch Excavation	CY	\$ 2.10	Excavated 333 linear feet (LF) of new ditch: 45 LF @ 1.5 CF/LF N of Culvert #4, 267 LF @ 1.5 CF/LF around inside curve of access road, and 21 LF near ditch end in pasture (6' @ 3 CF/LF and 15 LF @ 1.5 CF/LF). Total ditches excavated and cleaned out to date = 1794 LF. Volume based on excavation of 568 LF @ 3 cubic feet (CF) per LF of ditch (typical section 12" deep, 48" wide at top and 24" wide at base) and 1403 LF @ 1.5 CF/LF (12" deep triangular, 36" wide at top).	141	\$ 296.10
11	Subgrade Preparation	CY	\$ 3.10		1110	\$ 3,441.00
12	Culverts	Each	\$ 3,000.00		4	\$ 12,000.00
13	Culvert Inlet and Outlet Protection	LS	\$ 175.00		100%	\$ 175.00
14	Geotextile	SY	\$ 1.80		6279	\$ 11,302.20
15	Aggregate Base Course	Tons	\$ 13.50		2296.72	\$ 31,005.72
16	Fence Brace Posts	Each	\$ 150.00		6	\$ 900.00
17	Barbed Wire Fence	LF	\$ 6.03		1063	\$ 6,409.89
18	Well 1 Working Pad Temporary Construction Fence	LF	\$ 1.25		318	\$ 397.50
19	Well Pad Reclamation Earthwork and Scrap Disposal	LS	\$ 5,100.00	Completed subtasks g, h, l, and k (see attached)	60%	\$ 3,060.00
20	Well Pad Reclamation Revegetation	SY	\$ 0.36		0	\$ -
21 (Change Order)	Pad #2 Diversion Trench	LS	\$ 350.00		100%	\$ 350.00
22 (Change Order)	Clearing and Grubbing along revised new ditch alignment south of Old Homestead	LS	\$ 300.00		100%	\$ 300.00
23 (Change Order)	Borrow Pit Temporary Construction Fence	LF	\$ 1.25		122	\$ 152.50
24 (Change Order)	Pad #2 Stockpile Relocation to Borrow Pit	CY	\$ 3.10		370	\$ 1,147.00

Current Total => \$ 95,395.51

**Measurement and Payment Subtask Breakout
for Item 3.19 - Well Pad Reclamation Earthwork and Scrap Disposal**

Bid Amount \$5,100.00

Subtask No.	Description	Measurement Percentage	Cost
a	Pad #1 ABC removal, handling, transportation, and final disposition in borrow pit or off-site	15%	\$ 765.00
b	Pad #1 geotextile removal	2%	\$ 102.00
c	Pad #1 geotextile disposal	8%	\$ 408.00
d	Pad #1 temporary construction fence removal and disposal	2%	\$ 102.00
e	Old Homestead temporary construction fence removal and disposal	2%	\$ 102.00
f	Borrow Pit temporary construction fence removal and disposal	1%	\$ 51.00
g	Borrow Pit topsoil placement and grading	10%	\$ 510.00
h	Pad #2 ABC removal, handling, transportation, and final disposition in borrow pit or off-site	15%	\$ 765.00
i	Pad #2 geotextile removal	2%	\$ 102.00
j	Pad #2 geotextile disposal	8%	\$ 408.00
k	Pad #2 grading and relocation of excess subgrade fill to Borrow Pit	25%	\$ 1,275.00
l	Pad #2 topsoil placement and grading	10%	\$ 510.00
Totals =>		100%	\$ 5,100.00