

## ENGINEER'S DAILY REPORT

Project: DeBeque Earthwork and Reclamation (PHA-1112)  
Date: 10/14/2010

Document No. 2055002

### Personnel On Location

|          |                     |         |         |
|----------|---------------------|---------|---------|
| COGCC:   | Kevin King          | 7:45 AM | 4:55 PM |
| Extreme: | Dan Denton          | 9:20 AM | 4:45 PM |
|          | Tyler Wingfield     | 7:55 AM | 4:45 PM |
|          | Bob Loback          | 9:15 AM | 4:45 PM |
|          | Roberto Castellanos | 7:55 AM | 4:45 PM |

Weather: Sunny  
Calm  
40's - 50's (AM), 60's - 70's (PM)

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 with clamshell sheepsfoot attached)  
Galion 850 Grader  
Kenworth Dump Truck #211  
AGM Water Truck #213  
Bobcat S185  
Small, Yellow Dump Truck

### **Work Summary**

Removed mound of dirt and debris from around wellhead at Pad #1.  
Continued excavating borrow pit and finished subgrade preparation over Culvert #2.  
Commenced installation of geotextile and placement and compaction of aggregate base course on access road.  
Excavated channels on inlet/outlet protection areas for Culvert #4 and installed nonwoven geotextile and riprap.  
Commenced installation of Pad #1 temporary construction fence.  
Watered access road for dust control.

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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 |   | 25%                    | \$ 500.00      |
| 2                 | SWMP Implementation  | LS    | \$ 750.00   | Watered access road for dust control  | 45%                    | \$ 337.50      |
| 3                 | Construction Staking   | LS    | \$ 4,945.00 |   | 100%                   | \$ 4,945.00    |
| 4                 | Erosion Control Wattles  | LF    | \$ 3.80     |   | 1930                   | \$ 7,334.00    |
| 5                 | Vehicle Tracking Pad   | LS    | \$ 1,200.00 |   | 60%                    | \$ 720.00      |
| 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     |   | 0                      | \$ -           |
| 11                | Subgrade Preparation   | CY    | \$ 3.10     | Continued subgrade preparation of access road over Culvert #2, continued excavation of subgrade fill from borrow pit. Quantity approximately 78 cy (6 loads X 12 cy per load and 1 load X 6 cy). Will verify actual quantity by elevation survey at a later date. | 792                    | \$ 2,455.20    |
| 12                | Culverts   | Each  | \$ 3,000.00 |   | 4                      | \$ 12,000.00   |
| 13                | Culvert Inlet and Outlet Protection  | LS    | \$ 175.00   | Culvert #4 Inlet/Oulet protection complete.   | 100%                   | \$ 175.00      |
| 14                | Geotextile   | SY    | \$ 1.80     | Installed 2 rolls (17.5' X 258') and portions of 2 additional rolls of geotextile. Approximate total of 3 full rolls installed.   | 1505                   | \$ 2,709.00    |
| 15                | Aggregate Base Course  | Tons  | \$ 13.50    | 22 truck loads (11 large dump truck loads and 11 small dump truck loads). Tonnage is based on load tickets.   | 239.3                  | \$ 3,230.55    |
| 16                | Fence Brace Posts  | Each  | \$ 150.00   |   | 0.125                  | \$ 18.75       |
| 17                | Barbed Wire Fence  | LF    | \$ 6.03     |   | 0                      | \$ -           |
| 18                | Well 1 Working Pad Temporary Construction Fence                                | LF    | \$ 1.25     | Installed east side of Pad #1 construction fence.   | 125                    | \$ 156.25      |
| 19                | Well Pad Reclamation Earthwork and Scrap Disposal                              | LS    | \$ 5,100.00 |   | 0%                     | \$ -           |
| 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   |   | 0%                     |                |

Current Total => \$ 43,809.85