

**SCHAAL DRILLING, CO.**  
**PO BOX 416**  
**BURLINGTON, CO. 80807**  
**719-346-8032**  
**FIELD REPORT**  
**SURFACE CASING, DRILLING AND CEMENTING**

DRILLING DATE 5-05-10

WELL NAME & LEASE # Deterding 31-08

MOVE IN, RIG UP, DIG PITS ETC. DATE 5-04-10 TIME 12:00 ☐AM ☒PM

SPUD TIME 6:45 ☒AM ☐PM SHALE DEPTH 310 TIME 9:00 ☒AM ☐PM

HOLE DIA. 9 7/8 FROM 0 TO 409 TD TIME 10:00 ☒AM ☐PM

CIRCULATE, T.O.O.H., MEASURED 395.10 FT CASING 407.10 KB FT SET DEPTH

10 JOINTS 7 0D #/FT ☐14 ☐15.5 ☒17 ☐20 ☐23

0 JOINTS 7 0D #/FT ☐14 ☐15.5 ☐17 ☒20 ☐23

PUMP 100 SACKS CEMENT 654 GALLONS DISP. CIRC. 5 BBL TO PIT

PLUG DOWN TIME 11:30 ☒AM ☐PM DATE 5-05-10

CEMENT LEFT IN CSG. 20 FT  
CENTRALIZER 1  
ELEVATION 3952  
+12KB 3964

TYPE: PORTLAND CEMENT I/II ASTM C 150  
CEMENT COST \$ 1262.30

**PIPE TALLY**

1. 39.57
2. 39.30
3. 39.62
4. 39.60
5. 39.57
6. 39.60
7. 39.60
8. 39.57
9. 39.10
10. 39.57
- 11.
- 12.
- 13.
- 14.
- 15.
- 16.

TOTAL 395.10