



YWWR = 101160008

**MONITORING WELL DEVELOPMENT,  
PURGING & SAMPLING RECORDS**

Well ID CAFN - MW-02 Well Diameter 2"  
 Project Name CHAMPAGNE Total Depth of Well 10.65 mbtoc  
 Project Number \_\_\_\_\_ Initial Depth to Water 7.91 mbtoc Time 11:21  
 Date MARCH 31/17 1 Casing Volume 5.4 L  
 Prepared By: JOHN MILLET / KATE PREIFEL 3 Casing Volume 16 L  
 Sample ID \_\_\_\_\_ Duplicate ID \_\_\_\_\_ Depth to Water After Purging 9.06 mbtoc Time 15:01  
 Sample Depth \_\_\_\_\_ Method of Purging 2" GRUNDFOS REDIFLO  
 Activity Performed at Well: Method of Sampling \_\_\_\_\_  
 Development  Purging  Sampling Method of Development 2" GRUNDFOS REDIFLO

time	intake depth feet (metres)	pumping rate gpm (Lpm)	cumulative volume litres / gallons	temp. F / C	pH (units)	specific conductance (µmhos/cm)	comments odour, colour, sediment load, well condition, presence of product
12:01	10.3	5.0	20	5.8	7.9	287	brown/grey, extremely turbid (choc. milk)
12:16	10.3	5.0	80	4.6	7.1	242	~40 NTU, less turbid
12:39	10.3	5.0	160	4.6	7.0	190	
13:43	10.3	4.0	240	4.8	7.0	176	water level = 8.93 mbtoc (pump stopped and restarted btwn 12:57-13:43)
14:05	10.3	4.0	320	5.3	7.2	163	∇ = 8.99 mbtoc
14:31	10.3	4.0	380	4.7	6.9	152	Generator ran out of fuel, stopped and restarted
14:38	10.3	4.0	400	4.4	6.8	147	∇ = 9.04 mbtoc at 14:41
14:47	10.3	4.0	440	4.3	6.6	147	∇ = 9.06 mbtoc at 14:52
15:01	10.3	4.0	500	4.2	6.7	143	∇ = 9.06 mbtoc at 15:01

container size and composition	preservative	number of containers	analyses	time	laboratory

pH calibration		(choose two)			zero check setting
time	buffer solution	pH 4.0	pH 7.0	pH 10.0	
start of day:	temp. (C)				
	instrument reading				
	should read/calibrated to				
end of day:	temp. (C)				
	instrument reading				

specific conductance calibration				zero & redline check
time	KCl solution (µmhos/cm @ 25 C)	1413		
start of day:	temp. (C)			
	instrument reading			
	should read			
end of day:	temp. (C)			
	instrument reading			
	should read			

notes  
 120 GALLONS USED DURING DRILLING → PURGE 120 GALLON PLUS  
 5 CASING VOLUMES = 500 L  
 = 125 GALLONS

Well ID CAFN - MW2 Site Location CHAMPAGNE  
 Project Name CHAMPAGNE FLOODING Field Personnel JOHN MILLER KATIE PFEIFER  
 Project Number \_\_\_\_\_ Recorded By JOHN MILLER

Permit Number \_\_\_\_\_  
 Installation Date(s) MARCH 30, 2017  
 Drilling Method HOLLOW STEM AUGER  
 Drilling Contractor MIDNIGHT SUN  
 Driller RYAN  
 Drilling Fluid WATER  
 Fluid Loss During Drilling 120 Litres/Gallons

### Materials Used

**Riser Pipe:** Length \_\_\_\_\_ metres/feet  
 Diameter 2 cm/inches  
 Construction  PVC schedule 40  
 Stainless Steel  
 Galvanized Steel

**Slotted Area:** Length 5 metres/feet  
 Diameter 2 cm/inches  
 Construction  PVC schedule 40  
 Stainless Steel  
 Galvanized Steel

Silt Trap Used  YES  NO  
 Filter Sock Used  YES  NO

**Bottom End Cap:**  Male  Female  
 PVC schedule 40  
 Stainless Steel  
 Galvanized Steel

**Top Cap:**  Male  Female  Slip  J Plug  
 PVC schedule \_\_\_\_\_  
 Stainless Steel  
 Galvanized Steel

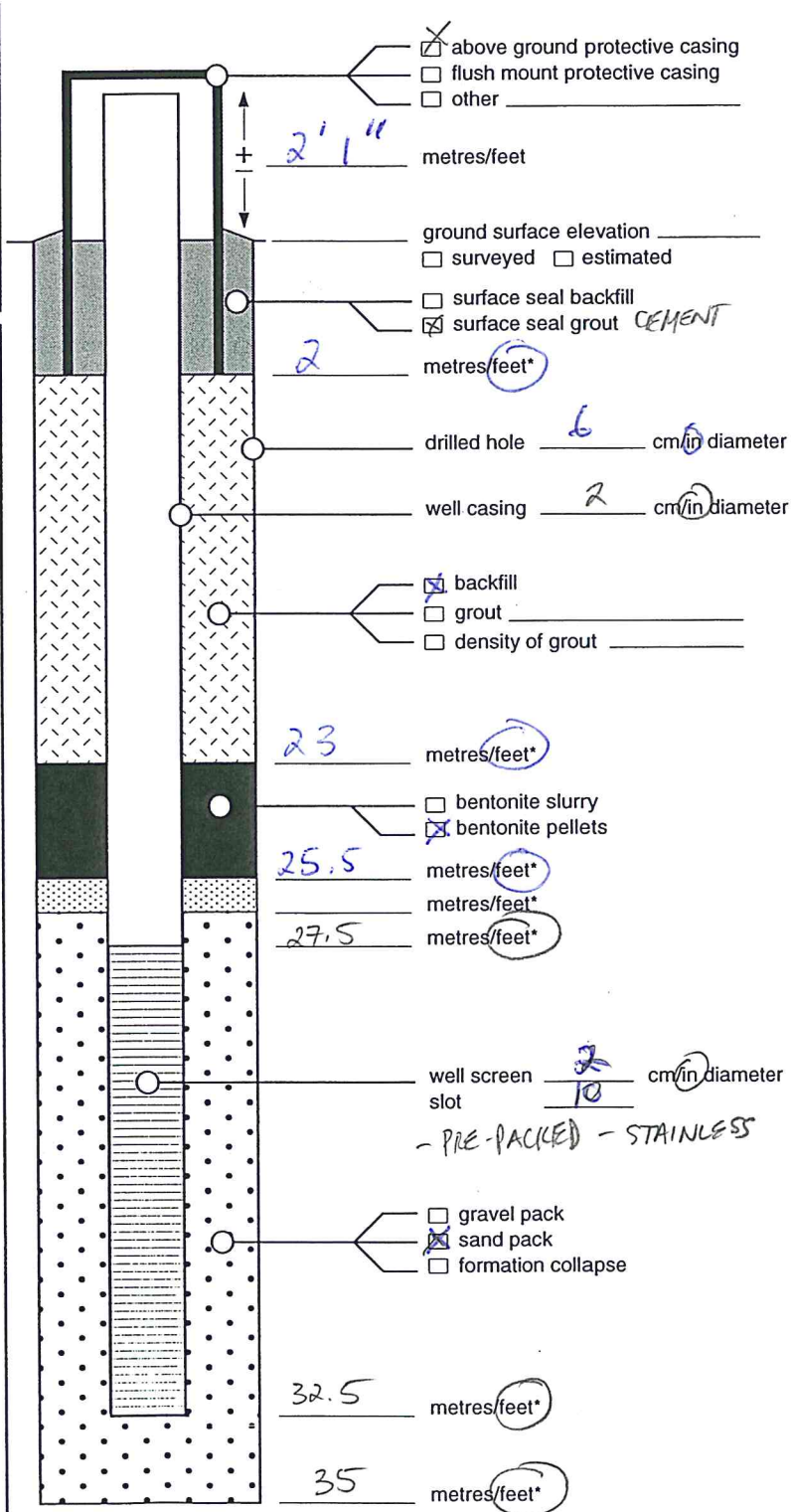
**Protective Casing:** Length \_\_\_\_\_ metres/feet  
 Diameter \_\_\_\_\_ cm/inches  
 Construction  Cast Aluminum  
 Cast Steel  
 Steel

**Casing Installation:**  YES (see page 2)  
 NO

**Sandpack:**  
 Coarse Sand: \_\_\_\_\_ bags of \_\_\_\_\_ kg/lb per bag Sand Gradation \_\_\_\_\_  
 Fine Sand: \_\_\_\_\_ bags of \_\_\_\_\_ kg/lb per bag Sand Gradation \_\_\_\_\_

**Seal:**  
 Bentonite Pellets: \_\_\_\_\_ bags of \_\_\_\_\_ kg/lb per bag Type \_\_\_\_\_  
 Bentonite Slurry: \_\_\_\_\_ bags of \_\_\_\_\_ kg/lb per bag Type \_\_\_\_\_

**Grout:**  
 Cement: \_\_\_\_\_ bags of \_\_\_\_\_ kg/lb per bag Type \_\_\_\_\_  
 Bentonite: \_\_\_\_\_ bags of \_\_\_\_\_ kg/lb per bag Type \_\_\_\_\_



Measuring Point is Top of Well Casing  
Unless Otherwise Noted

\*Depth Below Ground Surface

