



Water Well Drilling Report

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GIC Well ID 1502314
 GoA Well Tag No.
 Drilling Company Well ID
 Date Report Received 2015/08/28

GOWN ID

The driller supplies the data contained in this report. The Province disclaims responsibility for its accuracy. The information on this report will be retained in a public database.

Well Identification and Location						Measurement in Imperial	
Owner Name GESSNER, CLAYTON	Address P.O. BOX 1155		Town LLOYDMINSTER	Province ALBERTA	Country CANADA	Postal Code T9V 1G1	
Location	<i>1/4 or LSD</i> 16	<i>SEC</i> 4	<i>TWP</i> 48	<i>RGE</i> 1	<i>W of MER</i> 4	<i>Lot</i> 2	<i>Block</i> 1
				<i>Plan</i> 1422591	<i>Additional Description</i>		
Measured from Boundary of			GPS Coordinates in Decimal Degrees (NAD 83)				
Lot			Latitude <u>53.115134</u>			Elevation _____ ft	
10.00 ft from South			Longitude <u>-110.080082</u>			How Elevation Obtained	
100.00 ft from East			How Location Obtained			Not Obtained	
				Lat/Long calculated to centre of lot			

Drilling Information	
Method of Drilling Rotary - Mud	Type of Work New Well
Proposed Well Use Domestic	

Formation Log			Measurement in Imperial
Depth from ground level (ft)	Water Bearing	Lithology Description	
20.00		Brown Till	
25.00		Gray Till	
30.00		Fine Grained Sand	
50.00		Gray Sandy Till	
65.00		Gray Silty Shale	
70.00		Siltstone	
85.00		Gray Sandstone	
86.00		Siltstone	
93.00		Gray Sandstone	
100.00		Silty Shale	

Yield Test Summary			Measurement in Imperial
Recommended Pump Rate		<u>10.00 igpm</u>	
Test Date	Water Removal Rate (igpm)	Static Water Level (ft)	
2015/03/30	13.00	13.00	

Well Completion				Measurement in Imperial
Total Depth Drilled	Finished Well Depth	Start Date	End Date	
100.00 ft	90.00 ft	2015/03/30	2015/03/30	
Borehole				
Diameter (in)	From (ft)	To (ft)		
6.25	0.00	100.00		
Surface Casing (if applicable)		Well Casing/Liner		
		Plastic		
Size OD :	<u> </u> in	Size OD :	<u>5.00</u> in	
Wall Thickness :	<u> </u> in	Wall Thickness :	<u>0.258</u> in	
Bottom at :	<u> </u> ft	Top at :	<u>-2.00</u> ft	
		Bottom at :	<u>80.00</u> ft	
Perforations				
From (ft)	To (ft)	Diameter or Slot Width(in)	Slot Length (in)	Hole or Slot Interval(in)
Perforated by				
Annular Seal Bentonite Chips/Tablets				
Placed from <u>0.00</u> ft to <u>60.00</u> ft				
Amount <u>8.00</u> Bags				
Other Seals				
Type		At (ft)		
Screen Type Stainless Steel				
Size OD : <u>4.00</u> in				
From (ft)	To (ft)	Slot Size (in)		
80.00	90.00	0.015		
Attachment <u>Attached To Casing</u>				
Top Fittings <u>Coupler</u>		Bottom Fittings <u>Plug</u>		
Pack				
Type <u>Artificial</u>		Grain Size <u>16-30</u>		
Amount <u>12.00</u> Bags				

Contractor Certification	
Name of Journeyman responsible for drilling/construction of well MATTHEW MCALLISTER	Certification No 156492A
Company Name MCALLISTER DRILLING INC.	Copy of Well report provided to owner Date approval holder signed Yes 2015/03/30



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Well Identification and Location										Measurement in Imperial		
Owner Name		Address			Town		Province		Country		Postal Code	
GESSNER, CLAYTON		P.O. BOX 1155			LLOYDMINSTER		ALBERTA		CANADA		T9V 1G1	
Location		1/4 or LSD	SEC	TWP	RGE	W of MER	Lot	Block	Plan	Additional Description		
16		4	48	1	4	2	1	1422591				
Measured from Boundary of				Lot		GPS Coordinates in Decimal Degrees (NAD 83)						
10.00 ft from South						Latitude 53.115134		Longitude -110.080082		Elevation _____ ft		
100.00 ft from East						How Location Obtained				How Elevation Obtained		
						Lat/Long calculated to centre of lot				Not Obtained		

Additional Information										Measurement in Imperial					
Distance From Top of Casing to Ground Level _____										24.00 in					
Is Artesian Flow _____					Is Flow Control Installed _____										
Rate _____					igpm					Describe _____					
Recommended Pump Rate _____					10.00 igpm					Pump Installed Yes _____		Depth 70.00 ft			
Recommended Pump Intake Depth (From TOC) _____					70.00 ft					Type Submersible		Make GRUNDFOS		H.P. 0.75	
										Model (Output Rating) 10SQE240					
Did you Encounter Saline Water (>4000 ppm TDS) _____					Depth _____		ft		Well Disinfected Upon Completion Yes _____						
Remedial Action Taken _____					Gas _____		Depth _____		ft		Geophysical Log Taken _____				
										Submitted to ESRD _____					
Additional Comments on Well										Sample Collected for Potability _____		Submitted to ESRD _____			
UPDATED LEGAL FROM SECTION 2 TO 4 AND ADDED LOT, BLOCK, AND PLAN NUMBER AT REQUEST OF DRILLER 2026-04-13.															

Yield Test			Taken From Ground Level		Measurement in Imperial	
			Depth to water level			
Test Date	Start Time	Static Water Level				
2015/03/30	7:00 AM	13.00 ft				
Method of Water Removal			Pumping (ft)		Elapsed Time	
Type AIR					Minutes:Sec	
Removal Rate 13.00 igpm					Recovery (ft)	
Depth Withdrawn From 70.00 ft						
If water removal period was < 2 hours, explain why						
			0:00		68.00	
			1:00		36.00	
			2:00		25.00	
			3:00		20.00	
			4:00		17.00	
			5:00		16.00	
			6:16		16.00	
			7:00		15.00	
			8:00		15.00	
			9:00		15.00	
			10:00		14.00	

Water Diverted for Drilling		
Water Source	Amount Taken	Diversion Date & Time
SHOP	3519.00 ig	2015/03/30 6:00 AM

Contractor Certification			
Name of Journeyman responsible for drilling/construction of well		Certification No	
MATTHEW MCALLISTER		156492A	
Company Name		Copy of Well report provided to owner	
MCALLISTER DRILLING INC.		Date approval holder signed	
		Yes	
		2015/03/30	