



# Water Well Drilling Report

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GIC Well ID 1067208  
GoA Well Tag No.  
Drilling Company Well ID  
Date Report Received 2013/10/18

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	
<b>Owner Name</b>		Address			Town		Province		Country	Postal Code	
ALBERTA		CANADA									
<b>Location</b>	1/4 or LSD	SEC	TWP	RGE	W of MER	Lot	Block	Plan	Additional Description		
	8	30	37	27	4						
<b>Measured from Boundary of</b>					<b>GPS Coordinates in Decimal Degrees (NAD 83)</b>						
_____ ft from _____					Latitude <u>52.206600</u>		Longitude <u>-113.840280</u>		Elevation <u>2984.00</u> ft		
_____ ft from _____					How Location Obtained					How Elevation Obtained	
					Hand held autonomous GPS 20-30m					Hand held autonomous GPS 20-30m	

Drilling Information	
<b>Method of Drilling</b> Rotary - Air	<b>Type of Work</b> New Well
<b>Proposed Well Use</b> Domestic	

Formation Log			Measurement in Imperial
Depth from ground level (ft)	Water Bearing	Lithology Description	
18.00		Brown Clay	
22.00		Gray Clay	
30.00		Clay & Gravel	
40.00		Sand & Gravel	
108.00		Clay & Sand	
120.00	Yes	Gravel	
125.00		Clay	

Yield Test Summary			Measurement in Imperial
Recommended Pump Rate <u>10.00</u> igpm			
Test Date	Water Removal Rate (igpm)	Static Water Level (ft)	
2013/09/25	40.00	40.00	

Well Completion				Measurement in Imperial
Total Depth Drilled	Finished Well Depth	Start Date	End Date	
125.00 ft	118.00 ft	2013/09/25	2013/09/25	
<b>Borehole</b>				
Diameter (in)	From (ft)	To (ft)		
<b>Surface Casing (if applicable)</b>		<b>Well Casing/Liner</b>		
Stainless Steel				
Size OD :	<u>5.56</u> in	Size OD :	_____ in	
Wall Thickness :	<u>0.258</u> in	Wall Thickness :	_____ in	
Bottom at :	<u>118.00</u> ft	Top at :	_____ ft	
		Bottom at :	_____ ft	
<b>Perforations</b>				
From (ft)	To (ft)	Diameter or Slot Width(in)	Slot Length (in)	Hole or Slot Interval(in)
Perforated by _____				
<b>Annular Seal</b>				
Placed from _____ ft to _____ ft				
Amount _____				
Other Seals				
Type	At (ft)			
<b>Screen Type</b>				
Size OD : _____ in				
From (ft)	To (ft)	Slot Size (in)		
Attachment _____				
Top Fittings _____		Bottom Fittings _____		
<b>Pack</b>				
Type	<u>Natural</u>	Grain Size _____		
Amount _____				

Contractor Certification	
Name of Journeyman responsible for drilling/construction of well RILEY PEARSON	Certification No 83061A
Company Name ALKEN BASIN DRILLING LTD.	Copy of Well report provided to owner Yes
	Date approval holder signed 2013/09/27



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Well Identification and Location										Measurement in Imperial	
<b>Owner Name</b>		<b>Address</b>			<b>Town</b>		<b>Province</b>		<b>Country</b>	<b>Postal Code</b>	
							ALBERTA		CANADA		
<b>Location</b>	<b>1/4 or LSD</b>	<b>SEC</b>	<b>TWP</b>	<b>RGE</b>	<b>W of MER</b>	<b>Lot</b>	<b>Block</b>	<b>Plan</b>	<b>Additional Description</b>		
	8	30	37	27	4						
<b>Measured from Boundary of</b>					<b>GPS Coordinates in Decimal Degrees (NAD 83)</b>						
_____ ft from _____					Latitude <u>52.206600</u> Longitude <u>-113.840280</u>					Elevation <u>2984.00</u> ft	
_____ ft from _____					How Location Obtained					How Elevation Obtained	
					Hand held autonomous GPS 20-30m					Hand held autonomous GPS 20-30m	

Additional Information										Measurement in Imperial	
Distance From Top of Casing to Ground Level <u>24.00</u> in											
Is Artesian Flow _____					Is Flow Control Installed _____						
Rate _____ igpm					Describe _____						
Recommended Pump Rate <u>10.00</u> igpm					Pump Installed _____					Depth _____ ft	
Recommended Pump Intake Depth (From TOC) <u>80.00</u> ft					Type _____					Make _____ H.P. _____	
										Model (Output Rating) _____	
Did you Encounter Saline Water (>4000 ppm TDS) _____					Depth _____ ft		Well Disinfected Upon Completion <u>Yes</u>				
Remedial Action Taken _____					Gas _____ Depth _____ ft		Geophysical Log Taken _____				
										Submitted to ESRD _____	
										Sample Collected for Potability _____ Submitted to ESRD _____	
Additional Comments on Well _____											

Yield Test			Taken From Top of Casing	Measurement in Imperial
			Depth to water level	
Test Date	Start Time	Static Water Level		
2013/09/25	2:00 PM	40.00 ft		
<b>Method of Water Removal</b>				
Type <u>Air</u>				
Removal Rate <u>40.00</u> igpm				
Depth Withdrawn From <u>100.00</u> ft				
If water removal period was < 2 hours, explain why _____				

Pumping (ft)	Elapsed Time Minutes:Sec	Recovery (ft)
40.00	0:00	100.00
	1:00	60.00
	2:00	50.00
	3:00	45.00
	4:00	42.00
	5:00	40.00

Water Diverted for Drilling		
Water Source	Amount Taken	Diversion Date & Time
SHOP	1200.00 ig	2013/09/25 7:30 AM

Contractor Certification	
Name of Journeyman responsible for drilling/construction of well	Certification No
RILEY PEARSON	83061A
Company Name	Copy of Well report provided to owner
ALKEN BASIN DRILLING LTD.	Yes
	Date approval holder signed
	2013/09/27