



Water Well Drilling Report

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.

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GIC Well ID

GoA Well Tag No.

Drilling Company Well ID

Date Report Received

2013/02/01

Well Identification and Location								Measurement in Imperial	
Owner Name DEVON CANADA CORP.		Address 2000, 400 - 3RD AVE SW			Town CALGARY		Province ALBERTA	Country CANADA	Postal Code T2P 4H2
Location 13	1/4 or LSD 24	SEC 75	TWP 7	RGE 4	Lot	Block	Plan	Additional Description PAD VV V	
Measured from Boundary of ft from ft from				GPS Coordinates in Decimal Degrees (NAD 83) Latitude 55.517792 Longitude -110.960003				Elevation	ft
				How Location Obtained Not Verified				How Elevation Obtained Not Obtained	

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

Formation Log			Measurement in Imperial		Yield Test Summary			Measurement in Imperial	
Depth from ground level (ft)	Water Bearing	Lithology Description			Recommended Pump Rate 35.00 igpm				
13.00		Brown Till			Test Date	Water Removal Rate (igpm)	Static Water Level (ft)		
39.00		Gray Till			2012/11/28	35.00	149.85		
48.00		Brown Fine Grained Sand			Well Completion			Measurement in Imperial	
70.00		Gray Till			Total Depth Drilled	Finished Well Depth	Start Date	End Date	
80.00		Sand			420.00 ft	412.00 ft	2012/11/26	2012/11/28	
190.00		Gray Till			Borehole				
235.00		Brown Fine Grained Sand			Diameter (in)	From (ft)	To (ft)		
360.00		Gray Till			9.88	0.00	415.00		
420.00		Brown Fine Grained Sand			6.25	415.00	420.00		
					Surface Casing (if applicable)			Well Casing/Liner	
								Plastic	
					Size OD :	in	6.00 in		
					Wall Thickness :	in	0.432 in		
					Bottom at :	ft	-2.00 ft		
							392.00 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	0.00 ft	to	380.00 ft	
					Amount	30.00 Bags			
					Other Seals				
					Type		At (ft)		
					Screen Type Stainless Steel				
					Size OD :	6.00 in			
					From (ft)	To (ft)	Slot Size (in)		
					392.00	412.00	0.012		
					Attachment Attached To Casing				
					Top Fittings Coupler			Bottom Fittings Plug	
					Pack				
					Type	Artificial	Grain Size	10-20	
					Amount	20.00 Bags			

Contractor Certification	
Name of Journeyman responsible for drilling/construction of well DARELL LEPPER	Certification No 5449Q
Company Name LAKELAND DRILLING LTD.	Copy of Well report provided to owner Yes
	Date approval holder signed 2012/11/28



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1421351

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Drilling Company Well ID

Date Report Received 2013/02/01

Well Identification and Location								Measurement in Imperial	
Owner Name	Address			Town		Province	Country	Postal Code	
DEVON CANADA CORP.	2000, 400 - 3RD AVE SW			CALGARY		ALBERTA	CANADA	T2P 4H2	
Location	1/4 or LSD 13	SEC 24	TWP 75	RGE 7	W of MER 4	Lot	Block	Plan	Additional Description PAD VV V
Measured from Boundary of ft from ft from				GPS Coordinates in Decimal Degrees (NAD 83) Latitude 55.517792 Longitude -110.960003				Elevation ft How Elevation Obtained Not Obtained	
How Location Obtained Not Verified								Describe	

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	35.00 igpm			Pump Installed		Yes	Depth	290.00 ft	
Recommended Pump Intake Depth (From TOC)	240.00 ft			Type	Submersible	Make	GRUNDFOS	H.P.	Other
								Model (Output Rating) 25S-16	
Did you Encounter Saline Water (>4000 ppm TDS)	Depth ft			Well Disinfected Upon Completion				Yes	
Gas	Depth ft			Geophysical Log Taken				Electric	
Remedial Action Taken								Submitted to ESRD	
Additional Comments on Well								Sample Collected for Potability	Submitted to ESRD
ANNULAR SEAL: ALSO 20 BAGS BENTONITE SLURRY, PUMP INSTALLED: 3HP									

Yield Test			Taken From Top of Casing Depth to water level		Measurement in Imperial
Test Date	Start Time	Static Water Level	Pumping (ft)	Elapsed Time Minutes:Sec	Recovery (ft)
2012/11/28	1:15 PM	149.85 ft	149.87	0:00	243.64
Method of Water Removal			176.02	1:00	224.28
Type Pump			189.99	2:00	190.09
Removal Rate 35.00 igpm			199.57	3:00	178.35
Depth Withdrawn From ft			204.92	4:00	168.24
			211.19	5:00	161.98
			217.42	6:00	160.50
			223.59	7:00	157.97
			227.56	8:00	156.96
			230.05	9:00	155.94
			231.86	10:00	155.81
			234.19	12:00	154.56
			236.58	14:00	154.04
			238.09	16:00	153.61
			239.30	18:00	153.31
			239.99	20:00	152.95
			240.68	25:00	152.66
			241.27	30:00	152.33
			241.77	35:00	151.80
			242.19	40:00	151.57
			242.59	50:00	151.35
			242.95	60:00	150.98
			243.08	75:00	150.82
			243.21	90:00	150.69
			243.47	105:00	150.46
			243.64	120:00	150.30

Water Diverted for Drilling		
Water Source	Amount Taken	Diversion Date & Time
PLANT	2000.00 ig	2012/11/26 1:00 PM

Contractor Certification		
Name of Journeyman responsible for drilling/construction of well	Certification No	
DARELL LEPPER	5449Q	
Company Name	Copy of Well report provided to owner	
LAKELAND DRILLING LTD.	Yes Date approval holder signed	
		2012/11/28