



Water Well Drilling Report

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GIC Well ID 1421351
GoA Well Tag No.
Drilling Company Well ID
Date Report Received 2013/02/01

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

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

Formation Log			Measurement in Imperial	
Depth from ground level (ft)	Water Bearing	Lithology Description		
13.00		Brown Till		
39.00		Gray Till		
48.00		Brown Fine Grained Sand		
70.00		Gray Till		
80.00		Sand		
190.00		Gray Till		
235.00		Brown Fine Grained Sand		
360.00		Gray Till		
420.00		Brown Fine Grained Sand		

Yield Test Summary			Measurement in Imperial	
Recommended Pump Rate			35.00 igpm	
Test Date	Water Removal Rate (igpm)	Static Water Level (ft)		
2012/11/28	35.00	149.85		

Well Completion			Measurement in Imperial	
Total Depth Drilled	Finished Well Depth	Start Date	End Date	
420.00 ft	412.00 ft	2012/11/26	2012/11/28	
Borehole				
Diameter (in)	From (ft)	To (ft)		
9.88	0.00	415.00		
6.25	415.00	420.00		
Surface Casing (if applicable)		Well Casing/Liner		
		Plastic		
Size OD :	in	Size OD :	6.00 in	
Wall Thickness :	in	Wall Thickness :	0.432 in	
Bottom at :	ft	Top at :	-2.00 ft	
		Bottom at :	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	Certification No
DARELL LEPPER	5449Q
Company Name	Copy of Well report provided to owner
LAKELAND DRILLING LTD.	Date approval holder signed
	Yes 2012/11/28



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Location		1/4 or LSD	SEC	TWP	RGE	W of MER	Lot	Block	Plan	Additional Description	
13		24	75	7	4					PAD VV V	
Measured from Boundary of						GPS Coordinates in Decimal Degrees (NAD 83)					
ft from						Latitude 55.517792		Longitude -110.960003		Elevation ft	
ft from						How Location Obtained		How Elevation Obtained			
Not Verified										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 35.00 igpm										Pump Installed Yes	
Recommended Pump Intake Depth (From TOC) 240.00 ft										Depth 290.00 ft	
										Type Submersible	
										Make GRUNDFOS	
										H.P. Other	
										Model (Output Rating) 25S-16	
Did you Encounter Saline Water (>4000 ppm TDS)										Depth ft	
Gas										Depth ft	
Remedial Action Taken										Well Disinfected Upon Completion Yes	
										Geophysical Log Taken Electric	
										Submitted to ESRD	
										Sample Collected for Potability	
										Submitted to ESRD	
Additional Comments on Well											
ANNULAR SEAL: ALSO 20 BAGS BENTONITE SLURRY, PUMP INSTALLED: 3HP											

Yield Test			Taken From Top of Casing		Measurement in Imperial	
			Depth to water level			
Test Date	Start Time	Static Water Level	Pumping (ft)	Elapsed Time	Recovery (ft)	
2012/11/28	1:15 PM	149.85 ft		Minutes:Sec		
Method of Water Removal			149.87	0:00	243.64	
Type Pump			176.02	1:00	224.28	
Removal Rate 35.00 igpm			189.99	2:00	190.09	
Depth Withdrawn From ft			199.57	3:00	178.35	
If water removal period was < 2 hours, explain why			204.92	4:00	168.24	
ALSO RAN AN AIR TEST @ 60 IGPM @ 410'			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

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DARELL LEPPER		5449Q	
Company Name		Copy of Well report provided to owner	Date approval holder signed
LAKELAND DRILLING LTD.		Yes	2012/11/28