



WELL DRILLER'S REPORT
NORTH DAKOTA BOARD OF WATER WELL CONTRACTORS
STATE OF NORTH DAKOTA
SFN 60273 (11/2013)

ND Board of Water Well Contractors • 900 E. Boulevard Ave. - Dept. 770 • Bismarck, ND, 58505-0850
State law requires that this report be filed with the State Board of Water Well Contractors within 30 days after completion or abandonment of the well.

WELL OWNER				Was pump installed? ☒ Yes ☐ No			
Name Earthwater Bakken LLC				Was well disinfected upon completion? ☒ Yes ☐ No			
Address 1720 BurntBoat Dr. Bismarck, ND 58503				WATER LEVEL			
WELL LOCATION Sketch map location must agree with written location.				Static water level (in feet) below surface			
		County McKenzie		GPS		If flowing, closed-in pressure in psi	
		1/4 SE		1/4 SW		1/4 NW	
		Township 152		Range 99		Section 18	
PROPOSED USE				WELL TEST DATA			
☐ Domestic ☐ Geothermal ☐ Municipal ☒ Industrial ☐ Stock ☐ Irrigation ☐ Monitoring ☐ Test Hole				☒ Pump ☐ Bailer ☐ Other			
METHOD DRILLED				Pumping level below land surface			
☐ Cable ☐ Jetted ☒ Forward Rotary ☐ Reverse Rotary ☐ Bored ☐ Auger ☐ If other, specify _____				500 Feet after 6 Hrs. pumping 42 gpm			
WATER QUALITY Was a water sample collected for				Feet after Hrs. pumping gpm			
Chemical Analysis? ☐ Yes ☒ No				Feet after Hrs. pumping gpm			
Bacteriological Analysis? ☐ Yes ☒ No				Feet after Hrs. pumping gpm			
If so, to what laboratory was it sent?				WELL LOG			
WELL CONSTRUCTION				Formation Depth (ft.)			
Diameter of hole in inches 18" - 14.75" - 9.875"		Depth in feet 635		From		To	
Casing: ☒ Steel ☐ Plastic ☐ Concrete ☐ Other ☒ Threaded ☐ Welded ☐ If other, specify _____				Topsoil 0 2			
Pipe Weight	Diameter	From	To	Clayey Silt Br 2 22			
65 lb/ft	16 inches	0 feet	40 feet	Gravelly Sand Br 22 28			
40 lb/ft	10.75 inches	+2 feet	570 feet	Clay with occ. coal lenses Gr 28 206			
17 lb/ft	6 inches	539 feet	560 feet	Sand medium clean Gr 204 226			
Was perforated pipe used? ☐ Yes ☒ No				Silty Clay with coal layers Gr 226 477			
Perforated pipe set from in feet To in feet				Sand fine Gr 477 484			
Was casing left open end? ☒ Yes ☐ No				Silty Clay Gr 484 576			
Was a well screen installed? ☒ Yes ☐ No				Sand medium Gr 576 585			
Material Stainless Steel		Diameter in inches 6		Sandy Clay Gr 585 587			
Slot Size		Set from in feet To in feet		Sand medium Gr 587 591			
.018		560-580 590-630		Silty Clay Gr 591 599			
.030		580 590		Soft sandstone with fractured layers Gr 599 608			
Was packer or seal used? ☐ Yes ☒ No				Clay Gr 608 612			
If so, what material Depth in feet				Sand dirty with coal lenses Gr 612 616			
Type of well ☐ Straight screen ☒ Gravel packed				Sandstone soft large cuttings Gr Very sandy water 616 630			
Depth grouted		From To		Siltstone with coal stringers Gr 630 635			
0		570					
Grouting Material		Cement Other					
Cement							
If other, explain:				(Use separate sheet if necessary)			
Well head completion: Pitless unit N/A				DATE COMPLETED 4/27/14			
12" above grade Yes				WAS WELL PLUGGED OR ABANDONED?			
If other, specify				☐ Yes ☒ No			
				If so, how			
				REMARKS			
				Z-4 Intermediate			
				DRILLER'S CERTIFICATION			
				This well was drilled under my jurisdiction and this report is true to the best of my knowledge.			
				Driller's or Firm's Name Gregory Drilling Inc		Certificate Number 57	
				Address 17609 NE 70th St Redmond, WA 98052			
				Signed by Chad N. Gregory		Date 7/15/14	