70480

PWS well

ABS Energy – Well #1

Mitchell County, Otranto Township, Section 10, NE

Latitude: 43.29899, Longitude: -92.56940

Started March 21, 2007, completed March 26, 2007

Log of Well

0'	To	4'	Sandy Clay
4'	To	18'	Brown Soft Clay
18'	To	20'	Green Shale
20'	To	35'	Brown Limerock
35'	To	37'	Open Crevice
37'	To	47'	Brown Shale Rock
47'	To	51'	Brown Limerock
51'	To	68'	Dark Brown & Black Limerock
68'	To	87'	Gray Thunder Shale Rock
87'	To	95'	Gray & White Limerock
95'	To	165'	Gray Limerock
165'	To	170'	Gray & Blue Limerock
170'	To	195'	Brown Limerock with thin band of Shale

Construction Record

A 12¼" hole was drilled to 28' and 10" temporary casing was installed. A 10" hole was drilled to 95'. The well was then cased with 98' of 7" steel casing. Neat cement grout was pumped into the annular space. The temporary casing was removed. A 6¼" hole was drilled to 195'. The well was then airlifted. The static water level is 9' and the recommended pump setting is 75' at 50 gallons per minute.

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