

WATER PERMIT NO. 2621-2

Name of Applicant: **Tuthill Community Presbyterian Church**

Address: **23106 Falcon Ln, Tuthill SD 57574** Phone:

Amount of Water Claimed: **0.02 cfs** Total Acres: **NA**

Source of Water Supply: **groundwater (one well)**

Water to be used for: **institutional use** County: **Bennett**

Type of Waste Disposal System:

Location: **east of Tuthill**

PRIORITY Date Received: **8-31-07** Application/License Fee: **\$100**

Corrected Application Received: Period of Annual Use: **January 1 – December 31**

Remarks:

Diversion Point: **NW ¼ SW ¼ Sec 20-T37N-R35W**

Land to be Irrigated: **NA**

Depth of Well: **45 feet deep**

Well Driller: : **Adair Drilling**

Remarks:

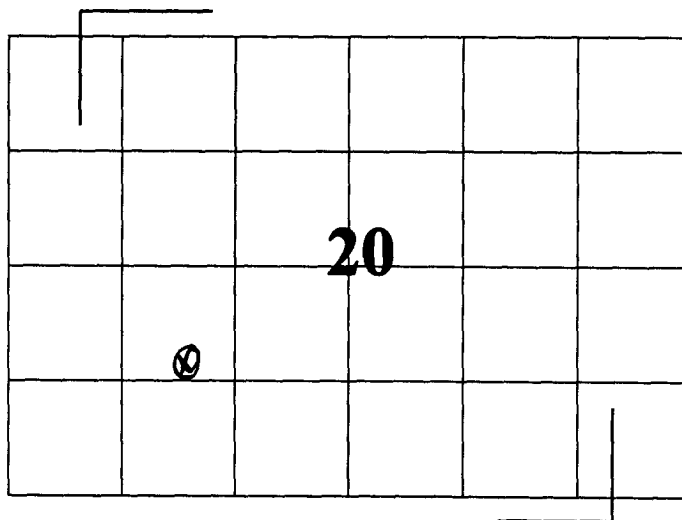
Type of Map: **aerial**

Prepared by: **NRCS**

Reviewed and the Number Assigned on: **9-4-07**

By: **Karen Schlaak**

Notice of Hearing - date to intervene: _____



FORM 2: Application for uses other than irrigation
(type or print)

Mail to: Water Rights Program Joe Foss Building 523 E. Capitol Pierre, SD 57501-3181 (605) 773-3352	No. <u>2621-2</u> (office use only) Hydrologic Unit <u>10/40208</u>
	Basin <u>White River</u>
	Newspaper <u>Bennett Co. Booster II PO Box 610</u>
	<u>605-685-6866</u> <u>Martin 5751</u>

RECEIVED

AUG 31 2007

WATER RIGHTS
PROGRAM

Application For Permit To Appropriate Water Within The State Of South Dakota

Check use(s) of water:

☐ Municipal	☐ Suburban Housing	☐ Recreational	☒ Institutional
☐ Rural Water System	☐ Commercial	☐ Fish & Wildlife	☐ Geothermal Heat
☐ Domestic (over 18 gpm)	☐ Industrial	☐ Other	

Type of Application: ☒ New ☐ Vested Right (Use predates Mar 2, 1955) ☐ Future Use Reservation
(check one) ☐ Place to Beneficial Use Water Reserved by Future Use Permit No. _____
☐ Amendment/Correction to Permit No. _____

Description of amendment/correction: (i.e. change diversion point(s), add diversion point(s), change use, etc.) _____

1. Name of Applicant Tutthill Community Presbyterian Church Phone _____
(check one) Owner Tenant/lessee
Mailing Address 23106 Falcon Ln Tutthill State SD 57574
(Street, RR, or Box and City) (approx 10 GPM) (Zip Code)

2. Amount of water claimed 0.402 *CFS or less than 45 **GPM ***AF
(*Cubic Feet per Second) (**Gallons per Minute) (***)Acre Feet - storage capacity of dam/dugout or annual use if applicable

3. Source of water supply _____

4. Location of point of diversion (example - 3 wells in SW1/4 NE1/4 section 12-T104N-R53W)
one well SW 1/4 sec 20 - 37N - 35W
(NW 1/4 SW 1/4) County Bennett

5. County or counties where water will be used Bennett

6. Annual period during which water is to be used Jan 1, to Dec 31

7. Give a description of the project. When available include any preliminary engineering report or other reports or information that will help explain the project. (Attach sheet if more space is needed)

This is a new well for the church to replace the old one which was too close to the sewer. The old well was sealed by the well driller according to state regulations. The well provides running water for the church building (restroom, faucets, kitchen area)

STATE OF SOUTH DAKOTA)

County of Bennett SS

Attachments: Attach Form 2A if diversion is from a well or dugout, or if storage of water is proposed. Attach map and any other technical information. (see instructions)

I, Tutthill Church, the applicant, certify that I have read this application, have examined the attached map and that the matters stated are true and that I intend, and am able to complete the necessary construction.

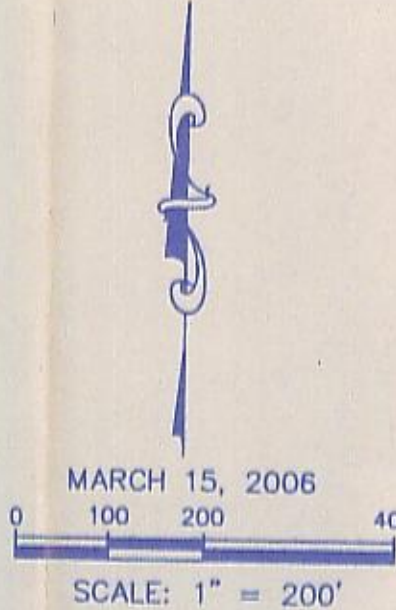
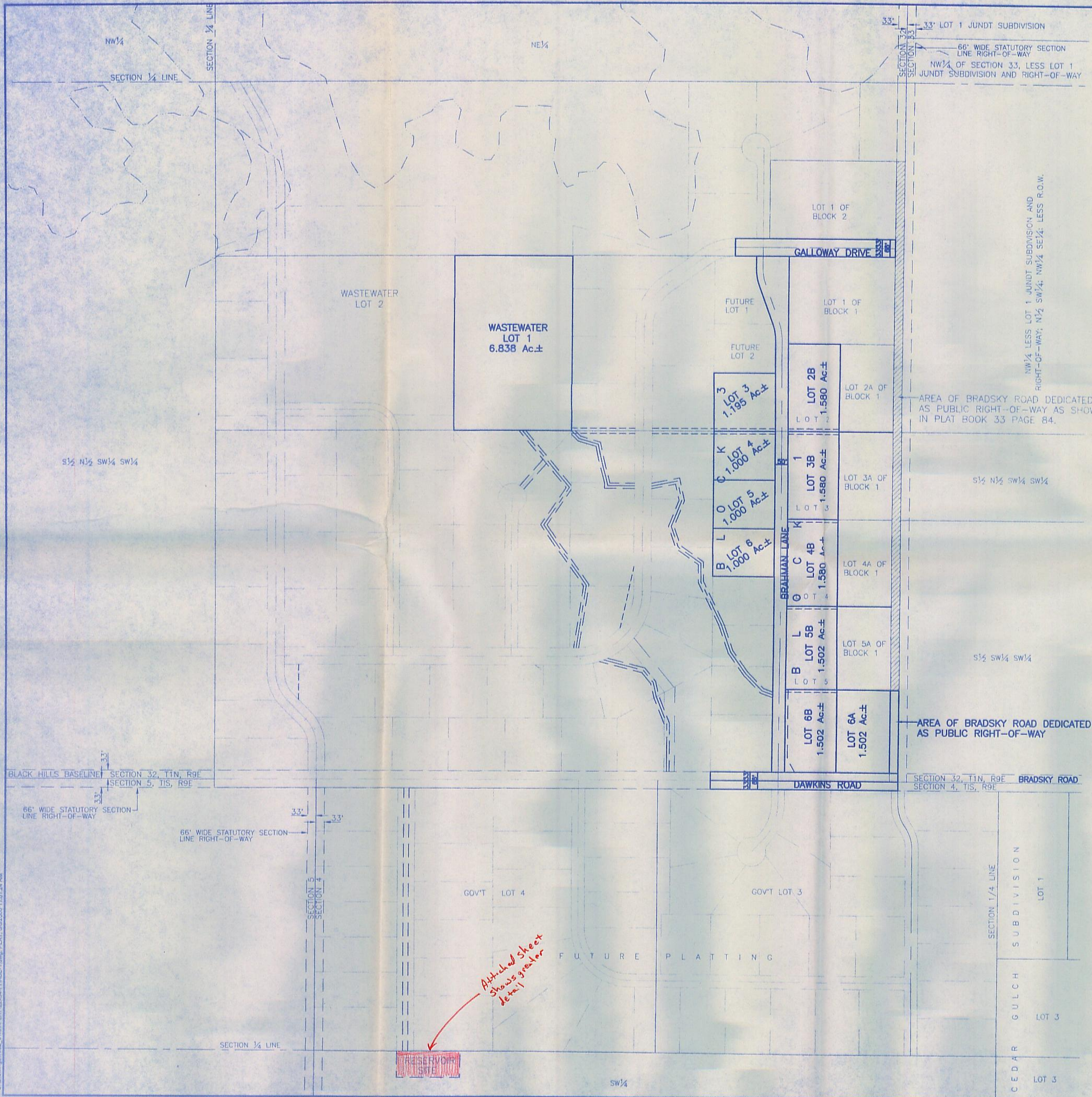
Applicant's signature Tutthill Church - Beverly Henis

Subscribed and sworn to before me this 29 day of August 2007

Denise Tozok Notary
Notary Public signature 4-25-08

2-1092

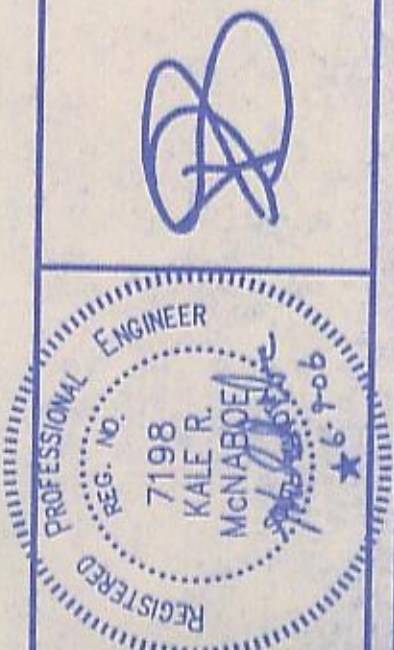
2621-2



AREA OF RIGHT-OF-WAY TO BE DEDICATED TO THE PUBLIC THIS PLAT:

0.944 Ac.±	GALLOWAY DRIVE
1.113 Ac.±	DAWKINS ROAD
2.322 Ac.±	BRAHMAN LANE
0.239 Ac.±	BRADSKY ROAD

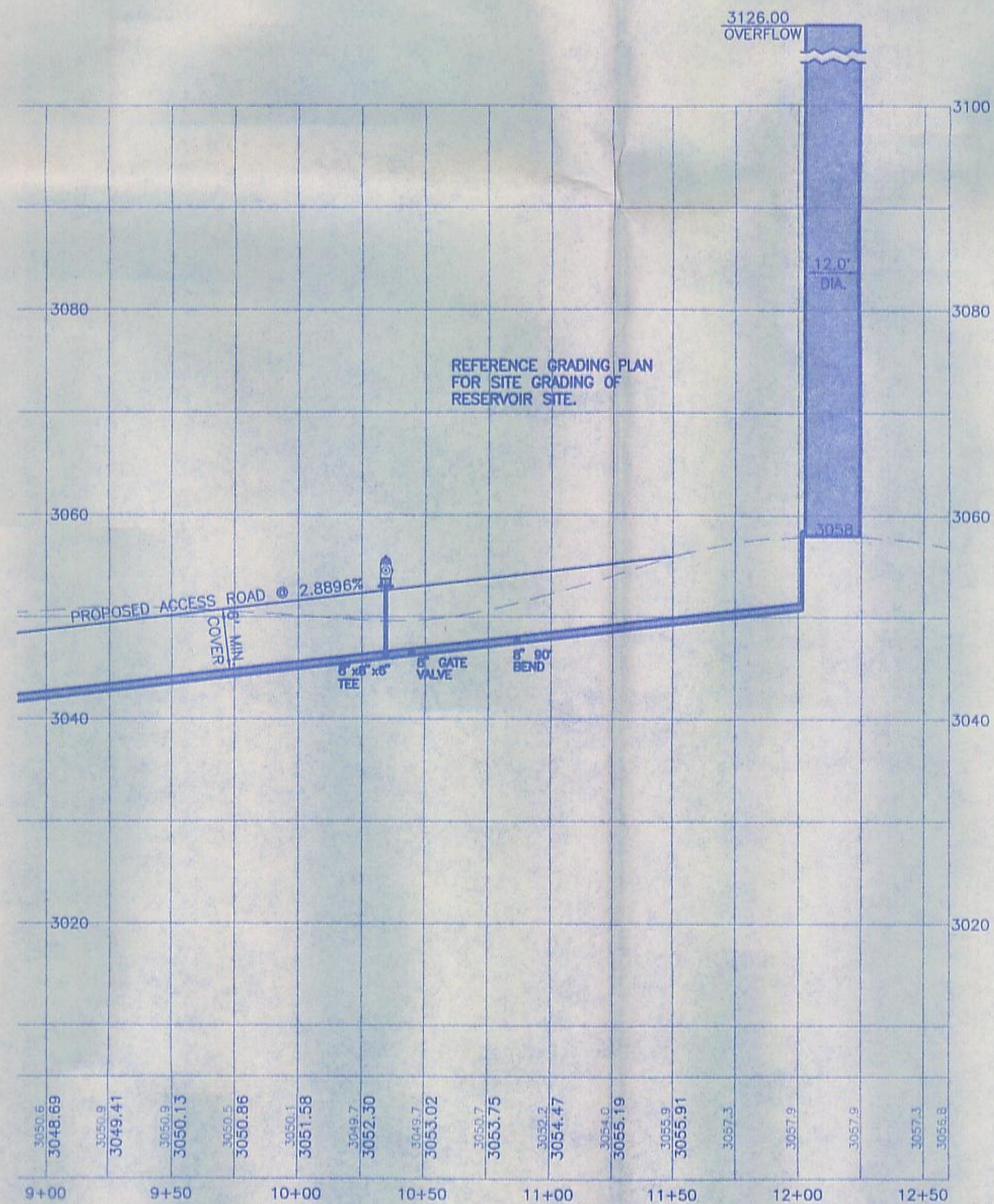
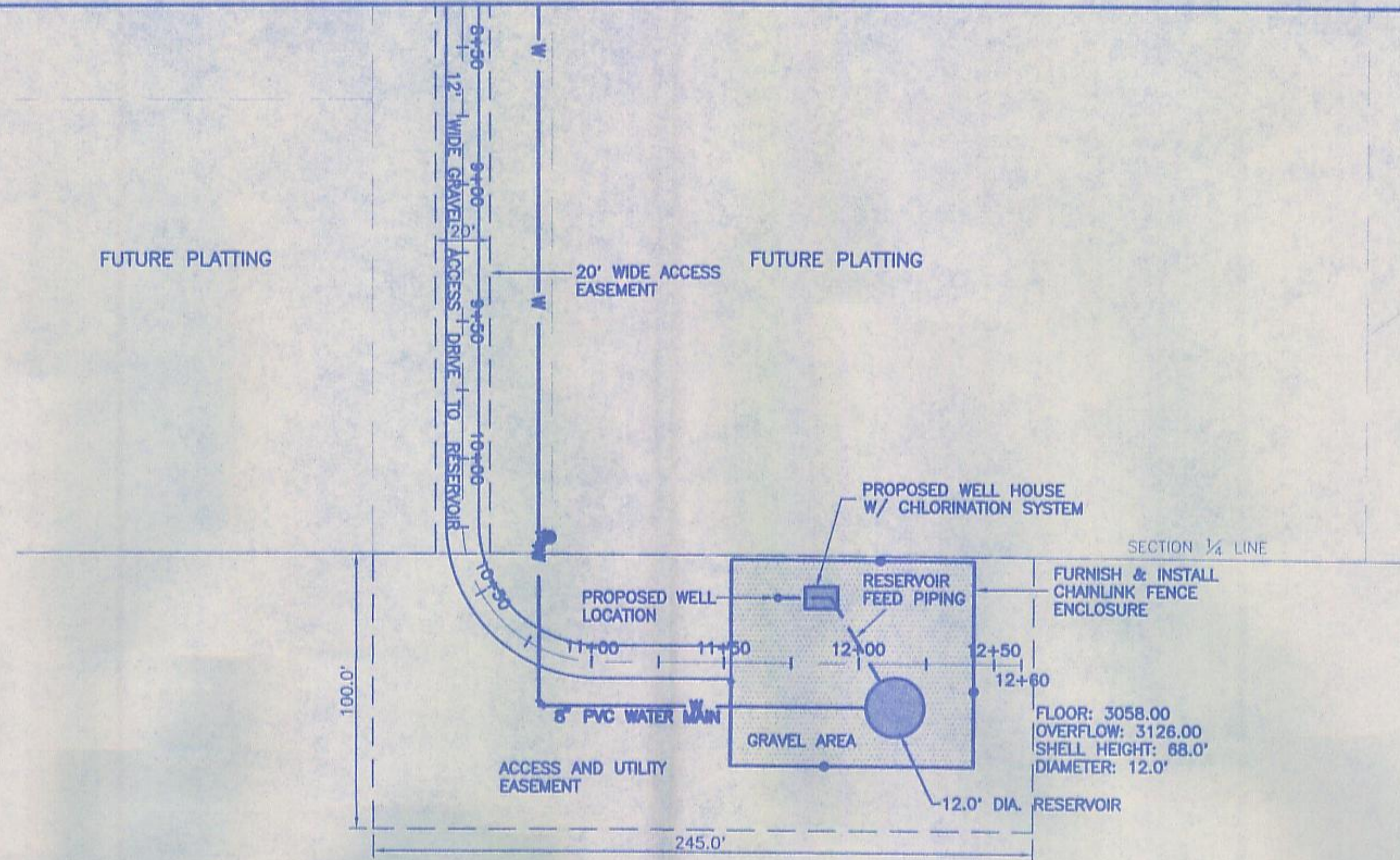
SPERLICH Consulting, Inc.
821 1/2 Columbus St. Rapid City SD 57701
TEL: (605) 721-4040 * FAX: (605) 721-4043
E-MAIL: douglasperllich@ushmore.com



REVISIONS	
DATE	REVISION
6/6/06	REVISED LOT CONFIGURATION

LEGAL DESCRIPTION:
LOT 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 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WATER MAIN

STA. 10+34.47 27.50' LT F&I: 8"x8"x6" TEE, 4 L.F. OF 6" LEAD, AUX. VALVE AND FIRE HYDRANT
STA. 10+44.72 25.94' LT F&I: 8" GATE VALVE
STA. 10+86.38 19.53' RT F&I: 8" 90° BEND

STA. 9+00.00 TO STA. 12+02.71: F&I: 312 L.F. OF 8" WATER MAIN, C900-CL150
NOTE: CONSTRUCT WATER MAIN AS PER THE 2004 EDITION OF THE RAPID CITY STANDARD SPECIFICATIONS AND DETAILS.

NOTE: VERTICAL AND HORIZONTAL DEFLECTIONS IN THE WATER MAIN SHALL BE MADE BY USE OF BENDS AND/OR HIGH DEFLECTION COUPLING (HDC). VERTICAL BENDS REQUIRE JOINT RESTRAINTS.

NOTE: JOINT RESTRAINTS ARE ALLOWED ONLY AS REQUIRED IN SECTION 8 OF THE 2004 REVISION OF THE RAPID CITY STANDARD SPECIFICATIONS & DETAILS. THRUST BLOCKING REQUIRED ON ALL OTHER CONNECTIONS, SEE DETAILS THIS PLAN SET.

2621-2

JANUARY 16, 2006
SCALE: HORZ 1" = 40'
VERT 1" = 10'

UTILITIES

LOCATE UTILITIES: SOUTH DAKOTA ONE CALL
115 Evergreen Heights Drive
Pittsburgh PA 15229
(800) 781-7474

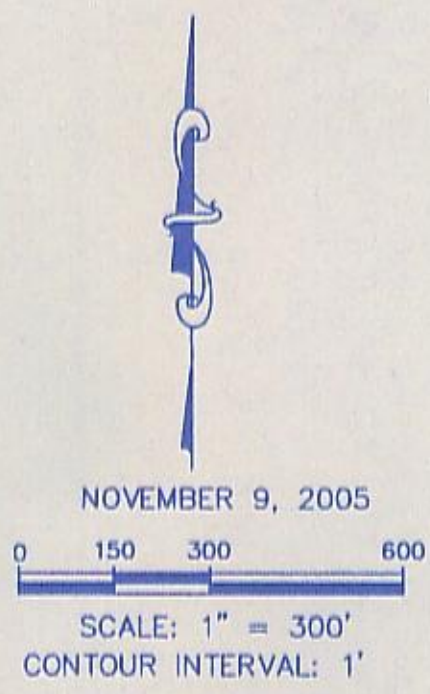
THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNERS OR THEIR REPRESENTATIVES. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.

SPERLICH
Consulting, Inc.
821 1/2 Columbus St. Rapid City SD 57701
TEL: (605) 721-4040 • FAX: (605) 721-4048
E-MAIL: dougspertlich@rushmore.com

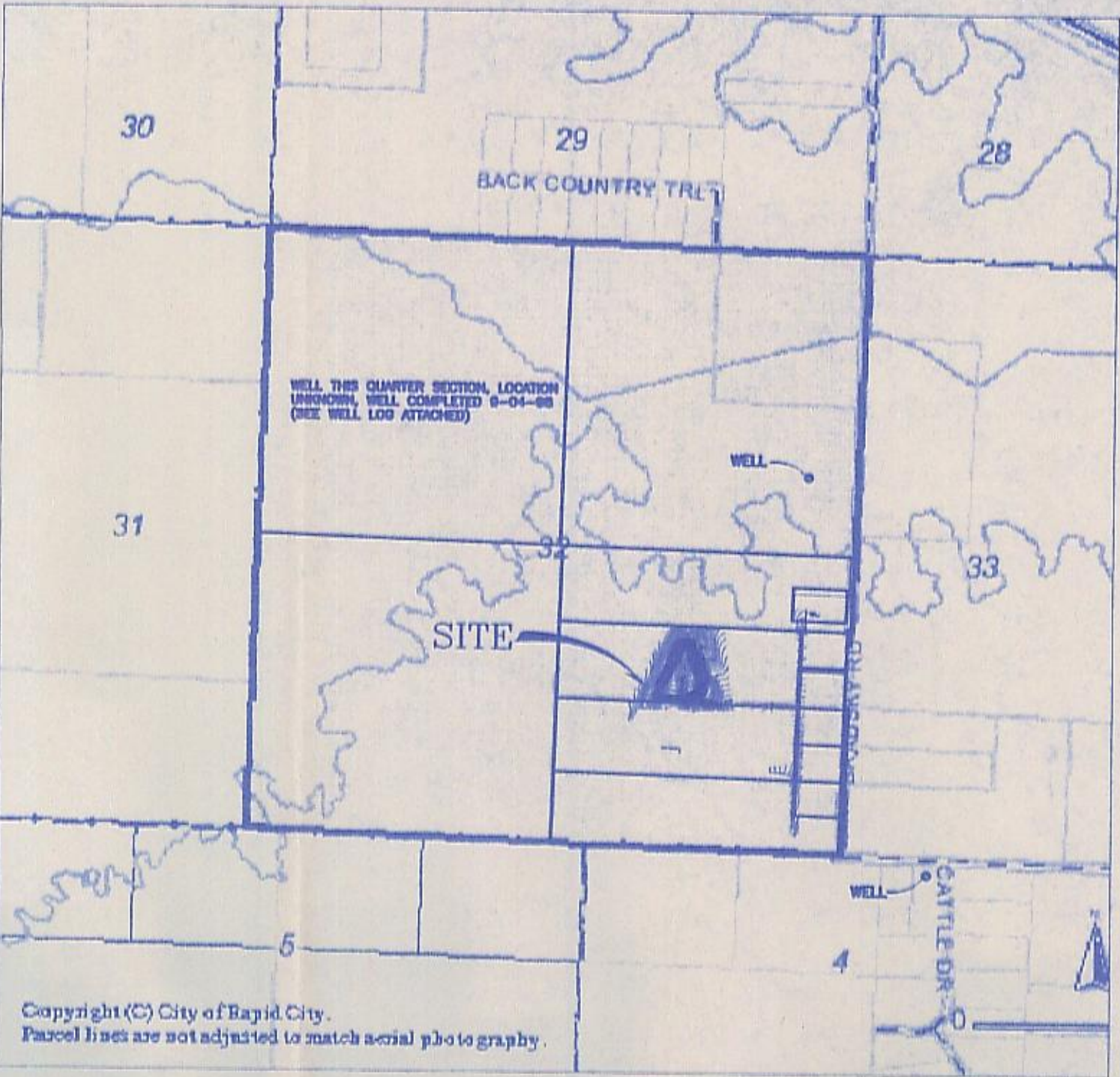
Professional Engineer
KALE R. McVABOE
7198
REGISTERED

REVISIONS	DATE	REVISION	ADDITIONAL NOTES
1	5/9/06		
LEGAL DESCRIPTION: LOT 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 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1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029, 1030, 1031, 1032, 1033, 1034, 1035, 1036, 1037, 1038, 1039, 1040, 1041, 1042, 1043, 1044, 1045, 1046, 1047, 1048, 1049, 1050, 1051, 1052, 1053, 1054, 1055, 1056, 1057, 1058, 1059, 1060, 1061, 1062, 1063, 1064, 1065, 1066, 1067, 1068, 1069, 1070, 1071, 1072, 1073, 1074, 1075, 1076, 1077, 1078, 1079, 1080, 1081, 1082, 1083, 1084, 1085, 1086, 1087, 1088, 1089, 1090, 1091, 1092, 1093, 1094, 1095, 1096, 1097, 1098, 1099, 1100, 1101, 1102, 1103, 1104, 1105, 1106, 1107, 1108, 1109, 1110, 1111, 1112, 1113, 1114, 1115, 1116, 1117, 1118, 1119, 1120, 1121, 1122, 1123, 1124, 1125, 1126, 1127, 1128, 1129, 1130, 1131, 1132, 1133, 1134, 1135, 1136, 1137, 1138, 1139, 1140, 1141, 1142, 1143, 1144, 1145, 1146, 1147, 1148, 1149, 1150, 1151, 1152, 1153, 1154, 1155, 1156, 1157, 1158, 1159, 1160, 1161, 1162, 1163, 1164, 1165, 1166, 1167, 1168, 1169, 1170, 1171, 1172, 1173, 1174, 1175, 1176, 1177, 1178, 1179, 1180, 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2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 22			

WELL THIS QUARTER SECTION, LOCATION UNKNOWN, WELL COMPLETED 9-04-98 (SEE WELL LOG ATTACHED)



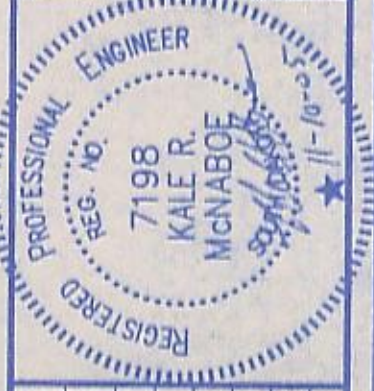
APPROXIMATE LOCATION OF EXISTING WELL COMPLETED 7-25-04 (SEE WELL LOG ATTACHED)



VICINITY MAP

SPERLICH
Consulting, Inc.
821 1/2 Columbus St., Rapid City, SD 57701
TEL: (605) 721-4040 • FAX: (605) 721-4048
E-MAIL: doug.sperlitch@usainmore.com

[Signature]



LEGAL DESCRIPTION	REVISIONS	
	DATE	REVISION
LOCATED IN THE SE1/4 SECTION 32, T1N, R9E, BL1M, RAPID CITY, PENNINGTON COUNTY, SOUTH DAKOTA SURVEYED BY: SCL 07/18/05 DRAWN BY: DMM		

OVERALL LAYOUT
CEDAR GULCH II

SOUTH DAKOTA WATER WELL COMPLETION REPORT 07-92

Location: NW 22, 1st, 9E
County: PENNINGTON

Well Completion Date: 09-04-98

Well Owner: GORDON HOWIE
Business Name: 21302 RADAR HILL
Address: RAPID CITY, SD 57101

WELL LOG:

FORMATION	FROM	TO
TOPSOIL	0	1
CLAY	1	15
GRAVEL	15	16
LOOSE SHALE	16	31

LOCATION: Distance from nearest potential pollution source (septic tank, abandoned well, feed lot, etc.): 0 ft from NOTHING (Identify source)

PROPOSED USE: ☒ Domestic/Stock ☐ Municipal ☐ Business ☐ Test Holes ☐ Irrigation ☐ Industrial ☐ Institutional ☐ Monitoring well

METHOD OF DRILLING: AUGER

CASING DATA: ☐ Steel ☐ Plastic ☒ Other
If other describe: CEMENT TILE

PIPEWEIGHT DIAMETER FROM TO HOLE DIAMETER
18/FT 16 IN 0 FT 30 FT 36 IN
18/FT 16 IN 30 FT 36 IN
18/FT 16 IN 36 FT 36 IN

GROUTING DATA: Grout Type No. of Sacks Grout Weight From To
BENTONITE 300 300 0 3
CEMENT 300 300 0 3

Describe grouting procedure: PHASED ABOUT WATER LEVEL-BENTONITE OVER ROCK-CEMENT OVER WATER-BENTONITE OVER

SCREEN: ☐ Preferred pipe ☐ Manufactured
Diameter: 16 IN Length: 36 FT
Material: PVC SCH 40
Slot Size: 1/8" Set From: 1' Feet to: 47'

Other information:

WAS A PACKER OR SEAL USED? ☐ YES ☒ NO
If so, what material?

Describe packer(s) and location?

DISINFECTION: Was well disinfected upon completion? ☒ YES ☐ NO
If YES, How? CHLORINE
Laboratory sent to for water quality analysis: NO, Why Not?

STATIC WATER LEVEL: 6' Feet
If flowing, closed in pressure: PSI
GPM flow: through inch pipe
Controlled by: ☐ Valve ☐ Reducers ☐ Other
Reduced Flowrate: GPM
Can well be completely shut in?

WELL TEST DATA: ☐ Pumped Describe: BAILED WATER OUT ☒ Bailed LBT REFILL AND REPEATED ☐ Other
Pumping Level Below Land Surface: ft After: hrs pumped: GPM
ft After: hrs pumped: GPM
If pump installed, pump rate: GPM

REMARKS: DRILLER: HARLEY LARSON

This well was drilled under license # 195
And this report is true and accurate
Drilling firm: S. BICE DRILLING CO.
Signature of License Representative: *Samuel J. Bice*
Signature of Well Owner or Equitable Property Holder: *Gordon Howie*
Date: 09-09-98

SOUTH DAKOTA WATER WELL COMPLETION REPORT 07-92

Location: NE 14, NE 32, 1st, 9E
County: PENNINGTON

Well Completion Date: 6-29-04

Well Owner: GORDON K. HOWIE
Business Name: 23415 BRADSKY ROAD
Address: RAPID CITY, SD 57103

WELL LOG:

FORMATION	FROM	TO
TOPSOIL	0	4'
GRAVEL	4	12'
FRACTURE SHALE	12	40'
HARD SHALE	40	47'

LOCATION: Distance from nearest potential pollution source (septic tank, abandoned well, feed lot, etc.): 0 ft from N/A (Identify source)

PROPOSED USE: ☒ Domestic/Stock ☐ Municipal ☐ Business ☐ Test Holes ☐ Irrigation ☐ Industrial ☐ Institutional ☐ Monitoring well

METHOD OF DRILLING: BUCKET RIG

CASING DATA: ☐ Steel ☒ Plastic ☐ Other
If other describe:

PIPEWEIGHT DIAMETER FROM TO HOLE DIAMETER
15.918/FT 16 IN 43 FT 47 FT 24 IN
26 18/FT 16 IN 0 FT 1.305 FT 36 IN
10.518/FT 16 IN 1.305 FT 4.422 FT 36 IN

GRROUTING DATA: Grout Type No. of Sacks Grout Weight From To
BENTONITE 4 4 0 4
CEMENT 270 270 0 4

Describe grouting procedure: LACUSHEW GRAVEL FROM 47' to 7'

SCREEN: ☐ Preferred pipe ☒ Manufactured
Diameter: 16 IN Length: 40' FEET
Material: PVC SCH 40
Slot Size: .035 Set From: 1' Feet to: 47' Feet

Other information:

WAS A PACKER OR SEAL USED? ☐ YES ☒ NO
If so, what material?

Describe packer(s) and location?

DISINFECTION: Was well disinfected upon completion? ☒ YES ☐ NO
If YES, How? CHLORINE
Laboratory sent to for water quality analysis: YES, Why Not? BUMP NET SET ON COMPLETION

STATIC WATER LEVEL: 7' Feet
If flowing, closed in pressure: PSI
GPM flow: through inch pipe
Controlled by: ☐ Valve ☐ Reducers ☐ Other
Reduced Flowrate: GPM
Can well be completely shut in?

WELL TEST DATA: ☐ Pumped Describe: bailed & charted ☒ Bailed recovery @ 12+ gpm ☐ Other
Pumping Level Below Land Surface: ft After: hrs pumped: GPM
ft After: hrs pumped: GPM
If pump installed, pump rate: GPM

REMARKS: RECEIVED NOV 12 2004

This well was drilled under license # 703
And this report is true and accurate
Drilling firm: HOWIE DRILLING
Signature of License Representative: *Rick Howie*
Signature of Well Owner or Equitable Property Holder: *Gordon Howie*
Date: 7-29-04

SOUTH DAKOTA WATER WELL COMPLETION REPORT 07-92

Location: NW 22, 1st, 9E
County: PENNINGTON

Well Completion Date: 09-04-98

Well Owner: CLARK BERGSON
Business Name: 21302 RADAR HILL
Address: RAPID CITY, SD 57101

WELL LOG:

FORMATION	FROM	TO
CLAY	0	10
BROWN CLAY	10	18
WEATHERED SHALE	18	25
SOFT SHALE	25	60
HARD SHALE	60	80

LOCATION: Distance from nearest potential pollution source (septic tank, abandoned well, feed lot, etc.): 0 ft from NOTHING (Identify source)

PROPOSED USE: ☒ Domestic/Stock ☐ Municipal ☐ Business ☐ Test Holes ☐ Irrigation ☐ Industrial ☐ Institutional ☐ Monitoring well

METHOD OF DRILLING: AUGER

CASING DATA: ☐ Steel ☐ Plastic ☒ Other
If other describe: 2" DIA. CONCRETE

PIPEWEIGHT DIAMETER FROM TO HOLE DIAMETER
18/FT 16 IN 0 FT 30 FT 36 IN
18/FT 16 IN 30 FT 36 IN
18/FT 16 IN 36 FT 36 IN

GRROUTING DATA: Grout Type No. of Sacks Grout Weight From To
BENTONITE 300 300 0 3
CEMENT 300 300 0 3

Describe grouting procedure: 2" DIA. CONCRETE

SCREEN: ☐ Preferred pipe ☐ Manufactured
Diameter: 16 IN Length: 36 FT
Material: PVC SCH 40
Slot Size: 1/8" Set From: 1' Feet to: 47'

Other information:

WAS A PACKER OR SEAL USED? ☐ YES ☒ NO
If so, what material?

Describe packer(s) and location?

DISINFECTION: Was well disinfected upon completion? ☒ YES ☐ NO
If YES, How? CHLORINE
Laboratory sent to for water quality analysis: NO, Why Not?

STATIC WATER LEVEL: 14' Feet
If flowing, closed in pressure: PSI
GPM flow: through inch pipe
Controlled by: ☐ Valve ☐ Reducers ☐ Other
Reduced Flowrate: GPM
Can well be completely shut in?

WELL TEST DATA: ☐ Pumped Describe: ☒ Bailed ☐ Other
Pumping Level Below Land Surface: ft After: hrs pumped: GPM
ft After: hrs pumped: GPM
If pump installed, pump rate: GPM

REMARKS: DRILLER: HARLEY LARSON

This well was drilled under license # 195
And this report is true and accurate
Drilling firm: S. BICE DRILLING
Signature of License Representative: *Samuel J. Bice*
Signature of Well Owner or Equitable Property Holder: *Clark Bergson*
Date: 09-09-98

SOUTH DAKOTA WATER WELL COMPLETION REPORT 07-92

Location: NE 14, NE 32, 1st, 9E
County: PENNINGTON

Well Completion Date: 11-14-04

Well Owner: CLARK BERGSON
Business Name: 21302 RADAR HILL
Address: RAPID CITY, SD 57101

WELL LOG:

FORMATION	FROM	TO
TOPSOIL	0	4'
GRAVEL	4	12'
FRACTURE SHALE	12	40'
HARD SHALE	40	47'

LOCATION: Distance from nearest potential pollution source (septic tank, abandoned well, feed lot, etc.): 0 ft from N/A (Identify source)

PROPOSED USE: ☒ Domestic/Stock ☐ Municipal ☐ Business ☐ Test Holes ☐ Irrigation ☐ Industrial ☐ Institutional ☐ Monitoring well

METHOD OF DRILLING: DOZEY - RIG

CASING DATA: ☐ Steel ☐ Plastic ☒ Other
If other describe:

PIPEWEIGHT DIAMETER FROM TO HOLE DIAMETER
40.518/FT 10.3/24 0 FT 20 FT 1.440 IN
26 18/FT 16 IN 0 FT 1.305 FT 36 IN
10.518/FT 16 IN 1.305 FT 4.422 FT 36 IN

GRROUTING DATA: Grout Type No. of Sacks Grout Weight From To
BENTONITE 4 4 0 4
CEMENT 270 270 0 4

Describe grouting procedure: 2" DIA. CONCRETE

SCREEN: ☐ Preferred pipe ☒ Manufactured
Diameter: 16 IN Length: 40' FEET
Material: PVC SCH 40
Slot Size: .035 Set From: 1' Feet to: 47' Feet

Other information:

WAS A PACKER OR SEAL USED? ☐ YES ☒ NO
If so, what material?

Describe packer(s) and location?

DISINFECTION: Was well disinfected upon completion? ☒ YES ☐ NO
If YES, How? CHLORINE
Laboratory sent to for water quality analysis: YES, Why Not? COLLECTION TANK

STATIC WATER LEVEL: 347' Feet
If flowing, closed in pressure: PSI
GPM flow: through inch pipe
Controlled by: ☐ Valve ☐ Reducers ☐ Other
Reduced Flowrate: GPM
Can well be completely shut in?

WELL TEST DATA: ☐ Pumped Describe: ☒ Bailed ☐ Other
Pumping Level Below Land Surface: ft After: hrs pumped: 120 GPM
ft After: hrs pumped: GPM
If pump installed, pump rate: 25 GPM

REMARKS: 2" x 4 1/2" x 40' pipe used for quality charge once and good cement substance when casing was completed

This well was drilled under license # 606
And this report is true and accurate
Drilling firm: BERGSON, DRILLING & CONCRETE, INC.
Signature of License Representative: *Clark Bergson*
Signature of Well Owner or Equitable Property Holder: *Clark Bergson*
Date: 11-23-04

SPERLICH
Consulting, Inc.
821 1/2 Columbus St., Rapid City SD 57701
TEL: (605) 721-4040 * FAX: (605) 721-4048
E-MAIL: dougsp@sperrlich.com



REVISIONS
DATE
REVISION

LEGAL DESCRIPTION

LOCATED IN THE SE14
SECTION 32, T1N, R9E, B1M, L
RAPID CITY, PENNINGTON COUNTY, SOUTH DAKOTA
SURVEYED BY S22 07/18/05
DRAWN BY: DMB

WELL LOGS

PROJECT NUMBER 1602.01
SHEET 2 / 2

**SOUTH DAKOTA
WATER PERMIT NO. 2621-2**

Date of first receipt of application August 31, 2007.

The Chief Engineer, on behalf of the Water Management Board, issues Water Permit No. 2621-2 to Tuthill Community Presbyterian Church, 23106 Falcon Lane, Tuthill SD 57574 authorizing the construction of the water use system and the placing of water to beneficial use subject to the following limitations, conditions and qualifications:

1. Water Permit No. 2621-2 appropriates 0.02 cubic feet of water per second (10 gallons per minute) from one well completed into the Ogallala Aquifer (45 feet deep) located in NW ¼ SW ¼ Section 20-T37N-R35W.
2. The water appropriated shall be used for the purpose of institutional use and may not exceed the amount of water needed for beneficial use.
3. The water is to be used during the following described annual period: January 1 – December 31.
4. The date of approval of Permit No. 2621-2 is October 22, 2007.
5. The date from which applicant may claim right is August 31, 2007.
6. One-fifth of the construction is to be completed on or before April 22, 2010.
7. All construction is to be completed on or before October 22, 2012.
8. Water is to be put to beneficial use on or before October 22, 2016.
9. Water rights obtained in compliance with the laws of the State of South Dakota may not be unlawfully impaired by this appropriation.

QUALIFICATION

The well approved under this permit will be located near domestic wells and other wells which may obtain water from the same aquifer. The well owner under this Permit shall control his withdrawals so there is not a reduction of needed water supplies in adequate domestic wells or in adequate wells having prior water rights.

WATER MANAGEMENT BOARD

By: _____

Garland Erbele
Garland Erbele, Chief Engineer
Water Rights Program
Department of Environment and Natural Resources

NOV 01 2007

date



Supplemental Information

(type or print in ink)

See well completion report

1. Well Information - Proposed Construction

- a) Drill Hole Diameter _____ Depth _____
- b) Casing Type _____ Diameter _____ Thickness _____
- c) Screen Type _____ Diameter _____ Thickness _____
- d) Gravel Pack _____ Length of Gravel Pack _____
- e) Depth to Top of Water Bearing Material _____
- f) Depth to Water (ground surface to water level) _____
- g) Distance to nearest existing domestic well:
On applicants property _____ On property owned by others _____

2. Wastewater Disposal System Information

- a) Type of System (i.e. septic tank, drain field) _____
- b) System Capacity (gallons) _____ Year Constructed _____
- c) Connected to the City of _____ Sanitary System _____

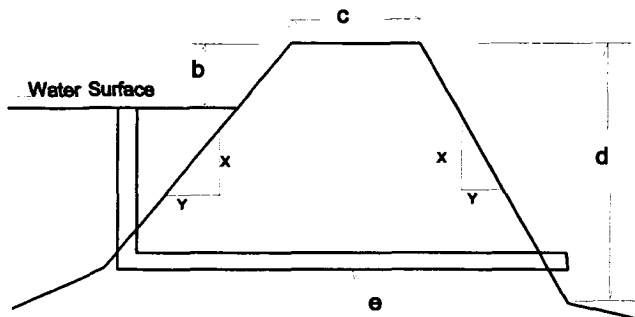
3. Dugout Information

- a) Surface Dimensions _____ Depth _____
- b) Depth to water (ground surface to water level) _____

4. Water Storage Dams

If the proposed water use system contains one or more storage dams, please furnish the information requested below for each dam. The locations of the dams need to be shown on the map submitted with the application.

- a) If a private engineering firm or government agency was involved in the design of this dam, please give their name and address:



- b) Freeboard _____
- c) Crest Width _____
Crest Length _____
- d) Height _____
- e) Primary Outlet Capacity _____
If pipe, diameter _____
- f) Secondary Spillway Capacity _____
Spillway Width _____
- g) X & Y Slope _____
Upstream _____
Downstream _____
- h) Surface Area of Impoundment _____
- i) Storage _____ Acre Feet
- j) Drainage Area Above Dam _____ Acres

SOUTH DAKOTA WATER WELL COMPLETION REPORT

07-92

Location 1/4 Sec 20 Twp 37 Rg 35
 County Bennett North

Please mark well location with an "X"
GPS-N 43°09'40.2"
W 101°29'25.1"W

Well-Completion Date
05/18/'07

1 Mile

Well Owner: Tuthill Church (Ken Hines)
 Business Name: Tuthill Church
 Address: 23106 Falcon Lane
Tuthill, SD 57574-6002

WELL LOG:

FORMATION	DEPTH	
	FROM	TO
<u>Top Soil</u>	<u>0</u>	<u>1</u>
<u>Sand & Red Rock</u>	<u>1</u>	<u>40</u>
<u>Red Rock (WB)</u>	<u>40</u>	<u>45</u>

LOCATION:
 Distance from nearest potential pollution source (septic tank, abandoned well, feed lot, etc.)? 200 ft. from septic tank (identify source).

PROPOSED USE:
☒ Domestic/Stock ☐ Municipal ☐ Business ☐ Test Holes
☐ Irrigation ☐ Industrial ☐ Institutional ☐ Monitoring well

METHOD OF DRILLING: Rotary

CASING DATA: ☐ Steel ☒ Plastic ☐ Other
 If other describe _____

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
<u>200</u> LB/FT	<u>5</u> IN	<u>+2</u> FT	<u>40</u> FT	<u>8 3/4</u> IN
<u>2</u> LB/FT				

GROUTING DATA

Grout Type	No. of Sacks	Grout Weight	From	To
<u>Bentonite</u>	<u>5</u>	<u>50</u> lb./gal		

Describe grouting procedure _____

SCREEN: ☐ Perforated pipe ☒ Manufactured
 Diameter 5 IN Length 5 FEET
 Material Stainless Steel
 Slot Size .010 Set From 40 Feet to 45 Feet
 Other information _____

WAS A PACKER OR SEAL USED? ☐ YES ☒ NO

If so, what material? _____
 Describe packer(s) and location? _____

DISINFECTION: Was well disinfected upon completion?
☒ YES, How: Pumped in
☐ NO, Why Not? _____

Laboratory sent to for water quality analysis
Energy Lab

STATIC WATER LEVEL 19 Feet

If flowing: closed in pressure _____ PSI

GPM flow _____ through _____ inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other _____

Reduced Flowrate _____ GPM

Can well be completely shut in? Yes

WELL TEST DATA:

☒ Pumped Describe: Air

☐ Bailed _____

☐ Other _____

Pumping Level Below Land Surface

28 ft. After 4 Hrs. pumped 10 GPM

_____ ft. After _____ Hrs. pumped _____ GPM

If pump installed, pump rate _____ GPM

REMARKS

This well was drilled under license # 642

And this report is true and accurate.

Drilling firm ADAIR DRILLING

Signature of License Representative: Penny Sarnett

Signature of Well Owner or Equitable Property Holder: _____

RECEIVED

AUG 31 2007

Date: 05-18-'07

WATER RIGHTS PROGRAM

WELL LOG

WELL OWNER TUTTILL CHURCH
 LOCATION GPS LOCATION N 43° 09' 40.3"
 W 101° 29' 24.9"
 LEGAL DESCRIPTION _____
 DRILLED BY TIM ADAIR, Penny Garnette
 PROJECT _____
 DATE 8-19-2006

DEPTH	FORMATION
<u>0</u> - <u>1</u>	<u>TOP SOIL</u>
<u>1</u> - <u>46</u>	<u>SAND RED ROCK</u>
<u>46</u> - <u>50</u>	<u>RED ROCK (WATER BEARING)</u>

ALL DEPTHS MEASURED FROM GROUND LEVEL

5" WELL CASING	PVC	200	<u>12</u>	TO	<u>45</u>
5" WELL CASING	PVC	250	<u>0</u>	TO	<u>0</u>
5" WELL SCREEN	PVC	250	<u>0</u>	TO	<u>0</u>
5" WELL SCREEN	STAINLESS STEEL 5"		<u>45</u>	TO	<u>50</u>
SCREEN SLOTS	<u>.010</u>	INCHES			
GRAVEL PACK * TYPE	<u>Silica</u>		<u>40</u>	TO	<u>50</u>
GROUT	<u>ENVIRONMENTAL GROUT</u>		<u>0</u>		<u>20</u>
FORMATION STABILIZER			<u>20</u>	TO	<u>40</u>
TOTAL DEPTH TO BOTTOM OF WELL			<u>50</u>	LF	
WELL DEVELOPMENT TIME			<u>4</u>	HOURS	

P.O. Box 713
Martin, SD 57551
605-441-0198 or 605-685-1202
Email tadairdrilling@yahoo.com

Invoice # 12047

[illegible]

8-26-06
1674

TOTAL DUE 1250.00

RECEIVED

AUG 31 2007

**WATER RIGHTS
PROGRAM**

RECEIPT

WATER RIGHTS PROGRAM

South Dakota Department of Environment and Natural Resources

Date August 31, 2007

RECEIVED OF Tuthill Presbyterian Church, 23106 Falcon Ln, Tuthill SD 57574

The following amount in fees for services rendered as provided for by law:

Fee for Application for Permit No. <u>2621-2</u> to Appropriate Water, to construct and to put water to beneficial use	50.00
Fee for Application for Permit No. _____ to Appropriate Water for Future use	
Fee to retain Future Use Permit No. _____ after period of seven years.	
Fee for Inspecting Constructed Works, confirming beneficial use and issuing Water License No. <u>2621-2</u>	5000
Fee for Filing Transfer Form _____	
Fee for _____	
Fee for Issuing New Well Driller's License No. _____ for C.Y. _____	
Fee for Renewal of Well Driller's License No. _____ for C.Y. _____	
Fee for Issuing Well Pump Installer's License No. _____ for C.Y. _____	
Fee for Renewal of Well Pump Installer's License No. _____ for C.Y. _____	
(Any Other Work Provided by Law)	
TOTAL	100.00

No.

3146

By

Garland Erbele

Chief Engineer GARLAND ERBELE

Yes



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

PMB 2020
JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182
www.state.sd.us/denr

July 25, 2007

Tuthill Church
Ken Hines
23106 Falcon Lane
Tuthill SD 57574-6002

Dear Mr. Hines:

I am writing in regard to a well driller's report filed by Adair Drilling. The report shows a new well was completed for Tuthill Church on May 18, 2007. Based on the information in the report, you will need a water permit for this water use.

1. According to state law, a water permit is needed for any water use except for reasonable, private domestic use. Examples of institutional uses that require water permits for private water supplies are: churches, hospitals and nursing homes (any amount of water) and schools that pump more than 18 gallons per minute or use water outside of the school building.
2. Also, as a new well owner, you need to be aware of some of your responsibilities. Enclosed is a copy of "Well Owner Responsibilities". Please review these responsibilities to ensure you are complying with all of the requirements.

Enclosed are application forms and instruction sheet to apply for a water permit. The completed forms with the application fee and map can be returned to: Water Rights Program, 523 E. Capitol, Pierre, SD 57501. **Please respond by September 1, 2007.**

If you believe your water use does not require a water permit, or that you have an existing permit, or if help is needed completing the application forms, please contact Ron Duvall or me at (605) 773-3352. We will be happy to assist you in any way possible.

Sincerely,

Karen Schlaak
Water Rights Program
karen.schlaak@state.sd.us

enclosures



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

PMB 2020
JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182
www.state.sd.us/denr

**RECOMMENDATION OF CHIEF ENGINEER FOR WATER PERMIT
APPLICATION NO. 2621-2, Tuthill Community Presbyterian Church**

Pursuant to SDCL 46-2A-2, the following is the recommendation of the Chief Engineer, Water Rights Program, Department of Environment and Natural Resources concerning Water Permit Application No. 2621-2, Tuthill Community Presbyterian Church, c/o Beverly Hines, 23106 Falcon Lane, Tuthill SD 57578.

The Chief Engineer is recommending APPROVAL of Application No. 2621-2 because 1) there is reasonable probability that there is unappropriated water available for the applicant's proposed use, 2) the proposed diversion can be developed without unlawful impairment of existing rights, 3) the proposed use is a beneficial use and 4) it is in the public interest with the following qualification:

1. The well approved under this permit will be located near domestic wells and other wells which may obtain water from the same aquifer. The well owner under this Permit shall control his withdrawals so there is not a reduction of needed water supplies in adequate domestic wells or in adequate wells having prior water rights.

See report on application for additional information.

Garland Erbele, Chief Engineer
September 26, 2007

Report on Application for Water Right No. 2621-2

Tuthill Community Presbyterian Church

11 September 2007

Application No. 2621-2 seeks to appropriate 0.02 cfs of water from the Ogallala Aquifer to be used for institutional purposes in the operation of a community church. The diversion is to be from one well completed to the Ogallala Aquifer located NW ¼ SW ¼ Sec 20-T37N-R35W which is just east of Tuthill, in Bennett County, South Dakota.

Aquifer – Ogallala (OGLL)

The Ogallala Aquifer is part of the High Plains Aquifer which consists of the Arikaree, Ogallala, and Sand Hills formations, all hydraulically connected (Kolm, 1983). The Ogallala Aquifer is comprised of clay, silt, and sand and gravel deposits. It is a shallow, unconfined aquifer under water table conditions underlain by the Arikaree Aquifer (Allen, 1985). The Ogallala Aquifer underlies 280,960 acres of Bennett County and has approximately 2.8 million acre-feet of recoverable water in storage (Allen, 1985).

Review of Existing Permits

Water right No. 374-2 is a well completed to the Ogallala Aquifer located approximately 3,600 feet south west of the proposed diversion. Water right No. 2455-2 is a well completed to the Ogallala Aquifer located approximately 1.6 miles west of the proposed diversion. Water right No. 1309-2 is also a well completed to the Ogallala Aquifer; it is located approximately 1.4 miles northeast of the site. Water right No. 1483-2 is a well completed to the Arikaree Aquifer located 2.2 miles southeast of the site. There are no other ground water rights within two miles of the proposed site.

Water Availability

The water rights program maintains a monitoring well completed to the Ogallala Aquifer approximately 1,600 feet northwest of the proposed diversion. Water levels in observation well BT-76B show a good response to climatic conditions with higher water levels during wet periods gradually declining until once again recharged (Figure 1).

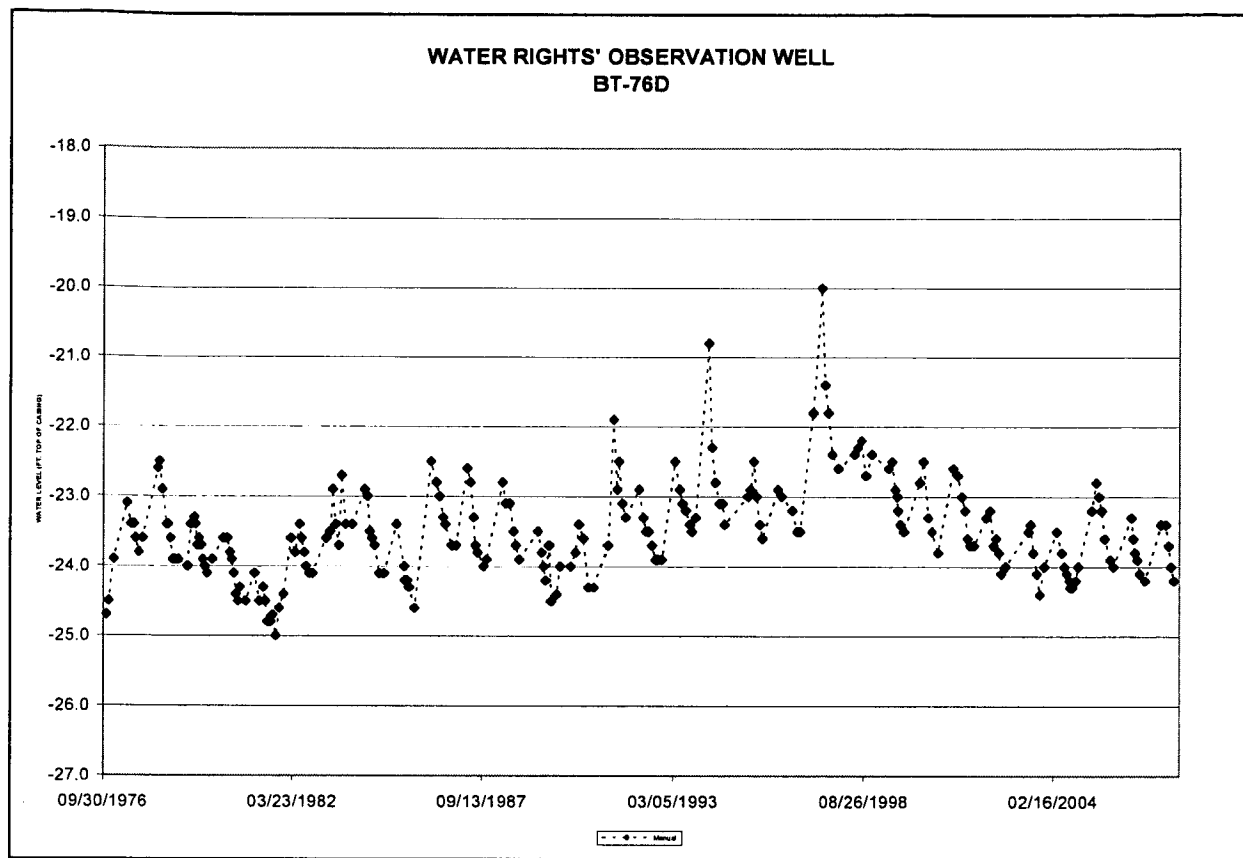


Figure 1: Ogallala observation well

Similar responses to climatic conditions can be seen in the Arikaree Aquifer observation well data. Observation well BT-78G is completed to the Arikaree Aquifer and is located approximately 1.3 miles south of the proposed diversion. The data for the two wells are very similar, supporting the idea of hydraulic connectivity and climatic response (Figure 2).

**WATER RIGHTS' OBSERVATION WELL
BT-78G**

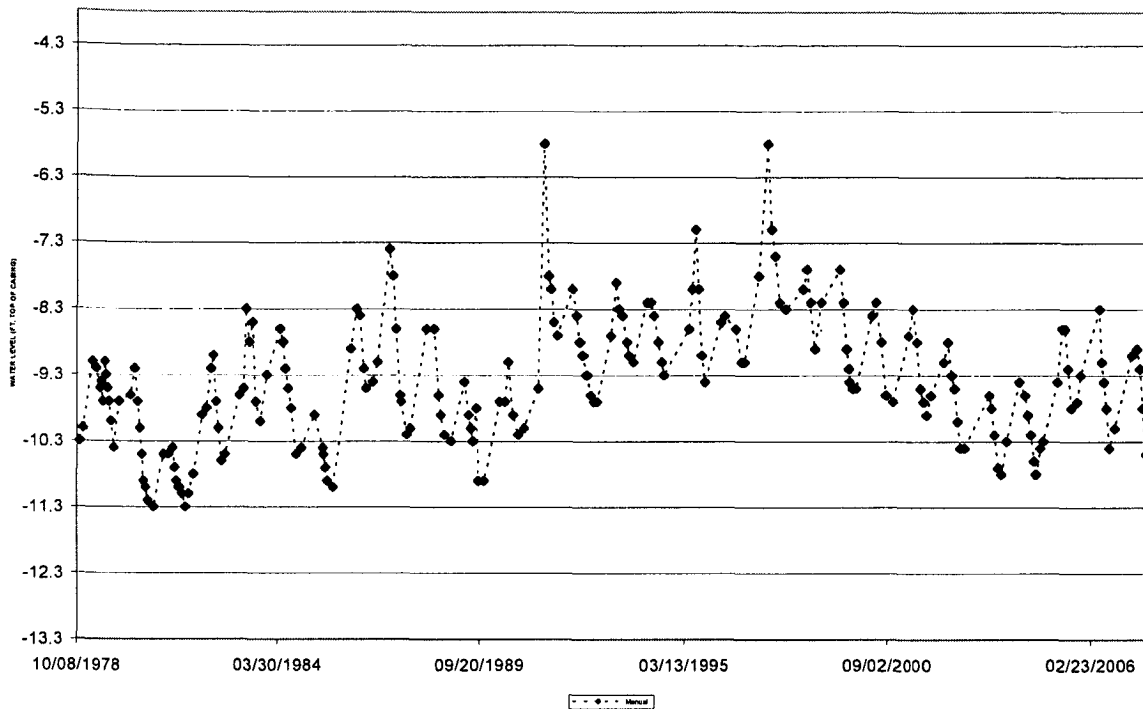


Figure 2: Arikaree observation well

Conclusions

1. A well completed into the unconfined Ogallala Aquifer is not likely to cause interference with other wells in the area
2. There is unappropriated water available in the Ogallala Aquifer.
3. The proposed diversion can be developed without unlawfully impairing existing water rights.
4. The well authorized by Permit No. 2619-2 was constructed by a licensed well driller and appears to comply with all applicable laws and regulations governing such construction.

Prepared by:

Mark Costello

Natural Resources Engineer
Water Rights

Reviewed by:

Jim Goodman, PE.

Natural Resources Engineer
Water Rights, Program Director

Bibliography

Allen, J.C., D. Iles, A. Petres, Analysis of Ground Water and Stream Flow Data, Western Dakotas Region of South Dakota, Task 3 & 4; Ground Water Inventory. US Army Corps of Engineers Contract DAWC 45-82-C015, SD DENR, Div. of Geological Survey, Vermillion, SD.

Carter, J.M., *Water Resources of Mellette and Todd Counties, SD.* WRIR 98-4146, USGS, Rapid City, SD., 1998

Kolm, K.E., Case, H.L., *A two Dimensional Finite Model of the High Plains Aquifer in Southern South Dakota,* WRIR 83-4175, 1983.

RECEIVED

OCT 26 2007

WATER RIGHTS
PROGRAM

Affidavit of Publication

State of South Dakota }
County of Bennett } ss.

Mandy K. Scherer

being duly sworn, says: the Bennett County Booster II is, and during all the times herinafter mentioned was, a weekly legal newspaper as defined in SDCL 17-2-2, as amended published at Martin, Bennett County, South Dakota; that affiant is and during all of said times was, an employee of the publisher of such newspaper and has personal knowledge of the facts stated in this affidavit; that the notice, order or advertisement, a printed copy of which is attached, was

published in said newspaper for 2 successive issues, bearing the following dates:

October 3, 2007

October 10, 2007

_____, 20____

_____, 20____

_____, 20____

_____, 20____

that the full amount of the fee charged for publishing

the same, to-wit, the sum of \$46.50, inures solely to the benefit of the publisher of said newspaper; that no agreement or understanding for the division of the fee has been made with any person, and that no part of the fee has been agreed to be paid to any other person.

Mandy K. Scherer

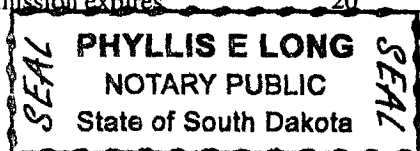
Subscribed and sworn to before me this 10 day

of October, 2007.

Phyllis E. Long
Notary Public

County of Bennett, South Dakota

My commission expires 20



My Commission Expires
August 30, 2012

Notice of Application No. 2621-2 to Appropriate Water

Notice is given that Tuthill Community Presbyterian Church, 23106 Falcon Lane, Tuthill, SD 57574 has filed an application for a water permit to appropriate 0.02 cubic feet of water per second (10 gallons per minute) from one well completed into the Ogallala Aquifer (45 feet deep) located in NW1/4 SW1/4 Section 20-T37N-R35W for institutional use at the church.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 2621-2 because 1) unappropriated water is available, 2) existing rights will not be unlawfully impaired, 3) it is a beneficial use of water, and 4) it is in the public interest. In accordance with SDCL 46-2A-23, the Chief Engineer will act on this application, as recommended, unless a petition is filed opposing the application or the applicant files a petition contesting the Chief Engineer's recommendation. If a petition opposing the application or contesting the recommendation is filed, then a hearing will be scheduled and the Water Management Board will consider this application. Notice of the hearing will be given to the applicant and any person filing a petition.

Any person interested in opposing or supporting this application or recommendations must file a written petition with BOTH the applicant and Chief Engineer. The applicant must file a petition if contesting the Chief Engineer's recommendation. The Chief Engineer's address is "Water Rights Program, Foss Building, 523 E Capitol, Pierre, SD 57501 (605 773-3352)" and the applicant's mailing address is given above. A petition filed by either an interested person or the applicant must be filed by October 22, 2007.

The petition may be informal, but must include a statement describing the petitioner's interest in the application, the petitioner's reasons for opposing or supporting the application, and the signature and mailing address of the petitioner or the petitioner's legal counsel, if legal counsel is obtained. Contact Eric Gronlund at the above Water Rights Program address to request copies of information pertaining to this application. Steven M. Pirner, Secretary, Department of Environment and Natural Resources. 2tc-10/10

Tuthill



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

PMB 2020
JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182
www.state.sd.us/denr

September 26, 2007

Bennett County Booster II
PO Box 610
Martin SD 57551

ATTENTION: Legal Public Notice

Enclosed is a Notice on Application No. 2621-2 to Appropriate Water to be published twice. Please publish the first notice on October 3, 2007 with the second publication 7 days later. The text of the notice can be e-mailed to your paper by contacting Karen Schlaak at (605) 773-3352.

The applicant must verify to you that the notice is to be published, before you make the first publication. **Please BILL the APPLICANT for the cost of publication.** The APPLICANT is Tuthill Community Presbyterian Church, Ken Hines, 23106 Falcon Lane, Tuthill SD 57574 (Ph # 605-685-6220).

Please send the Water Rights Program the first publication immediately. The publication is checked for accuracy so any corrections can be made in the second publication. You may use the form below or fax a copy of the first publication. Any fax should be sent to the attention of Karen Schlaak at (605) 773-4068. Publication errors can invalidate the public notice.

After the second publication, **please send us an affidavit or use the enclosed Proof of Publication form.** The applicant pays the cost of publication, but the Water Rights Program records require an affidavit or Proof of Publication. Delays in receiving the affidavit can be costly to the applicant.

Sincerely,

Eric Gronlund
Natural Resources Engineer
605 773-3352

enclosures

-----CUT HERE-----

No. 2621-2

TO: Eric Gronlund
Water Rights Program
Joe Foss Building
Pierre SD 57501-3181

Date _____

We are in receipt of your letter of September 27, 2007 enclosing Notice to Appropriate Water by Application No. 2621-2 which was first published in our issue of _____. ENCLOSED IS A COPY OF THIS FIRST PUBLICATION.

Name

Newspaper



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

PMB 2020
JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182
www.state.sd.us/denr

NOTE: TO BE SURE OF PUBLICATION ON
THE CORRECT DATES, CONTACT
THE NEWSPAPER RIGHT AWAY.

September 26, 2007

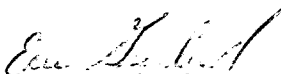
Tuthill Community Presbyterian Church
Ken Hines
23106 Falcon Lane
Tuthill SD 57574

Dear Mr. Hines:

Water Permit Application No. 2621-2 for institutional use has been examined and found to comply with the South Dakota Water Laws and applicable rules. A notice has been sent to the Publisher of the Bennett County Booster II printed at Martin SD (Ph # 605-685-6866). You will need to contact the newspaper and authorize publication of this notice. For your information, a copy of the notice, the recommendation of the Chief Engineer and report on the application is enclosed. Please review the notice prior to publication and notify this office, if you have any corrections or questions.

Be sure to contact the above newspaper to authorize publication of your Notice and to arrange for payment. Early contact with the paper can eliminate delays. Upon receiving authorization, the publisher has been instructed to publish your notice once each week for two consecutive weeks. The newspaper has also been instructed to send us the Proof of Publication. We must receive Proof of Publication before action can be taken on the applications.

Sincerely,


Eric Gronlund
Natural Resources Engineer
(605) 773-3352

enclosures

NOTE: If you plan to contest any part of the Chief Engineer's recommendation, you must file a petition pursuant to the procedures outlined in the attached notice of hearing. The Water Management Board will then consider your concerns during a hearing on the application.

Instruction to Newspaper - Publish first Notice on October 3, 2007 with the second publication 7 days later. The applicant is responsible for payment.

NOTICE OF APPLICATION NO. 2621-2 to Appropriate Water

Notice is given that Tuthill Community Presbyterian Church, 23106 Falcon Lane, Tuthill SD 57574 has filed an application for a water permit to appropriate 0.02 cubic feet of water per second (10 gallons per minute) from one well completed into the Ogallala Aquifer (45 feet deep) located in NW ¼ SW ¼ Section 20-T37N-R35W for institutional use at the church.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 2621-2 because 1) unappropriated water is available, 2) existing rights will not be unlawfully impaired, 3) it is a beneficial use of water, and 4) it is in the public interest. In accordance with SDCL 46-2A-23, the Chief Engineer will act on this application, as recommended, unless a petition is filed opposing the application or the applicant files a petition contesting the Chief Engineer's recommendation. If a petition opposing the application or contesting the recommendation is filed, then a hearing will be scheduled and the Water Management Board will consider this application. Notice of the hearing will be given to the applicant and any person filing a petition.

Any person interested in opposing or supporting this application or recommendations must file a written petition with BOTH the applicant and Chief Engineer. The applicant must file a petition if contesting the Chief Engineer's recommendation. The Chief Engineer's address is "Water Rights Program, Foss Building, 523 E Capitol, Pierre SD 57501 (605 773-3352)" and the applicant's mailing address is given above. A petition filed by either an interested person or the applicant must be filed by October 22, 2007.

The petition may be informal, but must include a statement describing the petitioner's interest in the application, the petitioner's reasons for opposing or supporting the application, and the signature and mailing address of the petitioner or the petitioner's legal counsel, if legal counsel is obtained. Contact Eric Gronlund at the above Water Rights Program address to request copies of information pertaining to this application. Steven M. Pirner, Secretary, Department of Environment and Natural Resources.



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

PMB 2020
JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182
www.state.sd.us/denr

NOV 01 2007

Tuthill Community Presbyterian Church
Ken Hines
23106 Falcon Lane
Tuthill SD 57574

Dear Mr. Hines:

Enclosed is Water Permit No. 2621-2 authorizing construction of your water diversion system and beneficial use of the water, not exceeding the limits as specified in the Water Permit.

Form 10, *Notice of Completion of Works and Application of Water to Beneficial Use*, is enclosed. Please return this completed form after you have finished the system and have put the water to beneficial use. An investigation can then be scheduled so the water license may be issued, thus completing the acquisition of a water right.

An informational sheet ? *Common Water Right Questions?* is also enclosed. This sheet is intended to answer some of the questions associated with obtaining and keeping a water right.

Sincerely,

Garland Erbele, Chief Engineer
Water Rights Program
(605) 773-3352

enclosures

RECEIVED

DEC - 6 2007

WATER RIGHTS
PROGRAMNOTICE OF COMPLETION OF WORKS AND
APPLICATION OF WATER TO BENEFICIAL USEDate 12-4-07TO: Water Rights Program, DENR
523 E. Capitol
Pierre, SD 57501-3181FROM: Kenneth Neies L Zuthill Churchy
(name)
23106 Falcon Ln
(address)
Zuthill, SD 57574 605-685-6220
(city, state, zip) (phone)

I have completed the construction of the water use system and I have put the water to beneficial use to the maximum extent it is going to be used.

Water Permit No. 2621-2 states that the water use system is to be constructed by5/18/07
(date)

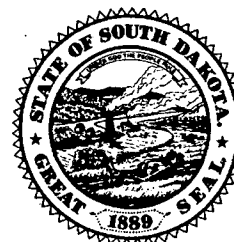
, and water is to be put to beneficial use by

6/1/07
(date)The water use system was completed on 5/18/07
(date)

Applying the water to beneficial use was completed on

6/1/07
(date)

You may schedule an investigation so that the water license may be issued.

Kenneth Neies
(signature)

Permit No. 2621-2
White River - Water District

Other permit/license(s) associated with project: none

Contact Person & Address: Beverly Hines, 23106 Falcon Lane, Tuthill SD 57574

Report Of Examination Of Works

On, September 21, 2010, I made a thorough examination of the water use system constructed by Tuthill community Presbyterian Church of Tuthill SD holder of Permit No. 2621-2, bearing the priority of August 31, 2007 authorizing the diversion of 0.02 cu. ft. per second (10 gallons per minute) of the waters of the Ogallala Aquifer for institutional purposes, in Bennett County.

The system is in the following condition excellent. The point of diversion is located in the NW ¼ SW ¼ Section 20, T37N, R35W (1,400 feet north and 960 east of the SW corner of Section 20) with a longitude of -100.4906 and a latitude of 43.1611. The works are capable of diverting and conveying to the place of use 0.02 cu. ft. per second of water which is being used for institutional use at the church. Water has been put to beneficial use to the maximum extent and should be licensed as follows:

A well head is found 57 paces east of the front steps to the church. The well completion report on file indicates that the well is 45 feet deep with 5 inch diameter casing. A notice of completion of works is on file.

The license should be issued for 0.0223 cfs (10 gpm).

Review of Permit Qualifications And Regulations:

- 1) Special qualifications to permit being abided by Yes
- 2) All structures, wells and lands on map Yes
- 3) Irrigation Questionnaires checked to determine if permit owner started irrigation by the end of construction period not applicable
- 4) Exceptions to compliance are: none

Report On the Specifics of the System

Diversion Point Information:

- | | |
|--|-------------------------------------|
| 1) Well Drilling Firm: <u>Adair Drilling</u> | 2) No. of Wells <u>one</u> |
| 3) Depth(s) <u>45</u> feet | 4) Well log is available <u>yes</u> |

Casing:

- | | |
|-----------------------------|--------------------------|
| 1) Diameter <u>5</u> inches | 2) Length <u>40</u> feet |
| 3) Type <u>plastic</u> | |

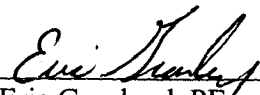
Screen:

- | | |
|--------------------------------|-------------------------|
| 1) Type <u>stainless steel</u> | 2) Length <u>5</u> feet |
|--------------------------------|-------------------------|

Pump\ Motor:

- | | |
|---------------------------------------|--|
| 1) Pump Make <u>Flint and Walling</u> | 2) Pump Model <u>4F10S05</u> |
| 3) Capacity <u>10</u> GPM | 4) Motor Make <u>Franklin Electric</u> |
| 5) Serial No. <u>1685333</u> | 6) Horsepower rating <u>½</u> hp |

COMMENTS: The Hines are the caretakers of the church. Mrs. Hines was contacted and granted permission to conduct the licensing investigation. She did not accompany me when I viewed the well. Contact was made with Adair Drilling who provided pump and motor information. Information provided by the drilling company is attached.


Eric Gronlund, PE
Natural Resources Engineer
DENR, Water Rights Program

10/26/10
Date

Made in USA

TUTHILL
Church

95 N OAK ST KENDALLVILLE IN 46788-1738

Water Permit No. 2621-2, Tuthill Community Presbyterian Church



0 300 600 1,200 1,800 2,400 Feet

Well located in the NW 1/4 SW1/4 Section 20, T37N, R35W



Well's GPS coordinates
Latitude 43.1611
Longitude -101.4906

Eric Gronlund

Eric Gronlund
Water Rights Program, DENR
Licensing Investigation - Sept. 21, 2010



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

PMB 2020
JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182
www.state.sd.us/denr

FEB 11 2011

2621-2

Tuthill Community Presbyterian Church
23106 Falcon Lane
Tuthill SD 57574

Dear Mrs. Hines:

Enclosed is Water License No. 2621-2. This is the final water right document completing your process of obtaining a Water Right. Also, included with your license is a map prepared by the staff engineer who conducted the investigation.

As long as you use the water beneficially, as stated in the Water License, the State Water Laws provide that you have a continuing right to use the water. If you have any questions, please contact our office.

Sincerely,

Garland Erbele, Chief Engineer
Water Rights Program
(605) 773-3352

enclosures

STATE OF SOUTH DAKOTA

WATER LICENSE NO. 2621-2

(1) Tuthill Community Presbyterian Church, 23106 Falcon Lane, Tuthill SD 57574 made Application No. 2621-2, August 31, 2007 for a water permit to divert 0.02 cubic feet of water per second from groundwater (one well), Bennett County, South Dakota for institutional purposes. Permit No. 2621-2, with a priority date of August 31, 2007 was approved October 22, 2007 and issued to the applicant for diversion of water with construction of the described water supply system to be completed on or before October 22, 2012 and for the application to beneficial use of water on or before October 22, 2016.

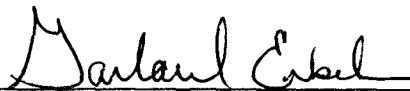
The permit holder submitted a *Notice of Completion of Works and Application of Water to Beneficial Use* on December 6, 2007. The *Notice* stated the diversion system was completed on May 18, 2007 and the water placed to beneficial use on June 1, 2007.

(2) The water supply system has been completed and water applied to beneficial use in accordance with South Dakota State Law. Pursuant to South Dakota Codified Law 46-5-30.1, the holder and/or owner of Water Right No. 2621-2 is issued a license, bearing a priority date of August 31, 2007 to appropriate 0.02 cubic feet of water per second from groundwater (one well) for institutional purposes.

The diversion point is located: 1,400 feet north and 960 feet east of the southwest corner of Section 20-T37N-R35W (NW ¼ SW ¼).

(3) This license is subject to South Dakota Water Law, any limitations or conditions listed in Water Permit No. 2621-2 including the following now applicable qualification:

- The well approved under this Permit will be located near domestic wells and other wells which may obtain water from the same aquifer. The well owner under this Permit shall control his withdrawals so there is not a reduction of needed water supplies in adequate domestic wells or in adequate wells having prior water rights.



Garland Erbele, Chief Engineer
Water Rights Program
Department of Environment and Natural Resources

FEB 11 2011

date

