

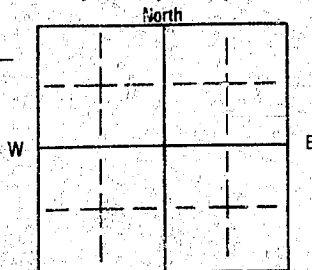
SOUTH DAKOTA WATER WELL COMPLETION REPORT

10-85

Location NW 1/4 Sec 13 Twn 7S Rg 5E

County Fall River

Please mark well location with an 'X'



Well Completion Date 5-16-1988

PROPOSED USE:

☒ Domestic ☐ Municipal ☐ Test Holes
☐ Irrigation ☐ Industrial ☐ Stock

Method of Drilling:

ROTARY R19

CASING DATA:

☐ Steel ☒ Plastic ☐ Other

If other describe

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
LB/FT	5 IN	0 FT	140 FT	7 7/8 IN
LB/FT	IN	FT	FT	IN
LB/FT	IN	FT	FT	IN
LB/FT	IN	FT	FT	IN

GROUT:

Was the well grouted? ☒ YES ☒ NO

To what depth? 500 ft FEET

What is grouting material?

If cement, number of sacks?

Describe grouting procedure.

What was grout weight? LB/GAL

SCREEN: ☒ Perforated pipe ☐ Manufactured

Diameter 5 3/8 IN Length 60 FEET

Material

Slot Size 3/8 Set From 20 Feet To 140 Feet

Slot Size Set From Feet To Feet

Slot Size Set From Feet To Feet

Other information

Was a packer or seal used? ☒ YES ☐ NO

If so, what material? Rubber

Describe packer(s) and location? FACTORY FOUNDATION PACKER 8" AT 40'

Was well disinfected upon completion? ☒ YES ☐ NO

Explain Chlorine

Bacteriological analysis ☐ YES ☒ NO

Laboratory sent to

Well Owner:

Name Leon Barnett

Address Hat Springs S.D.

Well Log: Old Creek Depth

Formation	From	To
Top Soil	0	5
40' Red SHALE	5	23
Red SHALE	23	40
Hard Gray S.S.	40	45
Red S.S. Silt	45	50
Hard Pink lime	50	75
Hard Gray lime	75	115
Red S.S. Stone	115	135
Red S.S. SHALE	135	140
TD 140		
5' Red shale		

STATIC WATER LEVEL 47 Feet

If flowing: closed in pressure PSI

GPM flow through inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other

If other: specify

Can well be completely shut in?

WELL TEST DATA:

☒ Pumped☐ Bailed☒ Other

Describe: Air lifted

Pumping Level Below Land Surface

57 ft. After 3 1/2 Hrs. pumped 13 GPM

ft. After Hrs. pumped GPM

ft. After Hrs. pumped GPM

REMARKS:

This well was drilled under license # 311

And this report is true and accurate.

Drilling firm James Drilling

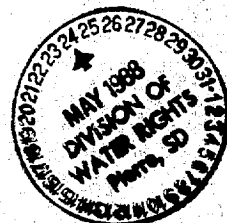
Signature of License Representative:

Leonard James

Signature of Well Owner:

Leon Barnett

Date 5-18-1988



6-6-88

SOUTH DAKOTA WATER WELL COMPLETION REPORT

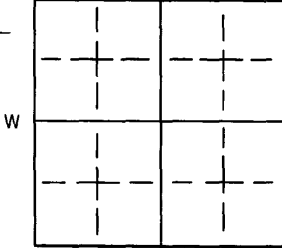
10-85

Location NW 1/4 NW 1/4 Sec 13 Twp 7S Rg 5E

County

Fall River

North



Please mark well location with an "X"

Well Completion Date 5-16-1988

PROPOSED USE:

☒ Domestic ☐ Municipal ☐ Test Holes
☐ Irrigation ☐ Industrial ☐ Stock

Method of Drilling:

CASING DATA:

☐ Steel ☒ Plastic ☐ Other

If other describe _____

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
_____ LB/FT	<u>5</u> IN	<u>0</u> FT	<u>40</u> FT	<u>7 7/8</u> IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN

GROUT:

Was the well grouted? ☒ YES ☒ NO

To what depth? _____ FEET

What is grouting material? _____

If cement, number of sacks? _____

Describe grouting procedure _____

What was grout weight? _____ LB/GAL

SCREEN: ☒ Perforated pipe ☐ ManufacturedDiameter 5 3/8 IN Length 60 FEET

Material _____

Slot Size _____ Set From _____ Feet To 40 Feet

Slot Size _____ Set From _____ Feet To _____ Feet

Slot Size _____ Set From _____ Feet To _____ Feet

Other information _____

Was a packer or seal used? ☒ YES ☐ NOIf so, what material? RubberDescribe packer(s) and location? 10' from bottomWas well disinfected upon completion? ☐ YES ☐ NO

Explain _____

Bacteriological analysis ☐ YES ☒ NO

Laboratory sent to _____

Well Owner:

Name James D. SmithAddress 101 S. 1st St.Well Log: Cold Brook

Depth

Formation

From

To

Formation	From	To
Topsoil	0	2
Gravel	2	10
Red Shale	10	110
Hardpan	110	115
Hardpan	115	120
Hardpan	120	125
Hardpan	125	130
Hardpan	130	135
Hardpan	135	140
Hardpan	140	145
Hardpan	145	150
Hardpan	150	155
Hardpan	155	160
Hardpan	160	165
Hardpan	165	170
Hardpan	170	175
Hardpan	175	180
Hardpan	180	185
Hardpan	185	190
Hardpan	190	195
Hardpan	195	200
Hardpan	200	205
Hardpan	205	210
Hardpan	210	215
Hardpan	215	220
Hardpan	220	225
Hardpan	225	230
Hardpan	230	235
Hardpan	235	240
Hardpan	240	245
Hardpan	245	250
Hardpan	250	255
Hardpan	255	260
Hardpan	260	265
Hardpan	265	270
Hardpan	270	275
Hardpan	275	280
Hardpan	280	285
Hardpan	285	290
Hardpan	290	295
Hardpan	295	300
Hardpan	300	305
Hardpan	305	310
Hardpan	310	315
Hardpan	315	320
Hardpan	320	325
Hardpan	325	330
Hardpan	330	335
Hardpan	335	340
Hardpan	340	345
Hardpan	345	350
Hardpan	350	355
Hardpan	355	360
Hardpan	360	365
Hardpan	365	370
Hardpan	370	375
Hardpan	375	380
Hardpan	380	385
Hardpan	385	390
Hardpan	390	395
Hardpan	395	400
Hardpan	400	405
Hardpan	405	410
Hardpan	410	415
Hardpan	415	420
Hardpan	420	425
Hardpan	425	430
Hardpan	430	435
Hardpan	435	440
Hardpan	440	445
Hardpan	445	450
Hardpan	450	455
Hardpan	455	460
Hardpan	460	465
Hardpan	465	470
Hardpan	470	475
Hardpan	475	480
Hardpan	480	485
Hardpan	485	490
Hardpan	490	495
Hardpan	495	500
Hardpan	500	505
Hardpan	505	510
Hardpan	510	515
Hardpan	515	520
Hardpan	520	525
Hardpan	525	530
Hardpan	530	535
Hardpan	535	540
Hardpan	540	545
Hardpan	545	550
Hardpan	550	555
Hardpan	555	560
Hardpan	560	565
Hardpan	565	570
Hardpan	570	575
Hardpan	575	580
Hardpan	580	585
Hardpan	585	590
Hardpan	590	595
Hardpan	595	600
Hardpan	600	605
Hardpan	605	610
Hardpan	610	615
Hardpan	615	620
Hardpan	620	625
Hardpan	625	630
Hardpan	630	635
Hardpan	635	640
Hardpan	640	645
Hardpan	645	650
Hardpan	650	655
Hardpan	655	660
Hardpan	660	665
Hardpan	665	670
Hardpan	670	675
Hardpan	675	680
Hardpan	680	685
Hardpan	685	690
Hardpan	690	695
Hardpan	695	700
Hardpan	700	705
Hardpan	705	710
Hardpan	710	715
Hardpan	715	720
Hardpan	720	725
Hardpan	725	730
Hardpan	730	735
Hardpan	735	740
Hardpan	740	745
Hardpan	745	750
Hardpan	750	755
Hardpan	755	760
Hardpan	760	765
Hardpan	765	770
Hardpan	770	775
Hardpan	775	780
Hardpan	780	785
Hardpan	785	790
Hardpan	790	795
Hardpan	795	800
Hardpan	800	805
Hardpan	805	810
Hardpan	810	815
Hardpan	815	820
Hardpan	820	825
Hardpan	825	830
Hardpan	830	835
Hardpan	835	840
Hardpan	840	845
Hardpan	845	850
Hardpan	850	855
Hardpan	855	860
Hardpan	860	865
Hardpan	865	870
Hardpan	870	875
Hardpan	875	880
Hardpan	880	885
Hardpan	885	890
Hardpan	890	895
Hardpan	895	900
Hardpan	900	905
Hardpan	905	910
Hardpan	910	915
Hardpan	915	920
Hardpan	920	925
Hardpan	925	930
Hardpan	930	935
Hardpan	935	940
Hardpan	940	945
Hardpan	945	950
Hardpan	950	955
Hardpan	955	960
Hardpan	960	965
Hardpan	965	970
Hardpan	970	975
Hardpan	975	980
Hardpan	980	985
Hardpan	985	990
Hardpan	990	995
Hardpan	995	1000

STATIC WATER LEVEL 47 Feet

If flowing: closed in pressure _____ PSI

GPM flow _____ through _____ inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other

If other, specify _____

Can well be completely shut in? _____

WELL TEST DATA:

☒ Pumped☐ BailedDescribe: 10' lift☒ Other

Pumping Level Below Land Surface

57 ft. After 3 1/2 Hrs. pumped 15 GPM

_____ ft. After _____ Hrs. pumped _____ GPM

_____ ft. After _____ Hrs. pumped _____ GPM

REMARKS:

This well was drilled under license # 311

And this report is true and accurate.

Drilling firm Romes Drilling

Signature of License Representative:

Leonard Romes

Signature of Well Owner:

James D. SmithDate 5-18-1988

6-6-88