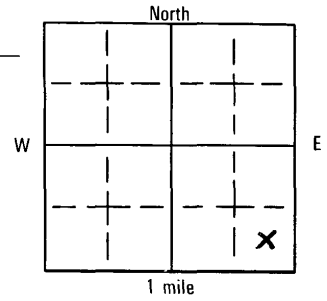
SOUTH DAKOTA WATER WELL COMPLETION REPORT

10-85

Location SE ¼ SE ¼ Sec 23 Twp 10N Rg 1E

County Butte

Please mark well location with an "X"



Well Completion Date 12-1-91

PROPOSED USE:
☐ Domestic ☐ Municipal ☐ Test Holes
☐ Irrigation ☐ Industrial ☒ Stock
☒ OTHER

Method of Drilling:
Rotary (

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

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
24 LB/FT	8 5/8 IN	0 FT	312 FT	12 1/4 IN
15.5 LB/FT	5 1/2 IN	0 FT	3278 FT	7 7/8 IN
LB/FT	IN	FT	FT	IN
LB/FT	IN	FT	FT	IN

GROUT:
Was the well grouted? ☒ YES ☐ NO
To what depth? 0-312 ; 2000 - 3278 FEET
What is grouting material? Cement
If cement, number of sacks? 250 SX + 250 SX
Describe grouting procedure Pressure Grouted Halliburton
Perfs 2910-18 Squeeze Cmtd w/ 50 SX
What was grout weight? Pressured to 2000 PSI LB/GAL

SCREEN: ☒ Perforated pipe ☐ Manufactured
Diameter 5 1/2 IN Length FEET
Material Steel
Slot Size .48 Hole Set From 2910 Feet To 18 Feet Squeeze Cmented
Slot Size Set From Feet To Feet
Slot Size Set From Feet To Feet
Other information Open hole completion (4 3/4") 3278 - 3370

Was a packer or seal used? ☒ YES ☐ NO
If so, what naterial? Surface Csg Steel Cemented
Describe packer(s) and location? 312'

Was well disinfected upon completion? ☐ YES ☒ NO
Explain Artesian Flow
Bacteriological analysis ☒ YES ☒ NO
Laboratory sent to Twin City - Rapid City

Well Owner:
Name Jack Waite
Address Box 366 Belle Fourche SD

Well Log:

Formation	Depth From	Depth To
well Previously Drilled		
as oil well.		
Electric Log Tops:		
FALL RIVER	1180'	
Sundance	1785	
Minnekhata	2675	
Minnelusa	2858	
MADISON	3230	

STATIC WATER LEVEL Feet
If flowing: closed in pressure 140 PSI
GPM flow Est. 600 through 5 1/2 inch pipe
Controlled by ☒ Valve ☐ Reducers ☐ Other
If other; specify
Can well be completely shut in? Yes

WELL TEST DATA:
☐ Pumped
☐ Bailed Describe:
☐ Other
Pumping Level Below Land Surface
ft. After Hrs. pumped GPM
ft. After Hrs. pumped GPM
ft. After Hrs. pumped GPM

REMARKS:
Oilwell was squeezed with cement re-entered, Drilling out end of 5 1/2 Production Casing with 4 3/4 bit, Found water flow by reaching 3370'

This well was drilled under license # 205
And this report is true and accurate.
Drilling firm Soda Butte Services / MATERI EXPL. OLD #
Signature of License Representative:
Signature of Well Owner:
John T Waite
Date 12-12-91

96-1-14