

STATE OF WYOMING
OFFICE OF THE STATE ENGINEER
HERSCHLER BLDG., 4-E
CHEYENNE, WYOMING 82002
(307) 777-6163

SCANNED JUL 29 2014

MICRO MAY 25 2005

STATEMENT OF COMPLETION AND DESCRIPTION OF WELL OR SPRING

NOTE: Do not fold this form. Use typewriter or print neatly with black ink.

PERMIT NO. U.W. 152373 NAME OF WELL (SPRING) KREMER #1

1. NAME OF OWNER JEROME & SHARON KREMER

2. ADDRESS PO Box 547

Please check if address has changed from that shown on permit. ☐

City Ranchester State WY Zip Code 82839 Phone No. 655-9775

3. USE OF WATER ☒ Domestic ☐ Stock Watering ☐ Irrigation ☐ Municipal ☐ Industrial ☐ Miscellaneous
☐ Monitor or Test ☐ Coal Bed Methane Explain proposed use (Example: One single family dwelling)

1 Single Family Dwelling

4. LOCATION OF WELL (SPRING): NE 1/4 SE 1/4 of Section 1, T. 57 N., R. 57 W., of the 6th P.M. (or W.R.M.)

Subdivision Name Parkman Hills Lot 10 Block

If surveyed, bearing, distance and reference point:

Longitude (degrees, minutes, seconds)

Latitude (degrees, minutes, seconds)

Datum: ☐ 1927 ☐ 1983

Source: ☐ GPS ☐ Map ☐ Survey

5. TYPE OF CONSTRUCTION: DRILLED ☒ Forward Rotary Dug ☐ Driven ☐ Other ☐

Describe: Air (type of rig, and fluid used if any)

6. CONSTRUCTION: Total Depth of Well/Spring 260 ft.

Depth to Static Water Level 0 ft. (Below land surface) See Remarks, JR Casing Height above ground (ft.)

a. Diameter of borehole (Bit size) 8 3/4 inches.

b. Casing Schedule: New ☒ Used ☐ Joint type: ☐ threaded ☒ glued ☐ welded

5 1/2 diameter from +2 ft. to 260 ft. Material PVC Gage SOR-21

diameter from ft. to ft. Material Gage

c. Grouted interval, from 6' ft. to 190 ft.

Amount of grout used: 58 sacks type: 3/8" Bentonite Chips

(example: 10 sacks) (example: bentonite pellets)

d. Type of completion: ☒ factory screen ☐ open hole ☐ customized perforations

Perforation: Type of perforator used IVA

Size of perforations inches by inches.

Number of perforations and depths where perforated:

perforations from ft. to ft.

perforations from ft. to ft.

Open hole from ft. to ft.

Well screen details:

Diameter 5 1/2" slot size: 1025 set from 220 ft. to 240 ft.

Diameter slot size: set from ft. to ft.

e. Well development method RL 15T How long did development last? 3 Hrs

f. Was a filter pack installed? Yes ☒ No ☐ Size of sand/gravel 1/4" Chips Washed & Clarified

Filter pack installed from 190 ft. to 260 ft.

g. Was surface casing used? Yes ☐ No ☒ Was it cemented in place? Yes ☐ No ☐

Surface casing installed from ft. to ft.

VERPLANCKE DRILLING CO.
P.O. BOX 179
BUFFALO, WY 82834
(307) 684-9022

7. NAME AND ADDRESS OF DRILLING COMPANY

8. DATE OF COMPLETION OF WELL (including pump installation) OR SPRING (first used) 11-2003

9. PUMP INFORMATION: Manufacturer Wellbot Type Submersible

Source of power Public 480 Horsepower 1 Depth of Pump Setting or intake 248 ft.

Amount of Water Being Pumped 18 Gallons Per Minute. (For Springs or flowing wells, see item 10.)

Total Volumetric Amount Used Per Calendar Year. 750,000

10. FLOWING WELL OR SPRING (Owner is responsible for control of flowing well).

If well yields artesian flow or if spring, yield is gal./min. Surface pressure is lb./sq.inch, or feet of water.

The flow is controlled by: valve ☐ cap ☐ plug ☐

Does well leak around casing? Yes ☐ No ☐

152373

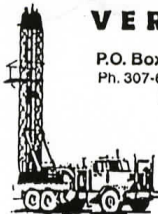
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SEE REVERSE SIDE

- for State Engineer

U.W. 152373
WELL LOG



VERPLANCKE DRILLING CO.
P.O. Box 179 • Buffalo, WY 82834
Ph. 307-684-9022 • Fax 307-684-2183
Mobile 307-752-1904

Rick & Kathy
Verplancke - Owners

Kramer #1
NE 1/4 SE 1/4 S4
T54NR87W
Jerome & Sharon Kramer
DEC 30 2004
STATE ENGINEER
CHEYENNE, WY
C.O.

ATTACHMENT SHEET FOR STATEMENT OF COMPLETION

PERMIT No. U.W. 152373

MICRO MAY 25 2005

FROM	TO	FORMATION
0	19	Brown Silty Sand
19	20	Carbonaceous
20	36	Siltstone
36	37	Sandstone
37	43	Grey Silty Sand
43	50	Shale
50	51	Carb.
51	61	Shale
61	82	Grey Silty Sand Some Water Less than .5 GPM
82	85	Shale
85	87	Coal
87	100	Grey Silty Sand w/Shale Streaks Water less than .5 GPM
100	126	Shale
126	128	S. Stone
128	133	Grey Silty Sand
133	151	Shale - Sand Streaks
151	152	S. Stone
152	157	Shale
157	159	S. Stone (Water) - Net Air Lift - 2.5 GPM
159	165	Shale
165	171	Sand & Shale Intermittent layers
171	173	Coal
173	182	Shale
182	183	S Stone
183	202	Intermittent Sand & Shale w/ thin Coal Streaks
202	203	S Stone
203	218	Grey Silty Sand (Water) - Net Air Lift - 6 GPM
218	225	Shale
225	240	Grey Silty Sand (Water) Net Air Lift - 20 GPM
240	242	Coal
242	260	Shale Total Air Lift From Bottom of Hole - 30 GPM
"Casing & well construction Report"		
From +2' to 220' 8 1/2" SDR-21 PVC Solid Casing - From 220' to 240' 5 1/2" SDR-17 PVC Slotted Casing (.025" slots, Factory)		
From 240' to 260' SDR-21 PVC Solid Casing "tail pipe" w/cap on Bottom -		
Filter Pack Material (3/8" chips) From Bottom up to 190'		
From 190' up to Surface 3/8" Bentonite Chips		
1 HP 230 Volt 3 Wire 14 Stage Pump Set @ 245' on 1 1/4" 5 c 80 PVC Drop Pipe - 12-3 4/6 and Pump Cable - Pumping 15 GPM w/total Draw down of 169 ft - Sustained Pumping		
TOTAL DEPTH	260'	Level @ 15 GPM - 169 Ft From top of Casing Well Has Capacity to Pump 25 GPM, Plus.