

1. DRILLING PERMIT NO. 65-93-W-0297-000
Other IDWR No _____

2. OWNER:

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Name JAMES W. SMITH
Address 1024 PARKHILL DR.
City EDISE ID B3782 State IL Zip 60131

3. LOCATION OF WELL by legal description:

Sketch map location must agree with written location.

T. 10 North ☒ or South ☐
E. 1 East ☒ or West ☐
Sec. 1, _____ 1/4 _____ 1/4 _____ 1/4 _____
Gov't Lot _____ County _____

Address of Well Site 150 YDS FROM 2ND FORK rd up
3rd. Fork Road on Right - DIA
 (Give at least Direction + Distance to Road or Landmark)

Lot No. 3+4 Block No. _____ Subd Name _____

4. PROPOSED USE:

☒ Domestic ☐ Municipal ☐ Monitor ☐ Irrigation
☐ Thermal ☐ Injection ☐ Other

5. TYPE OF WORK

☒ New Well ☐ Modify or Repair ☐ Replacement ☐ Abandonment

6. DRILL METHOD

☐ Mud Rotary ☒ Air Rotary ☐ Cable ☐ Other

7. SEALING PROCEDURES

SEAL/FILTER PACK			AMOUNT	METHOD
Material	From	To	Sacks or Pounds	
BENTONITE	0	19	2	OVERBORE

Was drive shoe seal tested? Y ☒ N ☐ How?

8. CASING/LINER:

Diameter	From	To	Gauge	Casting	Liner	Steel	Plastic	Welded	Threaded
6	1	19	250	X		☒	☐	☒	☐
4.50	10	140			X	☐	☒	☐	☐
						☐	☐	☐	☐
						☐	☐	☐	☐

Final location of shoes 19° 6'

Top Packer or Headpipe _____ Bottom Tailpipe _____

9. PERFORATIONS/SCREENS

☒ Perforations Method S'AW

☐ Screens Type _____ Material _____

From	To	Slot Size	Number	Diameter	Tel./Pipe Size	Casting	Liner
120	130					☐	☒
						☐	☐
						☐	☐
						☐	☐
						☐	☐

FEB 28 1994

10. WELL TESTS:

☐ Pump ☐ Bailer ☒ Air ☒ Flowing Artesian

Yield gal./min.	Drawdown	Pumping Depth	Time
40		120	1HR

Temperature of water _____ Was a water analysis done? Yes ☐ No ☒

By whom? _____

Water Quality (odor, etc.) _____

Bottom Hole Temperature.....

11. STATIC WATER LEVEL:

_____ ft. below surface Depth artesian flow found 130'
Artesian pressure 5[#] lb. Describe access port Removable
Describe Controlling Devices: Valve well seal

12. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	GPM	SWL
2"0		6	TOPSOIL		
7"5		4	LOOSE GRAVEL		
7"16		9	BLACK ROCK		
6"17		35	BLACK ROCK WATER		
6"35		40	RED ROCK		
6"40		80	BLACK ROCK		
6"80		105	BLACK ROCK FLOWING 10GPM		
6"105		130	BRN CLAY		
6"130 - 131			CRACK ATTENTION Flow		Yes
6"131 - 140			BRN. Clay		No
RECEIVED OCT 25 1993 Department of Water Resources					
RECEIVED OCT 22 1993 WATER RESOURCES WESTERN REGION					
Date: Started	8-24-93		Completed	8/12/93	

13. DRILLER'S CERTIFICATION

I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Firm Name S. C. S. HELLDRILLING Firm No. 212

Firm Official Fred Shinn Date 9-16-82

and
Supervisor or Operator Wayne Reed Date 9-16-92

(Sign once if Firm Official & Operator)

FORWARD WHITE COPY TO WATER RESOURCES