

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

Office Use Only		
Well ID No.	_____	
Inspected by	_____	
Twp _____	Rge _____	Sec _____
_____ 1/4	_____ 1/4	_____ 1/4
Lat: : :	Long: : :	

1. WELL TAG NO. D 0044878
 DRILLING PERMIT NO. 840338
 Water Right or Injection Well No. _____

2. OWNER:

Name Duane & Karen Marquardt
Address 377370 Highway 95
City Desmet State Id. Zip 83824

3. LOCATION OF WELL by legal description:

You must provide address or Lot, Blk, Sub or Directions to well.

Twp. 44 North ☒ or South ☐
Rge. 4 East ☐ or West ☒
Sec. 32 ^{1/4} SW ^{1/4} SE ^{1/4}
Gov't Lot _____
10 acres 40 acres 160 acres
County Benedict
Lat. : : Long. : :
Address of Well Site 5 miles south of Tensed on
 Hwy. 95 City Tensed
(One of two: name of road - (distance to Road or landmark)
Lt. Blk. Sub. Name

4. USE:

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

5. TYPE OF WORK check all that apply

(Replacement etc.)

☒ New Well ☐ Modify ☐ Abandonment ☐ Other

6. DRILL METHOD:

☒ Air Rotary ☐ Cable ☐ Mud Rotary ☐ Other

7. SEALING PROCEDURES

Seal Material	From	To	Weight / Volume	Seal Placement Method
Bentonite	0	20	200 lbs	Overbore

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) 317-Ring bit
Was drive shoe seal tested? ☒ Y ☐ N How? Air Pressure

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
6"	+1	-317	250	Steel	☒	☐	☒	☐
					☐	☐	☐	☐
					☐	☐	☐	☐

Length of Headpipe	Length of Tailpipe
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Packer	LIY	~~X~~ N	Type
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9. PERFORATIONS/SCREENS PACKER TYPE

Perforation Method **air Knife**Screen Type & Method of Installation N/A

From	To	Slot Size	Number	Diameter	Material	Gaging	Liner
307	314	1 x 1/4	126	6"	Steel	☒	☐ IDV
						☐	☐
						☐	☐

10. FILTER PACK *N/A*

Filter Material	From	To	Weight / Volume	Placement Method

11. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

42 ft. below ground Artesian pressure _____ lb.
Depth flow encountered _____ ft. Describe access port or control devices: _____
6" Bolted Well Cap

44N 4W 32

12. WELL TESTS:

☐ Pump ☐ Bailer ☒ Air ☐ Flowing Artesian

Yield gal./min	Drawdown	Pumping Level	Time
33			

Water Temp. Cool Bottom hole temp. Cool

Water Quality test or comments: Good with some Iron Smell

13. LITHOLOGIC LOG: (Describe repairs or abandonment)

Water

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	Y	N
8	0	317			
6	317	340			
	0	3	Top Soil		
	3	15	Brown Clay		
	15	45	light Brown Clay		
	45	93	Dark Brown Clay & wood		
	93	135	Dark Brown Clay		
	135	145	Hard Light Brown Clay		
	145	155	Sticky Light Brown Clay		
	155	210	Soft Light Brown Clay & Silts (cased out)		X
	210	300	Dark Brown Clay		
	300	340	Basalt (33 GPM)		X
			AQUA DRILLING & EXPLORATION INC. PO BOX 2850 HAYDEN, ID 83835-2850		
Completed Depth 340'			(Measurable)		
Date: Started 6-19-06			Completed 6-22-06		

14. DRILLER'S CERTIFICATION

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

Company Name **TE & EXPLORATION INC** Firm No. **163**

Principal Driller Scott M. Trimmer Date _____

Driller or Operator: Wayne Miller Date 6-23-06

Operator I _____ Date _____

Principal Driller and Rig Operator Required.
Operator I must have signature of Driller/Operator II.

FORWARD WHITE COPY TO WATER RESOURCES