

MEMORANDUM

Date: September 19, 2011
To: Water Right File 63-31787
From: csaxton
Re: Water Bearing Zone

There is only one well over 400 feet within one mile radius of the Greenleaf "Butler" well that is drawing water from as deep as 488 feet. That well was drilled in 1996 in the name of Dean Fry and is completed at 524 feet. It is located in T04N, R04W, S22, SESW and is over a mile away from the Butler well. To IDWRs knowledge, no complaints have been filed asserting injury in connection with the Butler well and because the butler well is over a mile away, it is doubtful that there is any direct impact to the 1996 well. Therefore, the change in the water bearing zone is not significant and can be done through order. However, the new water bearing zone will be limited to that actually completed, or 182 - 488 feet.

Form 2307
3/95RECEIVED
SEP 17 1996

IDAHO DEPARTMENT OF WATER RESOURCES

WELL DRILLER'S REPORT

Use Typewriter or Ballpoint Pen

057534

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Office Use Only			
Inspected by _____			
Twp. _____	Rge. _____	Sec. _____	
1/4 _____		1/4 _____	
Lat: _____		Long: _____	

WATER RESOURCES
WESTERN REGION

1. DRILLING PERMIT NO. 63 - 96 - W - 0643 - 200

Other IDWR No. _____

2. OWNER:

Name Dean FryAddress 20029 Notus Rd.City Caldwell State Id Zip 83605

3. LOCATION OF WELL by legal description:

Sketch map location must agree with written location.

N	
W	
E	
S	
Twp. <u>04</u> North ☒ or South ☐	
Rge. <u>04</u> East ☐ or West ☒	
Sec. <u>22</u> 1/4 <u>SE</u> 1/4 <u>SW</u> 1/4	
Gov't Lot _____ County <u>Canyon</u> 10 acres 40 acres 160 acres	
Lat: _____ Long: _____	
Address of Well Site <u>same as above</u>	
City _____	
(Give at least 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/FILTER PACK			AMOUNT	METHOD
Material	From	To	Sacks or Pounds	
Perma Plug				In annular Space
Bentonite	3	18	400 Pds	

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) 633'Was drive shoe seal tested? ☒ Y ☐ N How? Bailed Down

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
6"	2	633	.25	Steel	☒	☐	☒	☐

Length of Headpipe _____ Length of Tailpipe _____

9. PERFORATIONS/SCREENS

☐ Perforations Method _____☐ Screens Screen Type _____

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
						☐	☐
						☐	☐
						☐	☐

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

62 ft. below ground Artesian pressure _____ lb.

Depth flow encountered _____ ft. Describe access port or control devices: _____

11. WELL TESTS:

☐ Pump ☒ Bailer ☒ Air ☐ Flowing Artesian

Yield gal./min.	Drawdown	Pumping Level	Time
26	63	125	1
50	18	80 est	10 1/2

Water Temp. 83 Bottom hole temp. _____Water Quality test or comments: 4 grainsDepth first Water Encountered 36

12. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	Y	N
10	0	3	Soil		X
10	3	5	Brown Clay		X
10	5	6	Hard Pan		X
10	6	12	Brown Clay		X
10	12	17	Hard Pan		X
10	17	18	Brown Clay		X
6	18	36	Brown Gravel		X
6	36	43	Brown Gravel & Sand	X	
6	43	72	Light Brown Clay Sticky		X
6	72	73	Brown Sandy Clay	X	
6	73	97	Light Brown Clay		X
6	97	107	Blue Clay		X
6	107	107	Black Sand w/ Clay	X	
6	107	177	Blue Clay		X
6	177	192	Black Sand very Fine	X	
6	192	200	Blue Clay		X
6	200	201	Black Sand very Fine	X	
6	201	227	Blue Clay		X
6	227	234	Black Sand very Fine	X	
6	234	251	Blue Clay		X
6	251	263	Blue Clay w/ Brown Streaks		X
6	263	263	Black Sand very Fine	X	
6	263	275	Blue Clay		X
6	275	276	Black Sand very Fine	X	
6	276	311	Blue Clay w/ Brown Streaks		X
6	311	313	Blue Clay Hard Drilling		X
6	313	370	Blue Clay		X
6	370	375	Black Sand very Fine	X	
6	375	405	Blue Clay Sticky		X
6	405	405	Blue Clay Crack	X	
6	405	475	Blue Clay Sticky		X
6	475	524	Black Sand very Fine	X	

Completed Depth 6256 (Measurable)Date: Started 28 Aug 1996 Completed 13 Sept 96

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 Gary Duspiva Well Drilling & Development Firm No. 395Firm Official [Signature] Date 15 Sept 96

Supervisor or Operator _____ Date _____

(Sign once if Firm Official & Operator)

FORWARD WHITE COPY TO WATER RESOURCES

