

Permit No. 25-7429
Name Freckleton

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
In-Office Beneficial Use Examination

Partial exam
Conducted by
Steve Mueller on
Aug 2, 2001.

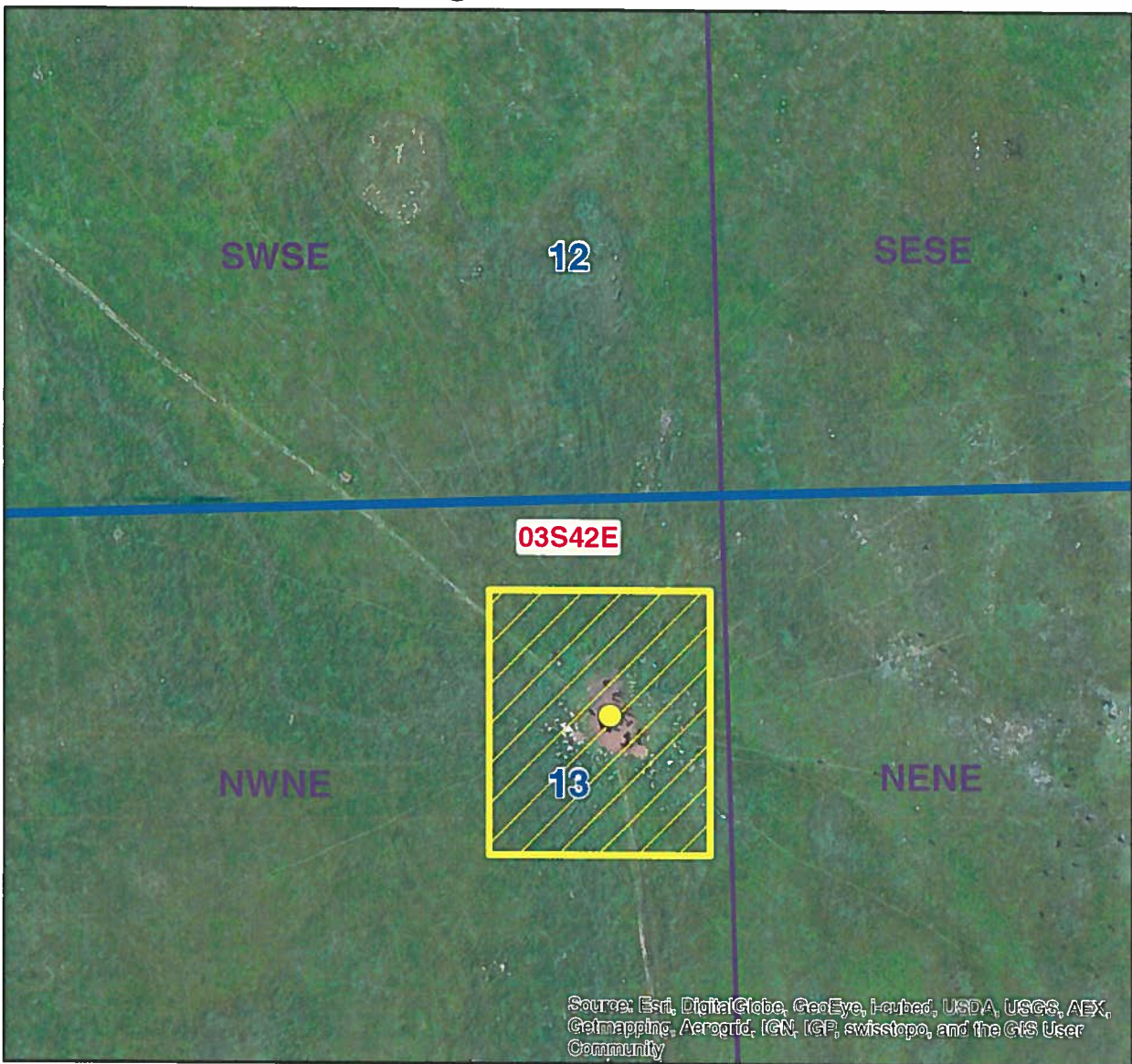
1. ☒ Copy of Permit
2. ☒ Copy of proof of beneficial use
3. N/A Copies of amendments/orders
4. ☒ Qualifies under Rule 35.01.r (IDAPA 37.03.02)
5. ☒ Point of Diversion
Township 03S, Range 42E, Section 13, QQ NWNE
Method used to determine POD: GPS, aerial photos
6. ☒ Place of Use
Township 03S, Range 42E, Section 13, QQ NWNE
Method used to determine POU: aerial photos
7. No POD and POU match Permit Approval → Amendment required
8. ☒ Aerial photo of place of use
9. ☒ Well driller's report
10. No Within a water district? (WD#)
11. ☒ Volume Calculation
 $400 \text{ cattle} \times 12 \text{ gpd} \times 365 \text{ days} = 1,750,000 \text{ gal} = 5.4 \text{ af}$
12. ☒ Other information
Using the system specifications reported on the proof of beneficial use, the maximum theoretical diversion rate = 0.02 cfs.

AUTHENTICATION

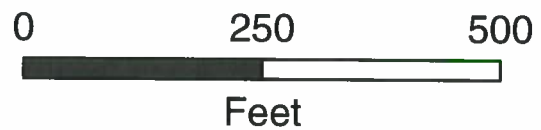
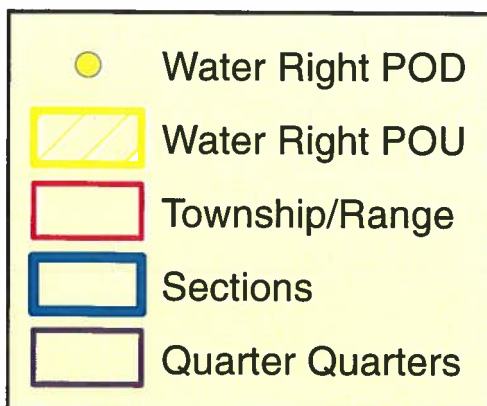
Examiner Name James Cefalo Date 4/17/14

Reviewer _____ Date _____

Water Right License 25-7429



2010 Aerial Photography



THEORETICAL HORSEPOWER EQUATION WORKSHEET (cjh 1/92)

Water Right No.: 25-7429
Examiner: S Mueller
Date of Field Exam: 8/2/2001

Option 1

P/D No.:

PUMP HORSEPOWER 1.5
BOOSTER HORSEPOWER 0

PUMPING LEVEL 258

DISCHARGE PRESSURE 110

FRICTION 0

RATE OF FLOW (cfs) 0.02
(gpm) 8.1

The above calculates the formula = $Q = \frac{8.8 * (\text{Efficiency}) * \text{hp}}{\text{depth to water} + 2.31 * (\text{psi}) + \text{friction}}$

Assumptions: %70 efficiency.

Examiners Notes:

25-7429



POD



POU

WELL DRILLER'S REPORT

State law requires that this report be filed with the Director, Department of Water Resources within 30 days after the completion or abandonment of the well.

1. WELL OWNER

Name Wayne Freckleton
 Address 409 E. 2050 S.
Bountiful, Utah 84010
 Owner's Permit No. 25-90-E085

2. NATURE OF WORK

- ☒ New well ☐ Deepened ☐ Replacement
☐ Well diameter increase
☐ Abandoned (describe abandonment procedures such as materials, plug depths, etc. in lithologic log)

3. PROPOSED USE

- ☐ Domestic ☐ Irrigation ☐ Test ☐ Municipal
☐ Industrial ☒ Stock ☐ Waste Disposal or Injection
☐ Other _____ (specify type)

4. METHOD DRILLED

- ☒ Rotary ☒ Air ☐ Hydraulic ☐ Reverse rotary
☐ Cable ☐ Dug ☐ Other _____

5. WELL CONSTRUCTION

Casing schedule: ☒ Steel ☐ Concrete ☐ Other _____

Thickness	Diameter	From	To
.312 inches	8" ID	1. feet	20 feet
.250 inches	6" ID	1 feet	239 feet
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ feet

Was casing drive shoe used? ☐ Yes ☒ No

Was a packer or seal used? ☐ Yes ☒ No

Perforated? ☒ Yes ☐ No

How perforated? ☐ Factory ☐ Knife ☒ Torch ☐ Gun

Size of perforation 3/16 inches by 12 inches

Number	From	To
30 perforations	219 feet	239 feet
_____ perforations	_____ feet	_____ feet
_____ perforations	_____ feet	_____ feet

Well screen installed? ☐ Yes ☒ No

Manufacturer's name _____

Type _____ Model No. _____

Diameter _____ Slot size _____ Set from _____ feet to _____ feet

Diameter _____ Slot size _____ Set from _____ feet to _____ feet

Gravel packed? ☐ Yes ☒ No ☐ Size of gravel _____

Placed from _____ feet to _____ feet

Surface seal depth 20 Material used in seal: ☒ Cement grout

☒ Bentonite ☐ Puddling clay ☐ _____

Sealing procedure used: ☐ Slurry pit ☒ Perm surface casing

☒ Overbore to seal depth

Method of joining casing: ☐ Threaded ☒ Welded ☐ Solvent

☐ Cemented between strata

Describe access port PLUG IN CAP

7. WATER LEVEL

Static water level 47' feet below land surface.

Flowing? ☐ Yes ☒ No G.P.M. flow _____

Artesian closed-in pressure _____ p.s.i.

Controlled by: ☐ Valve ☐ Cap ☐ Plug

Temperature 52 OF. Quality Good

Describe artesian or temperature zones below.

8. WELL TEST DATA

☐ Pump ☐ Bailer ☒ Air ☐ Other _____

Discharge G.P.M.	Pumping Level	Hours Pumped

9. LITHOLOGIC LOG

Bore Diam.	Depth		Material	Water	
	From	To		Yes	No
12 1/4"	0	2	overburden		X
"	2	21	Clay sticky clay		
7 3/8"	21	44	" "		
"	44	82	Brown clay		
"	82	84	Med. broken lava		
"	84	110	Hard lava		
"	110	185	Very hard massive lava		
"	185	200	Hard lava		
"	200	218	Med. broken lava		
"	218	227	Med. broken lava		
"	227	235	Cinder 35 GPM	X	
"	235	240	Brown clay		X
6"	240	260	" "		X

RECEIVED

AUG 21 1990

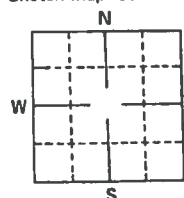
Department of Water Resources
 Eastern District Office

10.

Work started 7-12-90 finished 7-23-90

6. LOCATION OF WELL

Sketch map location must agree with written location.



Subdivision Name _____

Lot No. _____ Block No. _____

County _____

SE 1/4 SE 1/4 Sec. 13 T. 35 N ☐ S ☐ R. 42E W ☐

11. DRILLERS CERTIFICATION

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

Firm Name Nelson Drilling Firm No. 215

Address Soda Springs, Id. Date 7-26-90

Signed by (Firm Official) Ray Nelson

and

(Operator) Ray Nelson