

STATE OF NEVADA  
DIVISION OF WATER RESOURCES  
WELL DRILLER'S PLUGGING REPORT

1043

OFFICE USE ONLY  
Log No. 112202  
Permit No. \_\_\_\_\_  
Basin 728

PRINT OR TYPE ONLY  
DO NOT WRITE ON BACK

Please complete this form in its entirety in  
accordance with NRS 534.170 and NAC 534.340

NOTICE OF INTENT NO. 63314

1 OWNER U.S. NAVY (AGENT: BROOKS GROUNDWATER) ADDRESS AT WELL LOCATION DIXIE VALLEY WELL #82 A  
MAILING ADDRESS 8455 CLASSIQUE AVE #102  
LAS VEGAS, NV 89178  
Subdivision Name: \_\_\_\_\_ County: CHURCHILL

2 LOCATION SW ¼ NW ¼ Sec 19 T 21N N/S R 35 E Latitude 39 DEG 40.502 MIN UTM E  NAD 27  
PERMIT/WAIVER No. R-644 Longitude 118 DEG 05.707 MIN N  NAD 83/WGS 84  
Issued by Water Resources Parcel No. \_\_\_\_\_

3 TYPE OF WELL Is this well being plugged because a replacement well was drilled? NO Is there an existing well log? UNKNOWN  
 Domestic  Irrigation  Test  
 Municipal/Industrial  Monitor  Stock  
If yes, what is replacement well NOI? \_\_\_\_\_ If yes, what is NDWR well log #? \_\_\_\_\_

4 EXISTING WELL CONSTRUCTION

Depth Drilled	Feet	Depth Cased	Feet
EXISTING CASING SCHEDULE			
Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet) To (Feet)
4"			

7 WELL PLUGGING PROCEDURE  
Was well cleaned out to total depth?  yes  no  
If well was not cleaned out to total depth, please explain why: WAS AT IT'S TOTAL DEPTH  
Was the well contaminated?  yes  no  
Was the casing pulled?  yes  no  
Was the casing over drilled?  yes  no

Existing Perforations:

Type of perforation	Size of perforation	From	feet to	feet
From				

If casing was left in place, please show where additional perforations were made:  
Additional Perforations:

Type of perforator used:	From	feet to	feet	Number of perfs per linear foot
From				

5 WATER LEVEL  
Static water level \_\_\_\_\_ feet below land surface  
Artesian flow 10 G.P.M. P.S.I.  
Water temperature COLD °F Quality \_\_\_\_\_

8 WELL PLUGGING MATERIALS

From	feet to	feet	Material Used	<input checked="" type="checkbox"/> Pumped	<input type="checkbox"/> Poured
From	0	95	NEAT CEMENT	<input checked="" type="checkbox"/>	<input type="checkbox"/>
From				<input type="checkbox"/>	<input type="checkbox"/>
From				<input type="checkbox"/>	<input type="checkbox"/>
From				<input type="checkbox"/>	<input type="checkbox"/>
From				<input type="checkbox"/>	<input type="checkbox"/>
From				<input type="checkbox"/>	<input type="checkbox"/>

6 Additional Notes or Comments  
CASING WAS VERY DETERIORATED

Neat Cement Fluid Weight 27.5 lbs/gal  
Bentonite Grout % bentonite \_\_\_\_\_  
Date Started 9/13/2010  
Date Completed 9/13/2010

17-1111 9-13-2010

9 DRILLER'S CERTIFICATION  
This well was plugged and abandoned under my supervision and the report is true to the best of my knowledge.  
Name STEVE'S PUMPS & WELL DRILLING Contractor  
Address P.O. BOX 249/711-715 SEARS RD. Contractor  
JANESVILLE, CA 96114  
Nevada contractor's license number issued by the State Contractor's Board 0071285  
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 2369  
Signed \_\_\_\_\_  
Date 20-Sep-10

RECEIVED

24 September 2010

2010 OCT -1 AM 10:43

Mr. Hamilton Reed  
 Division of Water Resources  
 901 South Stewart Street.  
 Suite 2002  
 Carson City, NV 89701

STATE ENGINEER OFFICE

Subject: Waiver R-644 – Abandonment of Three Flowing Water Wells Located in  
 Dixie Valley

Dear Mr. Reed:

As per Division of Water Resources waiver number R-644, this letter presents a summary of the well abandonments performed the week of September 13, 2010 on behalf of Chugach Support Services, Fallon, NV.

Brooks Groundwater Consulting Inc. contracted Steve's Pumps and Well Drilling, Nevada driller license 2369, to perform the work. The well abandonments were performed by pumping neat cement through a tremie pipe from the bottom of each well up to the top of casing. All three wells were open and flowing, with the top of casings at or near land surface. In all three wells, the volume of cement injected exceeded the calculated well volume. One well, identified as Well 81C, was partially obstructed by a thick root mat located at approximately 3 feet below the top of casing. This root mat was removed prior to abandonment. Due to the lack of available drilling logs, the well screen and casing configurations could not be ascertained. Refer to Table 1 below for well locations, specifications and cement volumes.

**Table 1: Dixie Valley Well Abandonment Details**

Well ID	N (WGS84)	W (WGS84)	Twn, Rng, Sec, 1/4, 1/4	Diameter/ Depth	Casing Material	Calculated Well Volume	Volume of Cement
17I	39 42.120	118 04.763	T21N, R35E, S8, SWNW	6" / 100'	Steel	147 gal 20 ft <sup>3</sup>	403 gal 54 ft <sup>3</sup>
81C	39 41.218	118 05.499	T21N, R35E, S18, NESW	6" / 125'	Steel	184 gal 25 ft <sup>3</sup>	358 gal 48 ft <sup>3</sup>
82A	39 40.502	118 05.707	T21N, R35E, S19, SWNW L2	4" / 95'	Steel	62 gal 8 ft <sup>3</sup>	381 gal 51 ft <sup>3</sup>

In accordance with Nevada Revised Statute (NRS) 534.170 and Nevada Administrative Code (NAC) 534.340, copies of the Well Driller's Plugging Report have been prepared and are enclosed for your records.

Prior to demobilizing from Dixie Valley, BGW visually confirmed that the flow of water had been cut off from each of the three abandoned wells. No evidence of seeps or flowing groundwater was observed at Well 17I, 81C or 82A.

We hope that this summary letter and its enclosures provide you with the documentation that you require. If you have any comments or questions regarding this matter, please contact the undersigned.

Respectfully submitted,

**Brooks Groundwater Consulting, Inc.**



Courtney James Brooks, C.E.M, C.H.M.M.  
Hydrogeologist

Cc: Stacia Stone, Chugach Support Services

Enclosures: As stated

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