

TT16-SVED1

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

OFFICE USE ONLY 109046

Log No. _____

Permit No. _____

Basin 1st pg

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. 64324

1. OWNER Dept of Navy ADDRESS AT WELL LOCATION 4755 Pastor Rd
 MAILING ADDRESS 1220 Pacific Hwy Fallon, NV 89496
Sand Diego, CA 92132 Subdivision Name: _____ County: Churchill

2. LOCATION NW 1/4 SE 1/4 Sec 22(23) T 18 N R 29 E Latitude _____ UTM E 353900.185 NAD 27
 PERMIT/WAIVER No. _____ Longitude _____ N 4363355.509 NAD 83/WGS 84

Issued by Water Resources Parcel No. 006-611-01

3. WORKED PERFORMED New Well Replace Recondition
 Deepen Other

4. PROPOSED USE Extraction Irrigation Test Cable Rotary RVC
 Domestic Monitor Stock Air Other Auger
 Municipal/Industrial

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
<u>39.407427° N</u>				
<u>118.695969° W</u>				
<u>NAD 83</u>				
<u>(TA)</u>				
<u>See Attached Log</u>				

9. WELL CONSTRUCTION

Depth Drilled 8 Feet Depth Cased 8 Feet

HOLE DIAMETER (BIT SIZE)

From	To
<u>8</u> Inches	<u>0</u> Feet <u>8</u> Feet
_____ Inches	_____ Feet _____ Feet
_____ Inches	_____ Feet _____ Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>2</u>		<u>SCH. 40</u>	<u>0</u>	<u>8</u>

Perforations: manufactured

Type of perforation _____
 Size of perforation .020

From 3 feet to 8 feet
 From _____ feet to _____ feet

Annular Seal: Yes No

Neat Cement 0 to 1 1/2 Pumped Poured
 Cement Grout _____ to _____ Pumped Poured
 Concrete Grout _____ to _____ Pumped Poured
 ≥30% Bentonite Grout _____ to _____ Pumped Poured

Gravel Pack: Yes No 3 to 8 Pumped Poured
 Type: 2 1/2" sand

Bentonite Chips: Yes No 2' to 3' Pumped Poured
 Type: 3/8" chips

7. Water Level

Static water level: 8.5' feet below land surface

Artesian Flow: _____ G.P.M. _____ P.S.I.

Water Temperature: _____ °F

Quality: _____

8. WELL TEST DATA

TEST METHOD: Bailor Pump Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)

STATE ENGINEER OFFICE
 2009 NOV 5 PM 2:40

10. DRILLER'S CERTIFICATION

This well was drilled under my supervision and the report is true to the best of my knowledge.

Name Bregg Drilling + Testing Contractor
 Address 950 Howe Rd Contractor
Martinez, CA 94553

Nevada contractor's license number _____
 issued by the State Contractor's Board 623-0038113

Nevada driller's license number issued by the _____
 Division of Water Resources, the on-site driller M-2328

Signed Jason Haff
 Driller performing actual drilling on site or contractor

Date 10-18-09

BOREHOLE LOG

DATE: 10-6-09
 LOGGED BY: WILCOXON

Pg 2

Installation:

CTO:

BORING ID: TT16-SVE01

MW ID: TT16-SVE01

Sampler Type	Sample Interval	Time	Recovered/Driven (in./in.)	Blow Counts/6 in.	Physical Analysis	Chemical Analysis	PID Reading (ppm)	Well Construction Info	Depth (feet bgs)	USCS Type/Designation	Soil Description	% Gravel	% Coarse Sand	% Medium Sand	% Fine Sand	% Silt/Clay
		1420							0		0-5 HAND AUGER TO 5 FEET					
									1.0		0-2.5 SAND					
									2.0	SP						
									3.0		2.5-4.5 CLAY					
									4.0	CL						
									5.0	SP	4.5-5.0 SAND					
									5.0	SE	5.0-5.2 SAND olive brown (2.5/4/3) Fine grain, loose, some silt/clay damp					95
		5.0 1424 2.9/3.0							6.0	CL	5.2-6.0 CLAY, olive brown (2.5/4/3) blocky, dry, moist no odor					100
									6.0-7.2	SP	6.0-7.2 SAND light olive brown (2.5/5/3) grading to 2.5/5/4 loose					100
									7.0	SP	Fine grain, damp at top becoming saturated at 7.0, becoming silty at 7.0					70 30
									7.2-8.0	SM	7.2-8.0 SILTY SAND, olive brown (2.5/4/3) fine grain, visibly cohesive, wet, micaceous, possibly grading to sandy silt at 8.0					60 40
									8.0		TD at 8.0					40 60

STATE ENGINEERS OF ILLINOIS
 2009 NOV - 5 PM 2:40

RECEIVED