TT16-A501

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

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

OFFICE USE ONLY
Log No. 109049
Permit No.
Basin 101 pg 1

NOTICE OF INTENT NO. 64346

1. OWNER Dep't of Navy
MAILING ADDRESS 1220 Pacific Hwy.
San Diego CA 92132

ADDRESS AT WELL LOCATION 4755 Pastore Rd
Fallon, NV 89496
Subdivision Name: County: Churchill

2. LOCATION NW SE ¼ Sec 23 T 18 N/S R 29 E
PERMIT/WAIVER No. SE SW
Issued by Water Resources
Parcel No. 006-641-01

Latitude
Longitude
UTM E 353897.117 ☐ NAD 27
N 4366156. ☒ NAD 83/WGS 84

3. WORKED PERFORMED
☒ New Well ☐ Replace ☐ Recondition
☐ Deepen ☐ Other

4. PROPOSED USE
☐ Domestic ☐ Irrigation ☐ Test
☐ Municipal/Industrial ☒ Monitor ☐ Stock

5. WELL TYPE
☐ Cable ☐ Rotary ☐ RVC
☐ Air ☒ Other Auger

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
39.432650°N, 118.696616°W NAD 27 (A)				
See Attached Log				

Date started: 10-7-09 , 20
Date completed: 10-7-09 , 20

9. WELL CONSTRUCTION
Depth Drilled 20 Feet Depth Cased 20 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
8	Inches	0	Feet	20	Feet
	Inches		Feet		Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
2		SCH. 40	0	20

Perforations:
Type of perforation Manufactured
Size of perforation .020
From 18 feet to 20 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Annular Seal: ☒ Yes ☐ No

☒ Neat Cement	0 to 16	☐ Pumped	☒ Poured
☐ Cement Grout	to	☐ Pumped	☐ Poured
☐ Concrete Grout	to	☐ Pumped	☐ Poured
☐ ≥30% Bentonite Grout	to	☐ Pumped	☐ Poured

Gravel Pack: ☒ Yes ☐ No 18' to 20' ☐ Pumped ☒ Poured
Type: 2/16 Sand
Bentonite Chips: ☐ Yes ☐ No 16' to 18' ☐ 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: ☐ Bailer ☐ Pump ☐ Air Lift

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

STATE ENGINEERING 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 Gregg Drilling & Testing (Contractor)
Address 950 Howe Rd (Contractor)
Martinez CA 94553
Nevada contractor's license number issued by the *State Contractor's Board* 023-0038113
Nevada driller's license number issued by the Division of Water Resources, the *on-site driller* m-2328
Signed Jason Neff (Driller performing actual drilling on site or contractor)
Date 10-18-09

(Rev. 05-08)

USE ADDITIONAL SHEETS IF NECESSARY

LOG# 109049
pg 2

BOREHOLE LOG

Installation:
CTO:
BORING ID: TT16-AS01 **MW ID:** TT16-AS01

DATE: 10-6-09
LOGGED BY: WILCOXON

	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
			1000							0		Hand auger 0-1 ft					
												0-2 Sand					
										1.0		2-4 Clay					
												4-5 Sand					
										2.0							
										4.0							
5-8			10:10	2.8/3.0								5.0-7.7 SAND: olive brown (2.5Y 4/3)				100	0
										6.0		fine grain, loose, damp, trace fines mod					
												to mod well sorted, sub rnd					
												7.7-8.0 CLAY dark olive brown (2.5Y 3/3)					
												mod dns, blocky, v moist					
										8.0						5	95
8-12			1012	3.3/4.0								8.0-9.1 SAND olive brown (2.5Y 4/3)				90	10
												fine grain, dry at 8.0-8.3, then moist to 8.5					
												then wet, some fines, some mica, sub rnd, no odor				20	80
										10.0		9.1-~~10.7~~ 9.3 CLAY					
												9.3-11.1 SAND				95	5
												11.1-11.3 SILT olive brown (2.5Y 4/3) soft				35	65
												clayey, sand v. sandy, wet sand is v. fine					
												NO RECOVERY					
			1014	3.5/4.0						12.0		NOTE: 12-16 core interval - sleeve stuck.			5	55	40
12-16												Appears jammed on caliche interval at 12.0				5	95
												12.0-12.3 ~~Caliche~~ SANDSTONE: gray				95	5
										14.0		(5Y 6/1) dns, brittle, dry?, abnt					
												fines, poorsort, friable.					
												12.3-12.6 ~~SAND~~ CLAY dark grayish					
												brown (2.5Y 4/2), mod dns, sub blocky					
										16.0		acc sand, moist, no odor, some mica					
				1.5/4.0								12.6-15.5 SAND dk brown (2.5Y 4/3)				100	
16-20			1017									fine, some silt, loose, wet					
												16.0-17.5 SAND, ~~AA~~, no fines					
										18.0							
												NOTE: CLAY IN SHOE OF 16-20 interval					
												19.8-20.0 CLAY olive gray (5Y 4/1) dns					
												moist, ~~some~~ blocky.					

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