

OFFICE USE ONLY
 Log No. 63060
 Permit No. _____
 Basin. 101

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WELL DRILLER'S REPORT

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

NOTICE OF INTENT NO. 28816
 Fallon NAS
 Fallon, Nevada

1. OWNER Fallon Naval Air Station ADDRESS AT WELL LOCATION Fallon NAS
 MAILING ADDRESS Fallon, Nevada

2. LOCATION SW 1/4 SW 1/4 Sec. 22 T. 18 N/S R. 29 E CHURCHILL County
 PERMIT NO. M/10 1023 Issued by Water Resources Parcel No. _____ Subdivision Name _____

3. WORK PERFORMED
 New Well Replace Recondition
 Deepen Abandon 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	Thick-ness
Drk Brn loose silt silty sand/Drk brn clayey silt sand - Damp		2.0	3.0	
Mottled Brn/Gray clayey silt - Moist		3.0	8.5	
Interbedded Silts and sand, fine grain brn Clayey silt Drk Brn		8.5	11.5	
Mottled Drk Brn Clayey silt		16.0	22.0	
<u>MW 806E</u>				

8. WELL CONSTRUCTION
 Depth Drilled 22 Feet Depth Cased 22 Feet
 HOLE DIAMETER (BIT SIZE)
 From 8.25 Inches To 0 Feet 22 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	22

Perforations:
 Type perforation Slot
 Size perforation .020
 From 4 feet to 22 feet
 From _____ feet to _____ feet

Surface Seal: Yes No Seal Type:
 Depth of Seal 4 Neat Cement
 Placement Method: Pumped Cement Grout
 Poured Concrete Grout
 Gravel Packed: Yes No
 From 4 feet to 22 feet

9. WATER LEVEL
 Static water level 4.9' feet below land surface
 Artesian flow _____ G.P.M. _____ P.S.I.
 Water temperature _____ °F Quality _____

10. DRILLER'S CERTIFICATION
 This well was drilled under my supervision and the report is true to the best of my knowledge.

Name Western Strata Exploration, Inc. Contractor
 Address P.O. Box 1664 Contractor
West Sacramento, California 95691
 Nevada contractor's license number issued by the State Contractor's Board 0034236A
 Nevada driller's license number issued by the Division of Water Resources, the on-site driller M 1978
 Signed [Signature]
 By driller performing actual drilling on site or contractor
 Date May 23, 1996

7. WELL TEST DATA

TEST METHOD: <input checked="" type="checkbox"/> Bailer <input checked="" type="checkbox"/> Pump <input type="checkbox"/> Air Lift			
G.P.M.	Draw Down (Feet Below Static)	Time (Hours)	

WELL SUMMARY				Driller: Gordon A. Jensen	USCS	Profile
Depth in Feet	Sample Type & Number	Recovery/Drive (inches)	Blows per Foot			
0				12" lid		
0-3'				Cement seal	SM	Dark brown loose silt, silty sand, asphalt on surface White in color
1	SP/01	18/12	13 33			
2				Bentonite seal		Dark brown clayey silt-silty clay with organics and alkali discoloration - Damp
3-4'						
4				Water at 4.9' bs		
5	SP/02	18/18	7 20	5' - Blank	OL	Mottled brown to grey clayey silt with organics Moist
5-20'				10' - .002 Screen		
10	SP/03	18/18	5 16	#20 sand	SM	Interbedded silts and sands, sands are clean, fine in grain, silts have organics, brown in color
4-22'					ML	
15	SP/04	18/18	9 20		OL	Clayey silt, dark brown to light brown, organics are present
20	SP/05	18/18	5 31	Sump 20-22'	ML	Mottled dark brown to light clayey silt
25				Cap		
				Bottom of hole at 22' bs		
				Well set at 22' bs		
	All samples are grabs					
						<u>Readings taken after Well Devolpement</u> pH: <u>6.37</u> Temperature: <u>55.2</u> Conductivity: <u>Conductivity is higher than range on meter</u>

Drill Method: Hollow Stem Auger, 8.25" O.D. X 4.25" I.D.
 Sampling Method: California Modified Sampler/Grab
 Project No: N62474-95-D-3457
 Client: Engineering field Activity, West
 Location: Naval Air Station Fallon, Nevada

bs- Below Grade Surface
 Denotes Water Table