TE—DIVISION OF WATER RESOURCES
ARY—CLIENT'S COPY
K—WELL DRILLER'S COPY

RINT OR TYPE ONLY
O NOT WRITE ON BACK

STATE OF NEVADA
DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

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

OFFICE USE ONLY
Log No. 82219
Permit No.
Basin 179

NOTICE OF INTENT NO. 40018

1. OWNER Nevada Division of State Parks
MAILING ADDRESS 1300 S. Curry Street
Carson City, Nevada 89703-5202

ADDRESS AT WELL LOCATION
Ward Charcoal Ovens State Historic Park

2. LOCATION SE ¼ SE ¼ Sec. 26 T 14 N/S R 63 E White Pine County
PERMIT NO. W-532 Application No. 66113
Issued by Water Resources | Parcel No. | Subdivision Name

3. WORK PERFORMED
[X] New Well [ ] Replace [ ] Recondition
[ ] Deepen [ ] Abandon [ ] Other

4. PROPOSED USE
[X] Domestic [ ] Irrigation [ ] Test
[ ] Municipal/Industrial [ ] Monitor [ ] Stock

5. WELL TYPE
[ ] Cable [X] Rotary [ ] RVC
[X] Air [ ] Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Light Gray Clay	X	50	55	5
Medium Gray Tuffs	X	150	155	5
Quartz Sand	X	280	285	5
See attached log for lithology				

RECEIVED
00 DEC -1 AM 11:47
STATE ENGINEER'S OFFICE

Date started November 6, 2000
Date completed November 28 2000

7. WELL TEST DATA
TEST METHOD: [ ] Bailer [ ] Pump [X] Air Lift

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
Air Test	10	@ 50'	1
Air Test	15	@ 300'	1
Air Test	15	@ 400'	1
Pump installed - 1 H.P. 230V			
Single phase 5GS10412 Goulds			
Pump Set @ 378 Ft.			

8. WELL CONSTRUCTION
Depth Drilled 400 Feet Depth Cased 400 Feet

HOLE DIAMETER (BIT SIZE)

		From	To
10 Inches		0 Feet	400 Feet
Inches		Feet	Feet
Inches		Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
6 5/8	17.02	.250	0	400

Perforations:
Type perforation Factory
Size perforation 1/8" x 2½" 6 Rows
From 260 feet to 340 feet
From 360 feet to 380 feet
From feet to feet
From feet to feet
From feet to feet

Surface Seal: [X] Yes [ ] No
Depth of Seal 100 Feet
Placement Method: [X] Pumped [ ] Poured
Seal Type: [ ] Neat Cement [X] Cement Grout [ ] Concrete Grout

Gravel Packed: [X] Yes [ ] No
From 100 feet to 400 feet

9. WATER LEVEL
Static water level 49 Ft. 5 In. feet below land surface
Artesian flow G.P.M. P.S.I.
Water temperature 59 °F Quality Good

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name Christiansen Drilling, Inc. Contractor
Address 557 Ely Avenue Contractor
Ely, Nevada 89301
Nevada contractor's license number issued by the State Contractor's Board 14790
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 1793
Signed Rick Lewis By Gerald O. Christiansen
By driller performing actual drilling on site or contractor
Date November 28, 2000

(Rev. 3-91) USE ADDITIONAL SHEETS IF NECESSARY (O)-627

log # 82219

DRILL LOG

Page 1 of 1

Project: Ward Charcoal State Historic Park
Property: Willow Creek Camp Ground
Azimuth:
Angle:
Depth: 400 Feet
Hole No: 6" Water Well
Date: November 22, 2000
Drill Method: Air Hammer Rotary
Logged By: John Breitrick

Footage	Description	Vis. Log	Assay Au	Assay Ag	Geochemistry	
0 - 25	Light gray limestone alluvium					
25 - 60	Light gray clay from weathered tuff, biotite, quartz H20 @ 50'					
60 - 100	Medium gray aphanitic tuff, clayey, trace of carbonates					
	few very fine grained fragments					
100 - 185	Medium gray tuff, biotite, quartz, trace of carbonates,slightly clayey					
	H20 @150'					
185 - 220	Medium gray aphanitic tuff, extremely fine grained, biotite fragments,					
	rare quartz, trace of carbonates					
220 - 275	Light greenish gray tuff, abundant biotite, quartz, few limonite stains					
275 - 280	Medium gray aphanitic tuff					
280 - 285	Quartz sand (loose)					
285 - 315	Light greenish gray tuff, abundant biotite, quartz, few limonite stains					
	Makes 20 gallons per minute @ 295-300					
315 - 320	Tan calcareous sandstone & gray tuff, carbonates, quartz, biotite, limonite					
320 - 335	Medium gray aphanitic tuff					
335 - 345	Light greenish gray tuff, biotite, quartz, few limonite stains,					
	trace of carbonates					
345 - 365	Medium gray apahanitic tuff					
365 - 400	Light greenish gray tuff, abundant biotite & quartz					