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

PRINT OR TYPE ONLY
DO NOT WRITE ON BACK

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

OFFICE USE ONLY
Log No. 105417
Permit No.
Basin 153

NOTICE OF INTENT NO. 57974

1. OWNER: Lyon County
MAILING ADDRESS: 801 Overland Loop, Suite 201, Dayton, NV 89403

ADDRESS AT WELL LOCATION: Eldorado ASR Well #1, Dayton, NV
Subdivision Name: County: Lyon

2. LOCATION SE ¼ SE ¼ Sec 24 T 16N N/S R 21 E
PERMIT/WAIVER No. R-514 Permit ~~1847~~ 016-151-039
Issued by Water Resources R-018/74047 Parcel No.

Latitude ~~N39 23.036~~
Longitude ~~W119 56.576~~
UTM E
N
[x] ~~NAD 27~~
[ ] NAD 83/WGS 84

3. WORKED PERFORMED
[x] New Well [ ] Replace [ ] Recondition
[ ] Deepen [ ] Other

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

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

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Cobbles and Gravel		0	60	60
Volcanic Cobbles/Granite		60	90	30
Gravel w/Small Amount of Clay		90	120	30
Large Gravel & Cobbles		120	200	80
Consolidated Gravel & Clay		200	295	95
Boulders & Gravel		295	325	30
Clay & Boulders		325	330	5
Boulders & Gravel		330	380	50
Red Volcanic		380	420	40
N39.230364				
W 119.564660 NAD27				

Date started: 20-Jun, 20 06
Date completed: 10-Jul, 20 2006

9. WELL CONSTRUCTION
Depth Drilled 420 Feet Depth Cased 400 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
42	Inches	0	Feet	23	Feet
32	Inches	23	Feet	420	Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
36		.375	1	23
18		.312	2	185
18		.312	318	333

Perforations:
Type of perforation: Louvered
Size of perforation: 0.065
From 185 feet to 318 feet
From 333 feet to 380 feet
From 380 Blank feet to 400 Blank feet
From feet to feet
From feet to feet

Annular Seal: [ ] Yes [ ] No
[ ] Neat Cement to [ ] Pumped [ ] Poured
[x] Cement Grout 0 to 169 [x] Pumped [ ] Poured
[ ] Concrete Grout to [ ] Pumped [ ] Poured
[ ] ≥30% Bentonite Grout to [ ] Pumped [ ] Poured

Gravel Pack: [x] Yes [ ] No 173 to 420 [x] Pumped [ ] Poured
Type: 6 x 16 Mesh
Bentonite Chips: [x] Yes [ ] No 169 to 173 [x] Pumped [ ] Poured
Type: Baroid Hole Plug

7. Water Level
Static water level: 166 feet below land surface
Artesian Flow: NA G.P.M. P.S.I.
Water Temperature: Cool °F
Quality: Good

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

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
PL 308'	275	142	48

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name: Hydro Resources Nevada, Inc. dba Humboldt Drilling & Pump (Contractor)
Address: 4975 W. Winnemucca Blvd. Winnemucca, NV 89445 (Contractor)

WELL CONSTRUCTION
Nevada contractor's license number issued by the *State Contractor's Board*: 56797
Nevada driller's license number issued by the Division of Water Resources, the *on-site driller*: 1713
Signed: C. Jaynes Office HDP
By driller performing actual drilling on site or contractor
Date: 10/23/2006

(Rev. 05-06)

USE ADDITIONAL SHEETS IF NECESSARY