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. 97037
Permit No.
Basin 105

NOTICE OF INTENT NO. 56276

1. OWNER DOUGLAS COUNTY
MAILING ADDRESS P.O. BOX 218
MINDEN, NV 89423

ADDRESS AT WELL LOCATION TOPSY LANE
DOUGLAS COUNTY NORTH WELL #2

2. LOCATION SE 1/4 NW 1/4 Sec. 5 T 14 N/S R 20 E Douglas County
PERMIT NO. 70489
Issued By Water Resources | Parcel No. | Subdivision Name

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

4. PROPOSED USE
[ ] Domestic [ ] Irrigation [ ] Test
[X] Municipal/Indu [ ] Monitor [ ] Shock

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

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
fill dirt		0	10	10
coarse sand and gravel		10	30	20
sand		30	50	20
coarse sand with small gravel		50	60	10
sandy clay		60	70	10
coarse sand with clay layers		70	85	15
sand/gravel/clay		85	120	35
sandy clay		120	125	5
coarse sand with gravel 1"		125	165	40
coarse sand and clay		165	190	25
coarse sand		190	200	10
coarse sand and clay		200	218	18
sand and gravel to 1"		218	225	7
fine silty clay		225	255	30
coarse sand and clay		255	265	10
coarse sand and gravel		265	280	15
sandy clay		280	290	10
gravel with sand		290	300	10
sandy clay		300	310	10
red coarse sand and gravel		310	334	24
green silty clay		334	340	6
green and brown silty clay		340	350	10

Date Started March 28 2004
Date Completed April 5, 2004

7. WELL TEST DATA
TEST METHOD:
[ ] BAILER [x] PUMP [ ] AIR LIFT

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
4/17-18/05	307	67.74	24
Pumping Level 123.54			

8. WELL CONSTRUCTION
Depth Drilled 350 Feet Depth Cased 335 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
30	Inches	0	Feet	30	Feet
18	Inches	30	Feet	350	Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (inches)	Weight (pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
20		5/16 Conductor Pipe	0	30
10 3/4		1/4	+2	335
		3" Sch 40 Gravel Fill	+1	120
		2" Sch 80 Sounding Tube	+1	221

Type/Size Perforation: Wire Wrap Screen/Stainless Steel .060 Slot
From +2 feet to 134' Blank Mild Steel 1/4 Wall
From 134 feet to 221' Wire Wrap Stainless Steel .060 Slot 1/4
From 221 feet to 236' Blank Mild Steel 1/4 Wall
From 236 feet to 335' Wire Wrap Stainless Steel .060 Slot 1/4

Surface Seal: [X] Yes [ ] No
Depth of Seal 110
Seal Type: [ ] Neat Cement [X] Cement Grout [ ] Concrete Grout
Placement Method: [X] Pumped [ ] Poured
Gravel Packed: [X] Yes [ ] No
From 110 feet to 350 feet
From feet to feet

9. WATER LEVEL
Static Water Level 55.8 Below Top of Casing
Artesian flow G.P.M. P.S.I.
Water temperature Cool ○ 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 Hydro Resources Nevada Inc. dba Humboldt Drilling and Pump Co.
Address 4975 West Winnemucca Boulevard
Winnemucca, Nevada 89445
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 2177
Signed: C. Jaynes - Office Date: 6/1/05