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. 98099
Permit No.
Basin 153

NOTICE OF INTENT NO. 56303

1. OWNER Jim McDermott
MAILING ADDRESS HC62 Box 62182
Eureka, NV 89316

ADDRESS AT WELL LOCATION
Sadler Brown Road-Diamond Valley

2. LOCATION SE 1/4 SW Sec. 32 T 26 N/S R 53 E Eureka County
PERMIT NO. 72826T 72828T
Issued By Water Resources | Parcel No. | Subdivision Name

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

4. PROPOSED USE
[ ] Domestic [x] Irrigation [ ] Test
[ ] Municipal/Indust [ ] Monitor [ ] Shock

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

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Top Soil		0	2	2
Sandy Clay		2	17	15
Green Clay		17	30	13
Blue Sandy Clay		30	53	23
Coarse Sand w/Clay Layers		53	59	6
Green Clay		59	81	22
Clay w/Sand & Gravel & Layers		81	83	2
Coarse Sand, Gravel & Cobbles		83	133	50
Brown Clay w/Sand & Cobbles		133	140	7
Sand, Gravel w/Cobbles		140	170	30
Greenish-Gray Clay w/Coarse Sand		170	185	15
Gravel, Sands, Some Hard Clay		185	190	5
Rocks, Clay-Hard		190	192	2
Hard Rocks & Cobbles		192	195	3
Cobbles, Rock & Some Clay		195	198	3
Coarse Sand, Cobbles & Clay		198	210	12
Clay & Coarse Sand		210	230	20
Gravel, Cobbles, Coarse Sand		230	234	4
Coarse Sand, Clay, Cobbles		234	271	37
Clay & Sand Layers		271	278	7
Clay, Rocks, Cemented Sands		278	304	26

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Date Started July 8 2005
Date Completed July 9 2005

7. WELL TEST DATA

TEST METHOD:
[ ] BAILER [ ] PUMP [ ] AIR LIFT

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
Pumping Level 114'	1400	108	8

8. WELL CONSTRUCTION
Depth Drilled 304 Feet Depth Cased 300 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
36	Inches	0	Feet	50	Feet
24	Inches	50	Feet	304	Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (inches)	Weight (pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
30		NA	0	5
30		Corrugated	5	45
30		NA	45	50
16		0.250	+2	60

Type Perforation Mill Slot Double Row
Size Perforation 0.090
From 60 feet to 304 feet

Surface Seal: [x] Yes [ ] No
Depth of Seal 50
Seal Type: [ ] Neat Cement [x] Cement Grout [ ] Concrete Grout

Placement Method: [x] Pumped [ ] Poured

Gravel Packed: [x] Yes [ ] No
From 0 feet to 304 feet
From feet to feet

9. WATER LEVEL
Static Water Level 6 feet below land surface
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

NV Contractor's LIC# issued by the State Contractor's Board 56797
NV Driller's LIC# issued by Div. of Water Resources, on-site driller 2177

Signed: C. Jaynes - Office Date: 8/11/05