WHITE - DIVISION OF WATER RESOURCES
CANARY - CLIENT'S COPY
PINK - WELL DRILLER'S COPY

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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. 88652
Permit No.
Basin 087
NOTICE OF INTENT NO. 50227

1. OWNER Truckee Meadows Water Authority
MAILING ADDRESS PO Box 30013
Reno, NV 89520

ADDRESS AT WELL LOCATION Reed High School

2. LOCATION SW 1/4 NE 1/4 Sec. 34 T 20N N/S R 20 E Washoe County
PERMIT NO. 67851 (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/Industrial [ ] Monitor [ ] Stock

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

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Clay		0	8	
Sand		8	11	3
Sandy Clay		11	17	6
Sand, Gravel w/Clay		17	37	20
Clay		37	41	4
Sand		41	43	2
Clay		43	55	12
Sand, Gravel w/Clay		55	65	10
Sand		65	78	13
Sand w/Clay		78	80	2
Sand		80	83	3
Sand w/Clay		83	91	8
Brown Clay		91	99	8
Brown Clay w/Sand		99	102	3
Brown Clay		102	121	19
Coarse Sand		121	122	1
Brown Clay w/Sand		122	129	7
Clay		129	131	2
Brown Clay w/Sand		131	133	2
Clay		133	140	7
Clay w/Sand		140	162	22
Blue Clay		162	171	9
Brown Clay		171	174	3
Sand w/Clay		174	178	4

Continued on next page

RECEIVED 03 JAN 28 AM 10:43 STATE ENGINEERS OFFICE

Date started 12/6/2002, 19__
Date completed 1/15/03, 19__

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

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
P/L 180'	250	170	92 Hrs.

8. WELL CONSTRUCTION
Depth Drilled 525 Feet Depth Cased 460 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
36	Inches	0	Feet	40	Feet
22	Inches	40	Feet	525	Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
24 O.D.		.250	0	40
14 I.D.		.250	+2	460

Perforations:
Type perforation Louvered
Size perforation .100
From 200 feet to 240 feet
From 260 feet to 280 feet
From 320 feet to 360 feet
From 380 feet to 460 feet
From feet to feet

Surface Seal: [X] Yes [ ] No
Depth of Seal 100'
Placement Method: [X] Pumped [ ] Poured
Seal Type: [ ] Neat Cement [X] Cement Grout [ ] Concrete Grout
Gravel Packed: [X] Yes [ ] No
From 100 feet to 460 feet

* Note: 460-525 Neat Cement

9. WATER LEVEL
Static water level 10' feet below land surface
Artesian flow G.P.M. P.S.I.
Water temperature °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 Humboldt Drilling & Pump Co., Inc. (Contractor)
Address 4675 W. Winnemucca Blvd (Contractor)
Winnemucca, Nevada 89445
Nevada contractor's license number issued by the State Contractor's Board 015234
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 2177
Signed (By driller performing actual drilling on-site or contractor)
Date 1/27/03

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2. LOCATION SW 1/4 NE 1/4 Sec. 34 T 20N N/S R 20 E Washoe County
PERMIT NO. 67851 (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 _____

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Sand/Cemented		178		
Sand/Gravel			179	1
Sand & Clay		179	183	4
Sand & Gravel w/Clay		183	192	9
Sand & Gravel, Cobbles,		192		
Clay			197	5
Sand & Gravel, Broken		197		
Rock/Clay			201	4
Sand, Small Gravel		201		
w/Clay			204	3
Sand & Gravel		204	217	13
Sand		217	220	3
Sand & Clay		220	221	1
Sand & Broken Rock		221	222	1
Sand, Clay, Little		222		
Gravel			228	6
Sand & Cemented Sand		228	231	3
Sand & Cemented Sand		231		
w/Clay & Broken Rocks			236	5
Clay, Sand w/Gravel		236	242	6
Sand, Gravel, Clay		242		
w/Broken Rock			258	16
Broken Rock, Sand & Clay		258	259	1
Basalt		259	261	2

Continued on next page

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Date started _____, 19__
Date completed _____, 19__

7. WELL TEST DATA

TEST METHOD: ☐ Bailer ☐ Pump ☐ Air Lift

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)

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

HOLE DIAMETER (BIT SIZE)

	From	To
_____ Inches	_____ Feet	_____ Feet
_____ Inches	_____ Feet	_____ Feet
_____ Inches	_____ Feet	_____ Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)

Perforations:
Type perforation _____
Size perforation _____
From _____ feet to _____ feet
From _____ feet to _____ feet
From _____ feet to _____ feet
From _____ feet to _____ feet
From _____ feet to _____ feet

Surface Seal: ☐ Yes ☐ No
Depth of Seal _____
Placement Method: ☐ Pumped ☐ Poured
Seal Type: ☐ Neat Cement ☐ Cement Grout ☐ Concrete Grout

Gravel Packed: ☐ Yes ☐ No
From _____ feet to _____ feet

9. WATER LEVEL
Static water level _____ 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 Humboldt Drilling & Pump Co., Inc.
Contractor

Address 4675 W. Winnemucca Blvd
Contractor

Winnemucca, Nevada 89445

Nevada contractor's license number issued by the State Contractor's Board 015234

Nevada driller's license number issued by the Division of Water Resources, the on-site driller 2177

Signed _____
By driller performing actual drilling on-site or contractor

Date 1/27/03

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4. PROPOSED USE
☐ Domestic ☐ Irrigation ☐ Test
☐ Municipal/Industrial ☐ Monitor ☐ Stock

5. WELL TYPE
☐ Cable ☐ Rotary ☐ RVC
☐ Air ☐ Other _____

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Basalt, Sand, Broken		261		
Rock			262	1
Basalt w/Streaks of		262		
Clay, Small Fractures			267	5
Sand & Clay w/Broken		267		
Rock			291	24
Sand, Small Gravel		291		
w/Clay			292	1
Sand, Clay w/Broken Rock		292	300	8
Rock, Clay Streaks		300		
w/Sand			321	21
Fractured Rock w/Sand,		321		
Very Little Clay			332	11
Fractured Basalt		332	412	80
Fractured Basalt, Little		412		
Clay			465	53
Blue Rock w/Little Blue		465		
Clay			471	6
Blue Rock w/Sandy Clay		471	480	9
Blue Rock w/Gray Clay		480	492	12
Blue Clay w/Brittle Blue		492		
Rock			510	18
Blue Clay		510	525	15

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Date started _____, 19__
Date completed _____, 19__

7. WELL TEST DATA

TEST METHOD: ☐ Bailer ☐ Pump ☐ Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)

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

HOLE DIAMETER (BIT SIZE)

	From	To
_____ Inches	_____ Feet	_____ Feet
_____ Inches	_____ Feet	_____ Feet
_____ Inches	_____ Feet	_____ Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)

Perforations:
Type perforation _____
Size perforation _____
From _____ feet to _____ feet
From _____ feet to _____ feet
From _____ feet to _____ feet
From _____ feet to _____ feet
From _____ feet to _____ feet

Surface Seal: ☐ Yes ☐ No
Depth of Seal _____
Placement Method: ☐ Pumped ☐ Poured
Seal Type: ☐ Neat Cement ☐ Cement Grout ☐ Concrete Grout

Gravel Packed: ☐ Yes ☐ No
From _____ feet to _____ feet

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

10. DRILLER'S CERTIFICATION
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