

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

PRINT OR TYPE ONLY
DO NOT WRITE ON BACK

OFFICE USE ONLY
Log No. 45067
Permit No. _____
Basin 107

NOTICE OF INTENT NO. 26858

1. OWNER Jim Smith ADDRESS AT WELL LOCATION _____
MAILING ADDRESS 100 Burke Drive 1/2 mile NE of intersection of
Wellington, NV 89444 Burke and Jensen Road
2. LOCATION SE 1/4 NW 1/4 Sec 36 T 12 N S R 23 E Lyon County
PERMIT NO. 16628 Parcel No. _____ Subdivision Name _____
Issued by Water Resources

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	Thick-ness
Hard pan		0	4	4
Sand		4	6	2
Sandy clay		6	14	8
Sand		14	18	4
Clay		18	23	5
Sand		23	34	11
Gray clay		34	52	18
Hard brown clay w/ clay stringers		52	61	9
Gray clay		61	74	13
Gray sand & gravel w/ small clay stringers		74	126	52
Gray clay		126	135	9
Gray clay w/sand stringers		135	183	48
Clay		183	224	41
Black clay w/sand stringers		224	232	8
Gray clay/sand stringers		232	243	11
Sand & gravel		243	275	32
Clay		275	280	5
Sand & gravel		280	294	14
Clay		294	312	18
Sand & gravel w/brown sandy clay stringers		312	334	22
Gray clay		334	338	4
Sand & gravel w/small clay stringers		338	362	24
Gray clay		362	380	18

8. WELL CONSTRUCTION
Depth Drilled 385 Feet Depth Cased 365 Feet
HOLE DIAMETER (BIT SIZE)
From To
36 Inches 0 Feet 50 Feet
28 Inches 50 Feet 385 Feet
Inches Feet Feet
CASING SCHEDULE
Size O.D. (Inches) Weight/Ft. (Pounds) Wall Thickness (Inches) From (Feet) To (Feet)
16 42.05 .250 +2 100
16 42.05 .250 360 365
30 12 gauge culvert +2 50
Perforations: .060 HD screen .080 HD screen
Type perforation .080 triple slot
Size perforation .080 and .060
From 100'-160' feet to .060 screen feet
From 160'-230' feet to .080 mill slot feet
From 230'-270' feet to .080 screen feet
From 270'-290' feet to .060 screen feet
From 290'-310' feet to .080 mill slot feet
Surface Seal: Yes No Seal Type:
Depth of Seal _____ Neat Cement
Placement Method: Pumped Cement Grout
 Poured Concrete Grout
Gravel Packed: Yes No
From 0 feet to 365 feet

9. WATER LEVEL
Static water level 50 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 P.O. Box 590 Contractor
Winnemucca, NV 89446
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 1562
Signed C. E. Eppler
By driller performing actual drilling on site or contractor
Date 4-8-94

Date started March 23, 19 94
Date completed March 25, 19 94

7. WELL TEST DATA

TEST METHOD	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
<input type="checkbox"/> Bailed <input checked="" type="checkbox"/> Pump <input type="checkbox"/> Air Lift	<u>3000 gpm</u>	<u>205'</u>	<u>8</u>

