

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

OFFICE USE ONLY  
 Log No. 94074  
 Permit No. \_\_\_\_\_  
 Basin 107 *pg1*

PRINT OR TYPE ONLY  
 DO NOT WRITE ON BACK

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

NOTICE OF INTENT NO. 53047

OWNER KIM STEWART ADDRESS AT WELL LOCATION 60 ARTESIA  
 MAILING ADDRESS PO BOX 149  
SMITH VALLEY, NV 89430

2. LOCATION SW 1/4 SW 1/4 Sec. 27 T 12 N/S R 23 E LYON County  
 PERMIT NO. 70115 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	Thick-ness
Top Soil		0	3	
Silty sand		3	16	13
Sand & clay layers		16	22	6
Sand & gravel w/small cobbles		22	42	20
Sand & gravel w/clay layers		42	61	19
Tan clay w/sand streaks		61	68	7
Sand & gravel w/cobbles		68	76	8
Tan clay		76	85	9
Sand w/boulders		85	96	11
Sand & clay layers		96	111	15
Fine sand w/clay layers, isolated cobbles		111	121	10
Sand w/small gravel w/clay layers		121	125	4
Clay & sand w/cobbles		125	137	12
Dark clay w/sand streaks		137	149	12
Sand w/clay streaks, some gravel		149	168	19
Blue clay w/small sand streaks		168	204	36
Clay w/sand and gravel layers		204	207	3

Continued on next page  
 Date started 8/16/04, 19\_\_\_\_  
 Date completed 8/18/04, 19\_\_\_\_

7. WELL TEST DATA

TEST METHOD:	TEST METHOD: <input type="checkbox"/> Bailer <input type="checkbox"/> Pump <input type="checkbox"/> Air Lift		
	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
<u>8/25/04</u>	<u>1800</u>	<u>130.46</u>	<u>7 hrs</u>
<u>PL 178.79</u>			

8. WELL CONSTRUCTION  
 Depth Drilled 414 Feet Depth Cased 410 Feet  
 HOLE DIAMETER (BIT SIZE)  

Inches	From	To	Feet
<u>36</u>	<u>0</u>	<u>50</u>	<u>50</u>
<u>24</u>	<u>50</u>	<u>414</u>	<u>414</u>

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>30</u>		<u>.250</u>	<u>0</u>	<u>50</u>
<u>16</u>		<u>.250</u>	<u>+2</u>	<u>100</u>

Perforations:  
 Type perforation Mill Slot  
 Size perforation .090  
 From 100 feet to 410 feet  
 From \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 Surface Seal:  Yes  No Seal Type:  Neat Cement  Cement Grout  Concrete Grout  
 Depth of Seal 50'  
 Placement Method:  Pumped  Poured  
 Gravel Packed:  Yes  No  
 From 3 feet to 414 feet

9. WATER LEVEL  
 Static water level 48.33 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 56797  
 Nevada driller's license number issued by the Division of Water Resources, the on-site driller 1713  
 Signed *Jerry A. Long*  
 By driller performing actual drilling on-site or contractor  
 Date 9/1/2004

