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WELL DRILLER'S REPORT

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

NOTICE OF INTENT NO. 10949

1. OWNER U.S. Geological Survey
MAILING ADDRESS 2730 N. Deer Run Rd.
Carson City, NV 89701
ADDRESS AT WELL LOCATION N/A
2. LOCATION SE 1/4 NW 1/4 Sec. 23 T. 17 N/S R. 22 E Lyon County
PERMIT NO. MO-1503 016-021-030
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
Sand and gravel		0	49	49
Clay		49	55	6
Fractured volcanic rock	X	55	78	23
Fractured volcanic rock and clay	X	78	138	60
Clay and fractured volcanic rock		138	178	40

GPS - NAD 83
39.32454
119.48306

2008 SEP -9 PM 2:36
STATE OF NEVADA

8. WELL CONSTRUCTION
Depth Drilled 178 Feet Depth Cased 140 Feet
HOLE DIAMETER (BIT SIZE)
From To
8 3/4 Inches 0 Feet 178 Feet
Inches Feet Feet
Inches Feet Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
2	PVC	Sched 80	0	140

Perforations:
Type perforation Machine slot
Size perforation 0.01
From 110 feet to 140 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet
Surface Seal: Yes No Seal Type:
Depth of Seal 98 ft-30% solids Neat Cement
Placement Method: Pumped Bent. grout Cement Grout
 Poured 140-178 ft- Concrete Grout
Gravel Packed: Yes No Hole plug
From 98 feet to 140 feet

9. WATER LEVEL
Static water level 81 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 Douglas K. Maurer Contractor
Address USGS 2730 N. Deer Run Rd. Contractor
Carson City, NV 89701
Nevada contractor's license number issued by the State Contractor's Board
Nevada driller's license number issued by the Division of Water Resources, the on-site driller FP-1522
Signed Douglas K. Maurer
By driller performing actual drilling on site or contractor
Date 9/24/08

7. WELL TEST DATA

TEST METHOD: Bailer Pump Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
0.9	28	24

Log 106603



