

well #4 / 4
see also well #66238

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

OFFICE USE ONLY
Log No. 114813
Permit No. _____
Basin 184

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. 66237

1. OWNER Southern Nevada Water Authority ADDRESS AT WELL LOCATION Harbecke Ranch
MAILING ADDRESS 100 City Pkwy Suite 700, LV, NV89106 Well # SPR70351 (SPR70351)

2. LOCATION NW 1/4 SW 1/4 Sec 15 T 13N N/S R 67 E Latitude _____ UTM E 721,432 NAD 27
PERMIT/WAIVER No. 62594 625611 Longitude _____ N 4,318,814 NAD 83/WGS 84
Issued by Water Resources Parcel No. _____ Subdivision Name: _____ County: _____

3. WORKED PERFORMED New Well Replace Recondition Deepen 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 with silt and gravel		0	100	100
SAND with clay, silt and gravel	x	100	200	100
CLAY with silt and some gravel		200	320	120
SAND with silt	x	320	340	20
GRAVEL with clay	x	340	360	20
silty SAND	x	360	370	10
SAND with gravel and clay	x	370	380	10
GRAVEL with sand and clay	x	380	515	135

8. WELL CONSTRUCTION

Depth Drilled 515.0 Feet Depth Cased 510.4 Feet

HOLE DIAMETER (BIT SIZE)

From	To
42 Inches	0 Feet 100 Feet
26 Inches	100 Feet 515 Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
32		0.375	+1	97
16.625		0.375	+3	369.6
16.625		0.375	489.9	510.4

Perforations:

Type of perforation Louvered - Roscoe Moss
Size of perforation 0.094 x 2.375

From 369.6 feet to 489.9 feet
From _____ feet to _____ feet

Surface Seal: Yes No Seal Type: Neat Cement Cement Grout Concrete Grout
Depth of Seal 100
Placement Method: Pumped Poured
Gravel Packed: Yes No
From 515 feet to 0 feet

9. WATER LEVEL
Static water level 111.57 (Nov 1, 2011) 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 Gardner Brothers Drilling, Inc. Contractor
Address PO Box 965 Contractor
Enterprise, UT 84725
Nevada contractor's license number _____
issued by the State Contractor's Board 0068459
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 1710

Signed Dale Gardner By driller performing actual drilling on site or contractor
Date 12-2-11

Date started 14-Jul, 20 11
Date completed 25-Oct, 20 11

7. WELL TEST DATA

TEST METHOD: Bailor Pump Air Lift

Step	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
Step	500	220	2
Step	600	257	2
Step	700	295	2
Step	800	322	2

(Rev. 06/10)

USE ADDITIONAL SHEETS IF NECESSARY

2011 DEC 5 PM 10:32

38.990393°N NA027
114.442497°W Dec/Dec