

STATE OF NEVADA  
 DIVISION OF WATER RESOURCES

OFFICE USE ONLY  
 Log No. 99459  
 Permit No. \_\_\_\_\_  
 Basin 085

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. **57384**

1. OWNER Ken Hines  
 MAILING ADDRESS 200 Descanso Ln.  
Sparks, NV 89436

ADDRESS AT WELL LOCATION Valle Verde Spanish Springs

2. LOCATION NW 1/4 SE 1/4 Sec. 20 T 21N  
 PERMIT NO. \_\_\_\_\_  
 Issued by Water Resources \_\_\_\_\_ Parcel No. 076-690-36

N/S R 21E E Washoe County  
 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
Top soil		0	1	1
Brown sandy clay		1	13	12
Rusty sandy clay		13	16	3
Brown sandy clays		16	24	8
Rusty sandy clays		24	36	12
Brown sandy clays		36	116	80
Gray sandy clays		116	160	44
Brown sandy clays		160	266	106
Soft zone		266	267	1
Brown sandy clays		267	361	94
Reddish brown sandy clay		361	384	23
Brown volcanic rock		384	415	31
Purple volcanic rock		415	421	6
Soft zone		421	424	3
Purple volcanic rock		424	430	6
Black volcanic rock		430	455	25
Brown volcanic rock		455	519	64
Soft zone		519	521	2
Reddish brown volcanic rock		521	606	85
Red volcanic rock		606	612	6
Red volcanic		612	619	7
Fracture	X	619	620	1
Brown volcanic rock		620	635	15
Fracture	X	635	636	1
Rusty brown volcanic rock		636	660	24
Fracture	X	660	671	11
Brown volcanic rock		671	675	4

Washoe County Well Permit # WL 060047  
 Continued on next page

Date started 3/31/2006, 19\_\_  
 Date completed 4/10/2006, 19\_\_

7. WELL TEST DATA

TEST METHOD:	Bailer	Pump	Air Lift
G.P.M.	Draw Down (Feet Below Static)	Time (Hours)	
<u>20</u>		<u>3</u>	

8. WELL CONSTRUCTION

Depth Drilled 675 Feet Depth Cased 675 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
<u>10 5/8</u> Inches	<u>0</u> Feet	<u>50</u> Feet
<u>8 5/8</u> Inches	<u>50</u> Feet	<u>675</u> Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>6 5/8</u>	<u>12.92</u>	<u>.188</u>	<u>+2</u>	<u>675</u>

Perforations:  
 Type perforation Machine cut  
 Size perforation 3/32 x 3

From 610 feet to 670 feet  
 From \_\_\_\_\_ feet to \_\_\_\_\_ feet

Surface Seal:  Yes  No  
 Depth of Seal 50  
 Placement Method:  Pumped  Poured  
 Gravel Packed:  Yes  No  
 From 50 feet to 675 feet

Seal Type:  
 Neat Cement  
 Cement Grout  
 Concrete Grout

9. WATER LEVEL  
 Static water level 545 feet below land surface  
 Artesian flow \_\_\_\_\_ G.P.M. \_\_\_\_\_ P.S.I.  
 Water temperature Cool °F Quality Not tested

10. DRILLER'S CERTIFICATION  
 This well was drilled under my supervision and the report is true to the best of my knowledge.  
 Name Bruce MacKay Pump & Well Service, Inc.  
 Contractor  
 Address 1600 Mt. Rose Hwy  
 Contractor  
Reno, NV 89511  
 Nevada contractor's license number issued by the State Contractor's Board 23096  
 Nevada driller's license number issued by the Division of Water Resources, the on-site driller 923  
 Signed R. Bruce MacKay  
 By driller performing actual drilling on-site or contractor  
 Date 4/11/2006