

WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

Log No. 59362
 Rec. 19
 Well No. _____
 Permit No. _____
Do not fill in

Owner Frank Barber Driller Louis F. Evans

Address Rt. 1 Box 261 Las Vegas, Nevada Address 2020 Carroll N. Las Vegas Lic. No. 117

Location of well: 1/4 S.E. 1/4 Sec. 20, T21N/S, R62E, in Clark County
 or APN 161-30-801-048 3835 Lorraine Ln DSB

Water will be used for Domestic Total depth of well 100 ft.

Size of drilled hole 50' 12" 50' 10" Weight of casing per linear foot 11 lbs.

Thickness of casing 10 ga. Temp. of water _____

Diameter and length of casing 8" O.D. casing 100 ft.
(Casing 12" in diameter and under give inside diameter; casing 12" in diameter give outside diameter.)

If flowing well give flow in c.f.s. or g.p.m. and pressure _____

If nonflowing well give depth of standing water from surface 15 ft.

If flowing well describe control works _____
(Type and size of valve, etc.)

Date of commencement of well Sept. 26, 1958 Date of completion of well Sept. 29, 1958

Type of well rig Armstrong

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material	Water-bearing Formation, Casing Perforations, Etc.
0	4	4	blow sand	
4	18	14	gray sandy clay	
18	31	13	red clay & gravel (water)	Chief aquifer (water-bearing formation)
31	33	2	gravel	from <u>88</u> to <u>94</u> ft.
33	51	18	brown clay	Other aquifers <u>54</u> to <u>57</u>
51	54	3	brown clay & gravel	<u>68</u> to <u>74</u>
54	57	3	gravel (water)	
57	68	11	brown clay & gravel	
68	74	6	gravel (water)	
74	88	14	brown clay & gravel	
88	94	6	gravel (water)	
94	100	6	brown clay & gravel	First water at <u>18</u> feet.
PLUGGED BY GWMP 89170 ORIG PLUG LOG # 89170				Casing perforated
				from <u>50</u> to <u>100</u> ft.
				Size of perforations
				<u>1/4"</u> wide <u>6"</u> long

LOG OF FORMATIONS—Continued

From feet	To feet	Thickness	Type of material

CASING RECORD

Diam. casing	From feet	To feet	Length	"Remarks"—Seals, Grouting, Etc.
8"o.d.	0	100	100	gravel packed 50 ft.from 50 ft.to 100 ft.1½ yds.gravel cemented 50 ft.from 0 t o 50 ft.2 yds.cement

GENERAL INFORMATION—Pumping Test, Quality of Water, Etc.

WELL DRILLER'S STATEMENT

This well was drilled under my jurisdiction and the above information is true to my best information and belief.

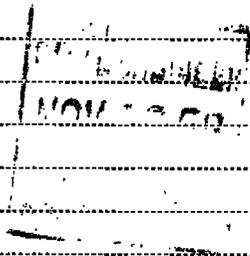
Signed Louis F. Evans
Well Driller

By Louis F. Evans

License No. 117

Dated Oct. 22, 19 58

(Not to be filled in by Driller)



Las Vegas Valley Groundwater Management Program

September 13, 2002

Gary & Barbara Kruegger
3835 Lorraine Lane
Las Vegas, NV 89120

21-62-30

Dear Mr. & Ms. Kruegger:

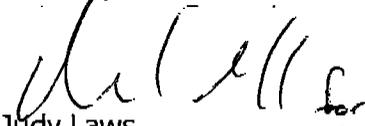
Re: WELL PLUGGING AND ABANDONMENT-- 3835 LORRAINE, LAS VEGAS, NV,-- APN # 161-30-801-048- GMP # 15615, WELL LOG # 59362

Thank you for your interest in the Las Vegas Valley Groundwater Management /Nevada Division of Water Resources (DWR) Unused Well Plugging and Abandonment Program. The DWR and the Las Vegas Valley Groundwater Management Program (LVV GMP) have partnered to identify and abandon groundwater wells that are not currently in use and pose a potential hazard to the groundwater aquifer if not properly abandoned. It has been determined that your well at 3835 Lorraine, Las Vegas, NV, will be approved for participation in the Grant Program. There is no charge to you for the plugging and abandonment under the Program.

I have enclosed a Plugging and Abandonment Fact Sheet for you. You will be contacted prior to construction by our contracting driller.

If you have any questions regarding your application for well plugging and abandonment or the Las Vegas Valley Groundwater Management Well Conversion Program, please feel free to telephone me at 822-3317.

Sincerely,


Judy Laws
Management Analyst

JL:pe

Enclosure

C: Robert Coache, Nevada Division of Water Resources
Randy Goodwill, Construction
Jason Mace, SNWA GMP

DCNR/DWR
RECEIVED

SEP 18 2002

LAS VEGAS OFFICE