APPENDIX C

WELL COMPLETION REPORTS

ORIGINAL
File with DWR

Page 1 of 2

Owner's Well No. 108

Date Work Began 1/29/01 Ended 9/12/01

Local Permit Agency San Bernardino County

Permit No. 2001010053 Permit Date 1/29/01

STATE OF CALIFORNIA
WELL COMPLETION REPORT
Refer to Instruction Pamphlet

No. 747056

DWR USE ONLY — DO NOT FILL IN
STATE WELL NO./STATION NO.
LATITUDE LONGITUDE
APN/TRS/OTHER

GEOLOGIC LOG

ORIENTATION (✓) X VERTICAL ___ HORIZONTAL ___ ANGLE ___ (SPECIFY)

DRILLING METHOD Reverse Circ FLUID water

DEPTH FROM SURFACE Ft.	to Ft.	DESCRIPTION *Describe material, grain size, color, etc.*
0	60	Top soil, sand, gravel
60	67	Sand, Gravel
67	97	Sand, gravel, Rock
97	117	Sand, gravel
117	137	sand, gravel, clay
137	157	sand, gravel
157	177	sand, gravel, some clay
177	187	sand, gravel, rock
187	227	sand, gravel
227	247	sand, clay
247	257	sand, some small gravel
257	277	sand, gravel
277	287	sand
287	297	sand, some clay
297	307	clay, sand
307	317	sand, gravel, some clay
317	357	sand, gravel
357	367	sand, clay
367	377	sand, gravel, clay
377	417	sand, gravel
417	447	sand, gravel, rock
447	457	sand, gravel, some clay
457	466	clay, sand
466	476	sand, clay, gravel
476	496	sand, clay
496	506	clay, sand
506	536	sand, clay
536	546	sand
546	606	sand, gravel
606	626	sand, clay

TOTAL DEPTH OF BORING 1030 (Feet)

TOTAL DEPTH OF COMPLETED WELL 1010 (Feet)

WELL OWNER

Name City of San Bernardino

Mailing Address 300 N. "D' St.

CITY San Bernardino STATE Ca. ZIP 92418

WELL LOCATION

Address 1306 G St.

City San Bernardino

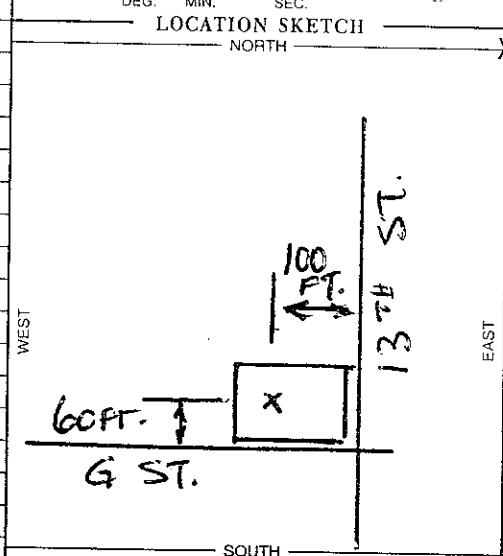
County San Bernardino

APN Book 0145 Page 193 Parcel 13-0

Township 1N Range 4W Section 33

Latitude 117 DEG. 18 MIN. SEC. NORTH Longitude 34 DEG. 7 MIN. 25 SEC. WEST

LOCATION SKETCH



Illustrate or Describe Distance of Well from Roads, Buildings, Fences, Rivers, etc. and attach a map. Use additional paper if necessary. ***PLEASE BE ACCURATE & COMPLETE.***

ACTIVITY (✓)

___ NEW WELL

MODIFICATION/REPAIR
___ Deepen
___ Other (Specify)

___ DESTROY *(Describe Procedures and Materials Under "GEOLOGIC LOG")*

PLANNED USES (✓)
WATER SUPPLY X
___ Domestic ___ Public
___ Irrigation ___ Industrial
MONITORING ___
TEST WELL ___
CATHODIC PROTECTION ___
HEAT EXCHANGE ___
DIRECT PUSH ___
INJECTION ___
VAPOR EXTRACTION ___
SPARGING ___
REMEDIATION ___
OTHER (SPECIFY) ___

WATER LEVEL & YIELD OF COMPLETED WELL

DEPTH TO FIRST WATER ___ (Ft.) BELOW SURFACE

DEPTH OF STATIC WATER LEVEL 185 (Ft.) & DATE MEASURED 6/21/01

ESTIMATED YIELD* 3500 (GPM) & TEST TYPE pump

TEST LENGTH 173 (Hrs.) TOTAL DRAWDOWN 36 (Ft.)

** May not be representative of a well's long-term yield.*

CASING (S)

DEPTH FROM SURFACE Ft.	to Ft.	BORE-HOLE DIA. (Inches)	TYPE (✓) BLANK	SCREEN	CON-DUCTOR	FILL PIPE	MATERIAL / GRADE	INTERNAL DIAMETER (Inches)	GAUGE OR WALL THICKNESS	SLOT SIZE IF ANY (Inches)
0	60	48			X		MS	42	.375	
0	310	38	X	X			MSxSSWW	4x2	.250	.020
0	510	38	X	X			MSxSSWW	4x2	.250	.020
0	510	38	X				RM CB	20	.3125	
510	590	36		X			RM CB FF	20	.3125	.070
590	670	36	X				RM CB	20	.3125	

ANNULAR MATERIAL

DEPTH FROM SURFACE Ft.	to Ft.	TYPE CE-MENT (✓)	BEN-TONITE (✓)	FILL (✓)	FILTER PACK (TYPE/SIZE)
0	60	X			10sackcemen
0	290	X			10 sack
290	450			X	1/4x16Kellar
450	490		X		bentonite sa
490	1020			X	1/4x16 Kella

ATTACHMENTS (✓)

___ Geologic Log
___ Well Construction Diagram
___ Geophysical Log(s)
___ Soil/Water Chemical Analyses
___ Other

ATTACH ADDITIONAL INFORMATION, IF IT EXISTS.

CERTIFICATION STATEMENT

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.

NAME Layne Christensen Company
(PERSON, FIRM, OR CORPORATION) (TYPED OR PRINTED)

ADDRESS 11001 Etiwanda Ave. CITY Fontana STATE Ca. ZIP 92337

Signed [signature] WELL DRILLER/AUTHORIZED REPRESENTATIVE DATE SIGNED 9/13/01 C-57 LICENSE NUMBER 510011

DWR 188 REV. 11-97

IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

ORIGINAL
File with DWR
Page 2 of 2

STATE OF CALIFORNIA
WELL COMPLETION REPORT
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No. 747057

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LATITUDE LONGITUDE
APN/TRS/OTHER

Owner's Well No. 108
Date Work Began 1/29/01, Ended 9/12/01
Local Permit Agency San Bernardino County
Permit No. 2001010053 Permit Date 1/29/01

GEOLOGIC LOG

ORIENTATION (✓) X VERTICAL ___ HORIZONTAL ___ ANGLE ___ (SPECIFY)
DRILLING METHOD reverse circ FLUID water

DEPTH FROM SURFACE Ft.	to Ft.	DESCRIPTION *Describe material, grain size, color, etc.*
~~0~~	~~60~~	~~XXXXXXXXXXXXXXXXXXXXXXXX~~
626	646	clay, sand
646	676	sand, clay
676	686	sand
686	755	sand, gravel
755	835	sand, gravel
825	845	~~sam~~ sand, clay
845	914	sand, gravel
914	954	sand, gravel
954	964	sand, gravel, some clay
964	984	sand, gravel
~~984~~	~~1014~~	~~sand, gravel~~
984	994	sand, gravel, some clay
994	1014	sand, gravel

TOTAL DEPTH OF BORING 1030 (Feet)
TOTAL DEPTH OF COMPLETED WELL 1010 (Feet)

WELL OWNER

Name City of San Bernardino
Mailing Address 300 N. "D" St.
San Bernardino Ca 92418
CITY STATE ZIP

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County San Bernardino
APN Book 0145 Page 193 Parcel 13-0
Township 1N Range 4W Section 33
Latitude 117 18 NORTH (DEG. MIN. SEC.) Longitude 34 7 25 WEST (DEG. MIN. SEC.)

LOCATION SKETCH

NORTH
WEST EAST
SOUTH

Illustrate or Describe Distance of Well from Roads, Buildings, Fences, Rivers, etc. and attach a map. Use additional paper if necessary. ***PLEASE BE ACCURATE & COMPLETE.***

ACTIVITY (✓)

X NEW WELL
MODIFICATION/REPAIR
___ Deepen
___ Other (Specify)
___ DESTROY *(Describe Procedures and Materials Under "GEOLOGIC LOG")*

PLANNED USES (✓)

WATER SUPPLY X
___ Domestic ___ Public
___ Irrigation ___ Industrial
MONITORING ___
TEST WELL ___
CATHODIC PROTECTION ___
HEAT EXCHANGE ___
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REMEDIATION ___
OTHER (SPECIFY) ___

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CASING (S)

DEPTH FROM SURFACE Ft.	to Ft.	BORE-HOLE DIA. (Inches)	TYPE (✓) BLANK	SCREEN	CON-DUCTOR	FILL PIPE	MATERIAL / GRADE	INTERNAL DIAMETER (Inches)	GAUGE OR WALL THICKNESS	SLOT SIZE IF ANY (Inches)
670	1000	36x30		X			RM CB FF	20	.3125	.070
1000	1010	30	X				RM CB	20	.3125	

ANNULAR MATERIAL

DEPTH FROM SURFACE Ft.	to Ft.	TYPE CE-MENT (✓)	BEN-TONITE (✓)	FILL (✓)	FILTER PACK (TYPE/SIZE)

ATTACHMENTS (✓)

___ Geologic Log
___ Well Construction Diagram
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