Well No	App No	Sec	Subdivision	Tp.	Rg.	Cultivated Acreage	Description of Culture	Notes
10	12599	33	NW¼ NE¼	2S	35E	25	Alfalfa	Supplementing
11	12600	33	NE¼ NE¼	"	"	25	"	21.312 c.f.p.s.
12	12601	33	SE¼ NE¼	"	"	25	"	is a due to
13	12640	34	NE¼ NE¼	"	"	40	"	low stream
	"	34	NW¼ NE¼	"	"	10	"	flow.

No. 10 WELL

DIAM 22" TO 200 ft
18⅝" TO 401 ft.

Test 160 GPM

Depth	Material
18	Sand & Silt
	Clay & Boulders
32	
Water 42, Sand 44	Gravel
56	Brown Clay
62	Coarse Sand & Gravel
78	Hard Brown Clay
95	Coarse Sand
115	Conglomerate
120	Coarse Sand
	Conglomerate
142	
148	Coarse Sand & Gravel
	Conglomerate
194	
204	Sand & Gravel
	Brown Clay & Boulders
252	
Water 265	Sand, Gravel & Boulders
	Very Hard Conglomerate
346	
358	Coarse Gravel (tight)
370	Dark Brown Clay
	Hard Packed Boulders & Sand
401	

No. 11 WELL

DIAM 22" TO 190 ft

Test 200 GPM

Depth	Material
30	
	Sand & Silt
Water 48, Sand 50	
52	
Water 62	Coarse Sand
86	
Water 88	Coarse Gravel
104	Brown Clay
Water 130, 150	Coarse Sand & Gravel
	Conglomerate

No. 12 WELL

DIAM 22" TO 360 ft.
18⅝" Casing TO 446

Test 270 GPM

Depth	Material
	Top Soil & Silt
Water 42, Sand 44	
58	Sand & Gravel
62	Clay & Boulders
76	Fine Sand & Gravel
82	Yellow Clay & Boulders
	Coarse Sand
102	
144	
150	Brown Clay
Water 156, 162	Clay & Boulders, Fine Sand
	Hard Brown Clay
194	
Water 204	Fine Sand
	Conglomerate
Water 224, 229	Fine Sand
	Hard Brown Clay
255	
	Conglomerate
276	
	Brown Clay
306	
Water 313	Fine Sand
324	Conglomerate
	Brown Clay
354	
	Conglomerate
412	
Water 428	Coarse Gravel & Rock
446	Hard Conglomerate

No. 13 WELL

DEPTH 1010 ft.
22" TO 150 ft 14" Casing
8" Casing 150 TO 800 ft.

Depth	Material
	Top Soil, Silt Sand
40	
62	Sand & Gravel
72	Hard Brown Clay
	Coarse Sand
94	
	Conglomerate
116	
122	Coarse Sand
	Conglomerate
150	Bottom of 14" Casing
	Heavy Brown Clay
174	Coarse Sand
180	Brown Clay & Boulders
188	
	Conglomerate
300	
314	Coarse Sand, Firm
324	Conglomerate
800	Bottom of 8" Casing

22" Hole 14" Casing

8" PIPE PERFORATED TO 800 ft

All Conglomerate From 324 to 810 ft

No. 13 WELL CONT'D

Test 200 GPM

Depth	Material
800	
812	Conglomerate
	Brown Clay Streaked with White Clay & Sand
858	
Water 888	Coarse Sand and Gravel Shows Good Pressure
895	
	Very Hard Conglomerate
915	
Water 960	All Sand, Fine & Coarse Good Pressure Hard to Hold Back
	Very Hard Like Solid Rock
1010	Bottom of Well Solid Like Bed Rock

NOTE:- SEE NEXT COL. FOR CONTINUATION

LOGS OF WELLS NO'S 10, 11, 12 and 13
APPLICATIONS No's 12599, 12600 12601 & 12640 (respectively)

SCALE 1" = 50 ft VERT

SKETCH OF PUMPS

G.E. MOTORS
15 HP. ON WELL No 10 POMONA PUMP
7½ HP ON WELL No 11 PEERLESS "
10 HP ON WELL No 12 POMONA "
7½ HP ON WELL No 13 PEERLESS "

6" Discharge on Well #10
5" " " Wells #11 & 12 & 13

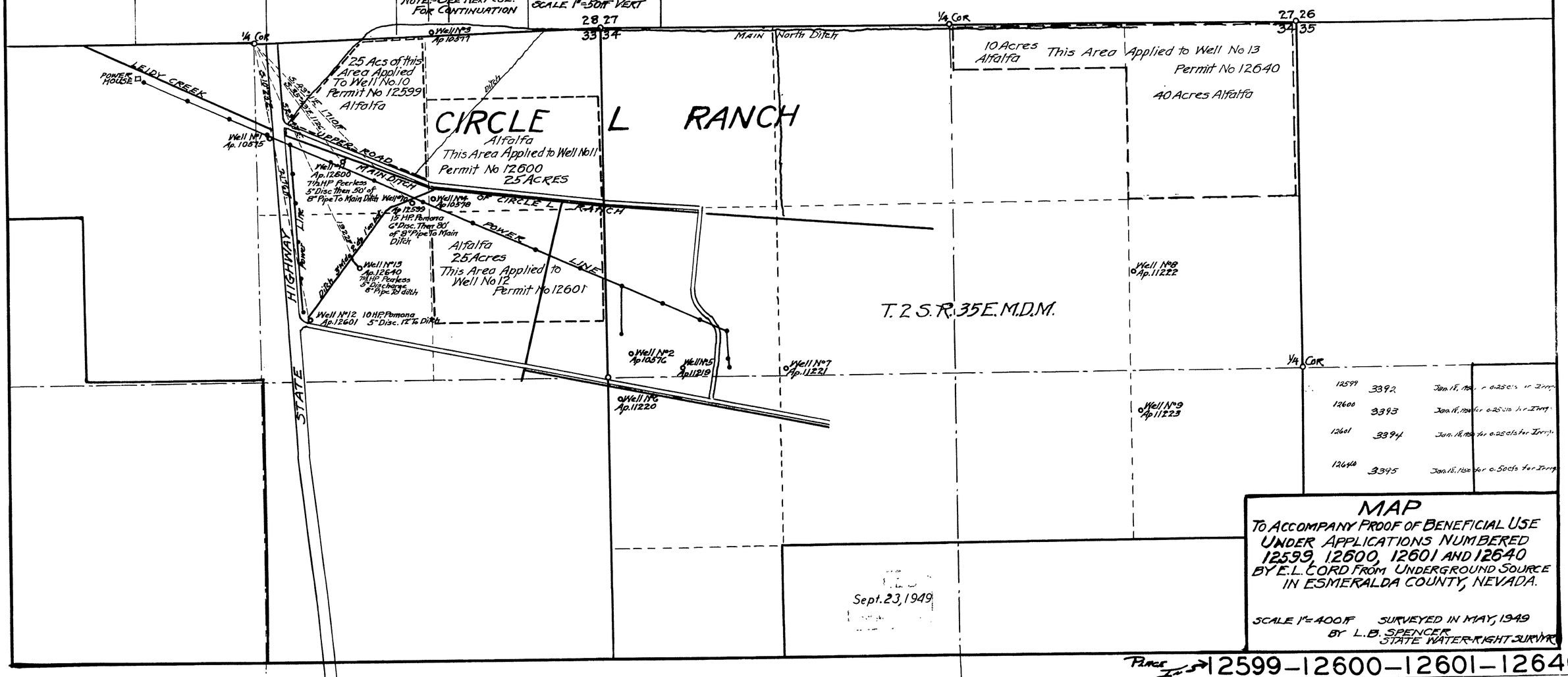
State of Nevada }
County of Mineral } ss.

I, L.B. Spencer, being duly sworn, depose and say that this map has been correctly drawn to the designated scale from the field notes of a survey made by me on the 17th day of May, 1949; that it truly and correctly shows the location and extent of the works used to divert water from Underground source in Esmeralda County, by E.L. Cord for irrigation purposes under Applications No. 12599, 12600, 12601 and 12640. That the points of diversion, Well No. 10, No. 11, No. 12 and No. 13, respectively, the location, size, of pipe and diverting channels, logs of wells, and pumping equipment, are fully shown. The location of the lands owned by the applicant upon which water applied for under the above applications is used, together with the area and kind of culture in each 40 acre subdivision; the location and names of all other works, streams and wells which will be connected with the general irrigation system, are fully and correctly shown hereon.

State Water-Right Surveyor

Subscribed and sworn to before me this 6th day of August, 1949

Notary Public in and for Mineral County Nevada.



MAP

TO ACCOMPANY PROOF OF BENEFICIAL USE UNDER APPLICATIONS NUMBERED 12599, 12600, 12601 AND 12640 BY E.L. CORD FROM UNDERGROUND SOURCE IN ESMERALDA COUNTY, NEVADA.

SCALE 1" = 400 ft SURVEYED IN MAY, 1949
BY L.B. SPENCER
STATE WATER-RIGHT SURVEYOR

Place In S 12599-12600-12601-12640