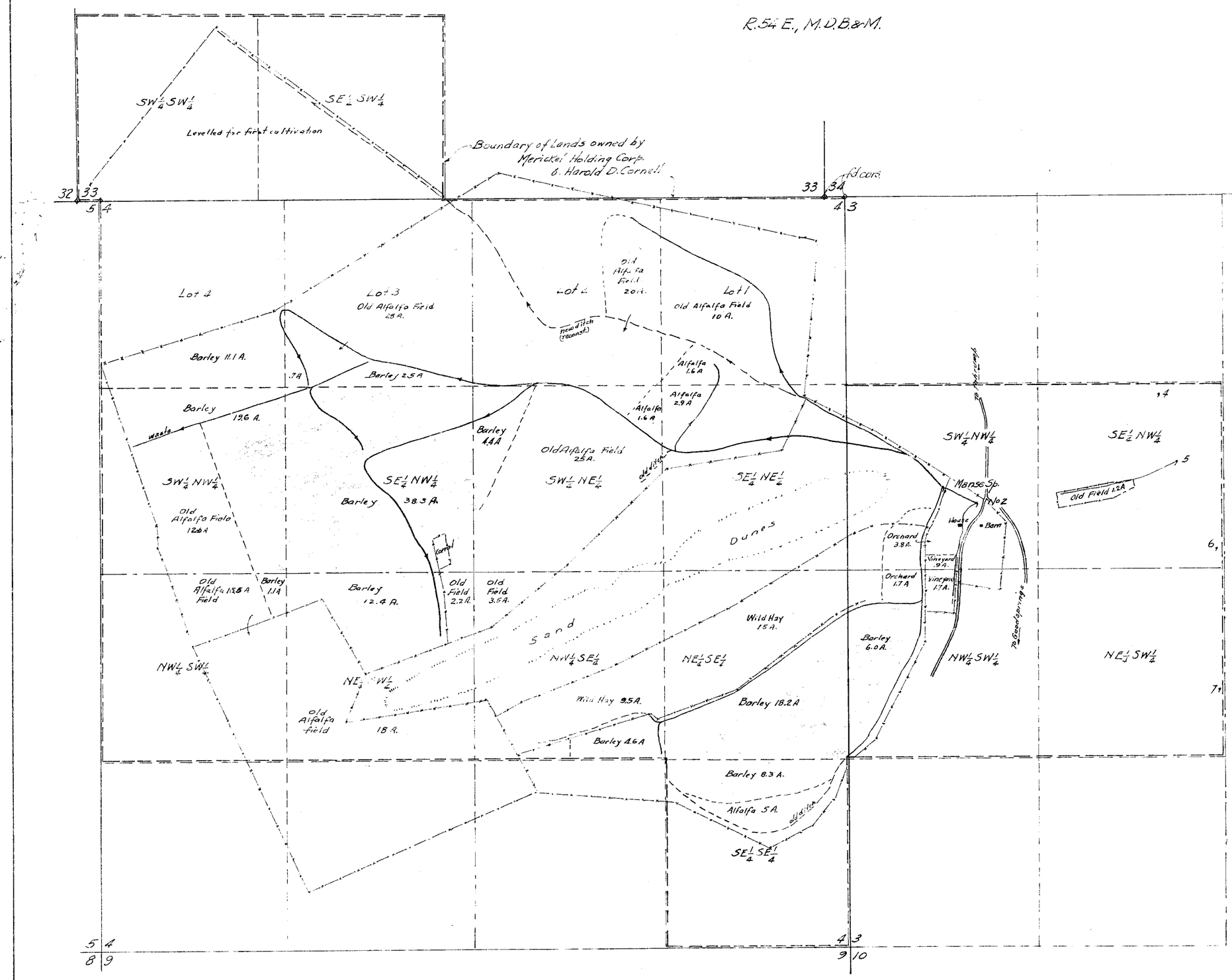
SECTION	SUB-DIVISION	TOWN-SHIP	RANGE	CULTIVATED ACREAGE	DESCRIPTION OF CULTURE	DATE OF FIRST CULTURE
3	SW¼ NW¼	21S.	54E.	5.8	Orchard	
				0.9	Vineyard	
	NW¼ SW¼			1.7	Orchard	
				1.7	Vineyard	
				6.0	Barley	
	SE¼ NW¼			1.8	old Alfalfa	
4	Lot 1			1.6	Alfalfa	
				10.0	old Alfalfa	
	SW¼ NE¼			1.6	Alfalfa	
	Lot 2			30.0	old Alfalfa	
	Lot 3			3.2	Barley	
				28.0	old Alfalfa	
	Lot 4			11.1	Barley	
	SE¼ NE¼			2.9	Alfalfa	
	SW¼ NE¼			4.4	Barley	
				28.0	old Alfalfa	
	SE¼ NW¼			33.3	Barley	
	SW¼ NW¼			19.6	Barley	
				12.0	old Alfalfa	
	NE¼ SE¼			18.2	Barley	
				13.0	old Hay	
	NW¼ SE¼			3.6	Barley	
				9.5	old Hay	
	NE¼ SW¼			12.4	Barley	
				13.0	old Hay	
	NW¼ SW¼			1.1	Barley	
				13.0	old Alfalfa	
	SE¼ NE¼			3.2	Barley	
				5.0	old Alfalfa	
TOTAL				300.6		ACRES



STATE OF NEVADA } ss.
County of Clark

I. C. D. Baker, being first duly sworn, depose and say that this map, consisting of one sheet, has been correctly drawn to the designated scale from field notes of a survey made by me on the 1st day of January 1937; that it truly and correctly represents the location and extent of the works used to divert water from Manse Springs in Nye County by Merickel Holding Corporation, Harold D. Cornell and their grantors, for irrigation and domestic purposes; that all other works or streams which are crossed by or connected with said works, and the boundary, area and kind of culture of lands now and heretofore irrigated, are correctly shown and designated thereon.

C. D. Baker,
STATE WATER RIGHT SURVEYOR.

Subscribed and sworn to before me this 15th day of April, 1937. C. W. Yates
NOTARY PUBLIC IN AND FOR CLARK COUNTY, NEVADA

My commission expires Oct. 7, 1937.

SCALE 1 in. = 400 FT.

400 0 400 800 1200

Size and grades of diversion Channel:
Cross section and grade of diversion channel varies to an extent which prohibits showing overage sections and grades. The bottom width varies from 1' to 3', the top width from 3' to 7', the depth from 1' to 4', and the grade from 1' in 100' to 3' in 100'. Discharge measurements were made with standard rectangular weir, and are shown in accompanying table.

FLOW OF SPRINGS

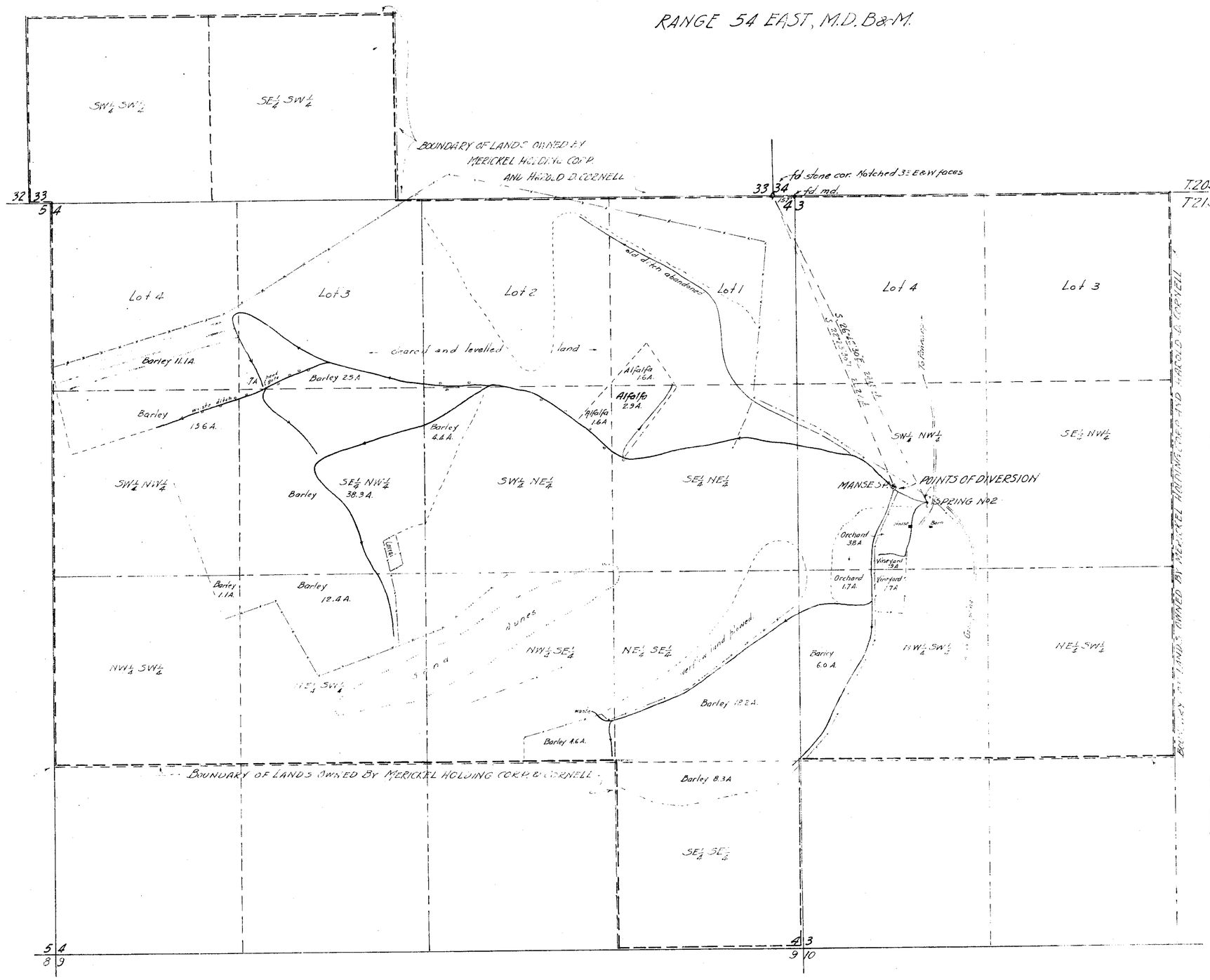
Manse Spring	2.330 c.f.s.
No 2	.682 "
4	.020 "
5	.046 "
6	.009 "
7	.011 "
Total Flow	3.098 "

AMENDED
MAP TO ACCOMPANY PROOF OF APPROPRIATION FOR IRRIGATION & DOMESTIC USE
BY
MERICKEL HOLDING CORP'N & HAROLD D. CORNELL
FROM
MANSE SPRINGS

02287

02287

SECTION	SUB-DIVISION	TOWNSHIP	RANGE	CULTIVATED ACREAGE	DESCRIPTION OF CULTURE	DATE OF FIRST CULTURE
3	SW¼ NW¼	21S	54E	3.8	Orchard	
				0.9	Vineyard	
	NW¼ SW¼			1.7	Orchard	
				.7	Vineyard	
				6.0	Barley	
4	Lot 1			1.6	Alfalfa	
	SW¼ NE¼			1.6	Alfalfa	
	Lot 3			3.2	Barley	
	Lot 4			11.1	Barley	
	SE¼ NE¼			2.3	Alfalfa	
	SW¼ NE¼			4.4	Barley	
	SE¼ NW¼			38.3	Barley	
	SW¼ NW¼			13.6	Barley	
	NE¼ SE¼			13.2	Barley	
	NW¼ SE¼			4.6	Barley	
	NE¼ SW¼			12.4	Barley	
	NW¼ SW¼			1.1	Barley	
	SE¼ SE¼			8.3	Barley	
TOTAL				141.4	ACRES	



STATE OF NEVADA } ss.
County of Clark

I, C.D. Baker, being first duly sworn, depose and say that this map, consisting of one sheet, has been correctly drawn to the designated scale from field notes of a survey made by me on the 13th day of December, 1936; that it truly and correctly represents the location and extent of the works used to divert water from Manse Springs in Nye County by Merickel Holding Corporation and Harold D. Cornell for irrigation and domestic purposes. That all other works or streams which are crossed by or connected with said works, and the boundary, area and kind of culture of lands irrigated, are correctly shown and designated thereon.

C.D. Baker
STATE WATER RIGHT SURVEYOR

Subscribed and sworn to before me this 16th day of December, 1936.

C.W. Slater
NOTARY PUBLIC IN AND FOR CLARK COUNTY NEVADA.

My Commission Expires Oct 7, 1937

Jan. 6, 1937

SCALE 1 in. = 400 FT.

400 0 400 800 1200

SIZE AND GRADES OF DIVERSION CHANNEL

Cross section and grade of diversion channel is variable to an extent which prohibits showing average sections and grades. The bottom width varies from 1' to 3', the top width from 3' to 7', the depth from 1' to 4', and the grade from 1' in 100' to 3' in 100'. Discharge measurements of 3.25 sec. ft. indicate probable flow which can be delivered to the land.

02287

MAP TO ACCOMPANY
PROOF OF APPROPRIATION
FOR
IRRIGATION & DOMESTIC USE
BY
MERICKEL HOLDING CORPORATION
& HAROLD D. CORNELL
FROM
MANSE SPRINGS

02287