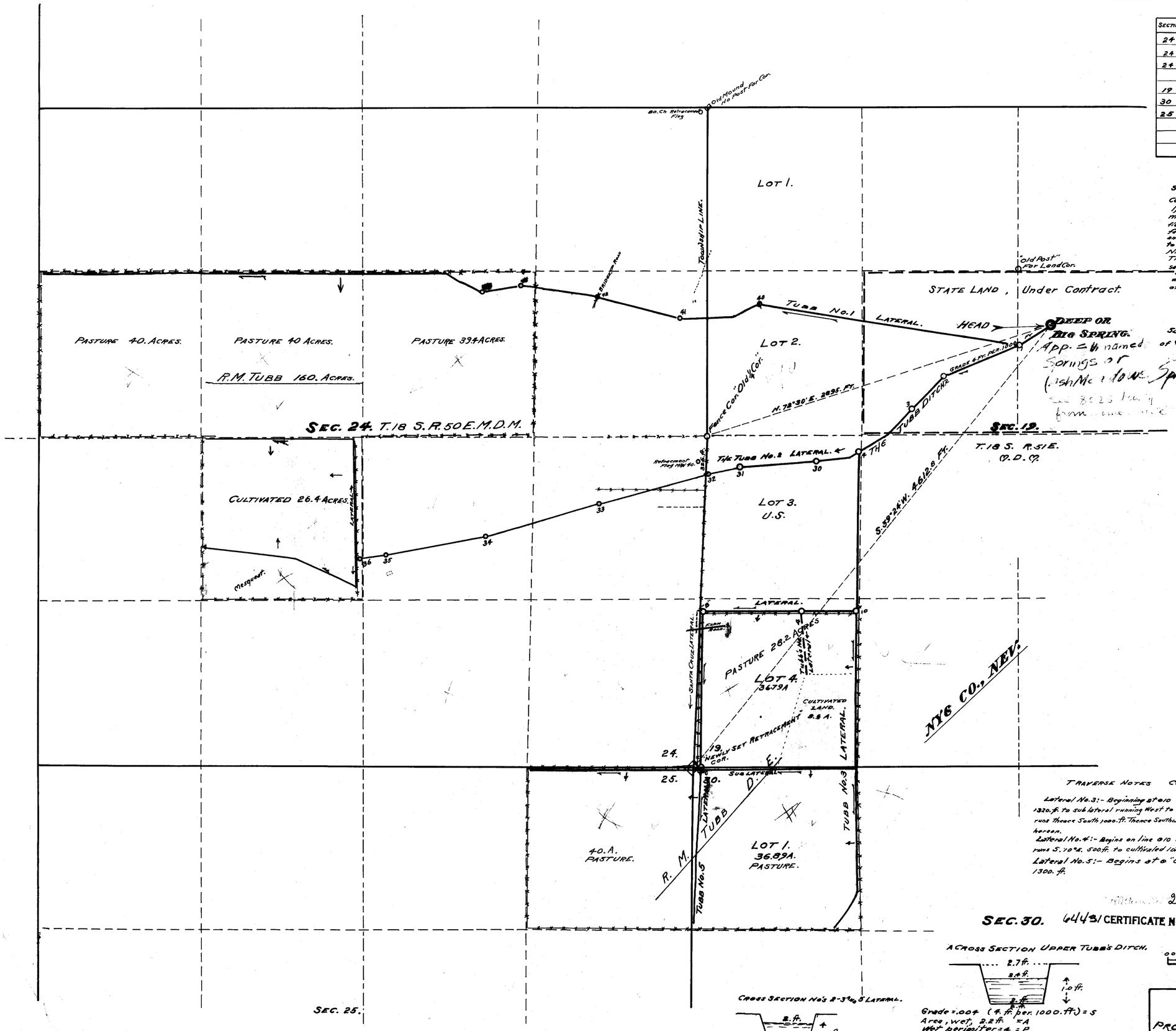
Section	Subdivision	Tp.	Range	Cultivated Acreage.	Description of Culture	Date of First Culture.
24	SW¼ NE¼	18S.	R.50E.M.D.M.	39.4 Acres.	Cleared Pasture	
24	S.½ of N.W.¼	18S.	R.50E.	80. Acres	Cleared Pasture	
24	N.W.¼ S.W.¼	18S.	R.50E.	26.4 Acres	Corn Alf. Rotation.	
19	Lot 4	18S.	R.51E.	8.5 Acres.	Rotation.	
30	Lot 1	18S.	R.51E.	36.89 Acres.	Cleared Pasture	
25	N.E.¼ N.E.¼	18S.	R.50E.	40. Acres	Cleared Pasture.	



State Of Nevada, } ss.
County Of Nye.

I, Charles G. Walker, being first duly sworn, depose and say that this map, has been correctly drawn to the designated scale, from field notes of a survey made by me between the 22nd day of February, 1934 and the 27th day of June, 1934; that it truly and correctly represents the location and extent of the works to divert water from Big or Deep Spring, in Ash Meadows, Nye County, Nevada, By R. M. Tubb for Irrigation purposes. That all other works or streams which are crossed or connected with said works, and the boundary, area and kind of culture of lands irrigated, are correctly shown and designated hereon. The wet cross section wet perimiter and corresponding grade are a correct representation of my measurements.

Charles G. Walker.
State Water Right Surveyor.

Subscribed and sworn to before me this 28th day of June, 1934.

Notary Public in and for Nye County, Nevada.

Traverse Notes Of Tubb Ditch.

Beginning at the Head or Intake on S.W. Side of Big or Deep Spring at a point whence the W.¼ Cor. (A Land Cor.) bears S.72°30'W. 2895. Ft. the S.W. Cor. Sec. 19 T.18 S. R.51 E. bears S.39°24'W. 4612.8 ft. running through a thorough cut

Thence S.89°W. 286 ft. @ 1 at head Tubb's No. 1 Lateral Thence S. 67°30'W. 650. ft. to @ 2, Thence S.43°45'W. 350. ft. to @ 3, Thence S. 50°55'W. 552. ft. @ 4, Thence S. 0°30'W. 1280. ft. to @ 10 at Head Tubb's No. 3 Lateral, Thence West 1250. ft. @ "a" at Forks Amado Santa Cruz Lateral or Branch, Thence S. 3°W. at 1278. ft. Line between Secs. 19 and 30. T.18 S. R.51 E. M.D.M. at 75. ft. East of the S.W. Cor. Sec. 19, 1818. ft. to @ "c" at junction Sublateral from Lat. No. 3 and Head Tubb's No. 5 Lateral, Thence West at 14. ft. intersect Lines between Secs 25 and 30 T.18 S. R's 50 and 51 E. at 40. ft. South of N.W. Cor. Sec. 30, 1300. ft. To end.

Lat. No. 1:- Beginning at @ 1, running thence N.80°15'W. 2100. ft. to @ 40, Thence S. 79°50'W. at 454. ft. intersect Township Line between Secs. 19 and 24 T.18 S. R's. 50 and 51 E. M.D.M. Projected North from ¼ or Land Cor. 1000. ft. (Same Course) 530. ft. @ 41, Thence N.74°20'W. 675., @ 42 at bridge Farm Road N.24°E. Thence N.81°W. 500. ft. at or about Land Line, 645. ft. @ 43 on Lands of R.M. Tubb. Thence S.80°30'W. 310. ft. @ 44 Thence N. 65°W. 300. ft. Thence West 3200. ft. to end.

Lateral No. 2:- Beginning at @ 6, Thence S.75°50'W. 952. ft. Thence S.84°25'W. 627. ft., Thence S.78°40'W. to @ 32 at fence on Tp. Line between said Secs. 19 and 24, 385. ft. S. 3°W. from ¼ Land Cor, Thence S.74°50'W. at 450. ft. old fence, 710. ft. @ 33 Thence S.74°W. 960. ft. @ 34, Thence S. 80°W. 810. ft. @ 35, Thence S. 82°W. 250. ft. @ 36 at fence on Land of R.M. Tubb, a sub lateral runs North 900. ft. Thence West 1200. ft. to end, And, South 200. ft. Thence North Westerly 1300. ft. as shown on map hereon.

NORTH.

Traverse Notes Continued.

Lateral No. 3:- Beginning at @ 10 Runing Thence South 1320. ft. to sub lateral running West to @ "C" Said No. 3. Lat runs Thence South 1000. ft. Thence Southeasterly as shown hereon.

Lateral No. 4:- Begins on line @ 10 @ "C" 420. ft. from @ 10 runs S. 10°E. 500. ft. to cultivated lot.

Lateral No. 5:- Begins at @ "C" runing South 1300. ft.

2251 6/2/36

Sec. 30. 64431 Certificate No. 18472 Issued 12-22-11

A Cross Section Upper Tubb's Ditch.

Grade = .004 (4. ft. per 1000. ft.) = S
Area, wet, 2.2 ft. = A
Wet perimiter = 4. = P
Then by "Kutters Formula" V = C√RS
R = A/P = 0.55 RS = .0022 √RS = .047
"C" for Bad Order = 30. C√RS = 1.41
"V" 1.41 "A" 2.2 D = discharge per sec., cu. ft.
VA = D 3.1 Cu. ft. per second.

Cross Section No's 2-3 and 5 Lateral.

S = .004 A = 1.75 P = 3.7 r = 0.47
√RS = .043 "n" = .030 "C" = 36. V = 1.55
Discharge 2.7 Cu. ft. per sec.

— Scale in Feet. —
0 500. 1,000. 1,500. 2,000.
Scale 1 In. = 400. Ft.

July 5, 1934

Map To Accompany
Proof Of ~~Appropriation~~ Beneficial Use For Irrigation
By
R. M. Tubb, From Big or Deep Spring,
Ash Meadows Nye County, Nev.

64431 4200