

SURVEY REPORT
HUDSPETH COUNTY
INTRODUCTION

File No. Sketch File 53
Hudspeth County
PSL, Blk. 29, Surs. 1, 2, 3, Blk. 30, Sur. 6
Filed October 5 19 93
By GARRY MAURO, Com'r
Douglas Howard
see Plat: Rld. Sk. 77

This is a report of a survey of Survey 1 (G.L.O. File #99411), Survey 2 (G.L.O. File #97832), and Survey 3 (G.L.O. File #97830), all of Block 29, Public School Land and Survey 6 (G.L.O. File #99407), Block 30, Public School Land, Hudspeth County, Texas.

This survey was requested by James F. Dyer II, P. O. Box 1007, Fort Davis, Texas, 97934.

HISTORICAL BACKGROUND
of
Surveys in the Area

REF: Working Sketch of Surveys in Hudspeth County #62, about 27 miles N 25° W (should be N 25° E) of Sierra Blanca, Texas, TEXAS GENERAL LAND OFFICE - AUSTIN, TEXAS, dated June 23, 1993.

T. & P. Ry. Co., Block 68, Township 4-South-

1. Jacob Kuechler, 7 December 1878 - Original Field Notes.
2. Paul McCombs, 1884-1885 - Retracement work of T. & P. Reservation.
3. Jno. P. Randolph, El Paso County Surveyor - filed Corrected Field Notes, 6 January 1886.
4. W. F. Sowell, L.S.L.S., 29 December 1949 - Field Notes for the North 320 acres of Survey 30 - Pat. 17 August 1955.
5. John F. Baker, L.S.L.S., 1960-1980 - Re-establishing Surveys in Blocks 65 & 66, Tnsp. 4 & 5 and in Blocks 67 & 68, Tnsp. 3 & 4
REF: 15 page report dated 9 November 1972 (Sketch #56, Hudspeth County, Texas, dated 14 March 1980).

University of Texas Lands -

1. Frank F. Friend, 27 October 1933 - Field Notes of Survey 49, Block "N".

Public School Land Blocks 29 and 30 -

1. A. H. Parker, August 1900 - Original Field Notes: Surveys 4, 5, 9 and 13, Block 29 and Survey 5, Block 30 patented to these Field Notes. - NOTE: Parker calls to adjoin both the T. & P. Ry. Co. Block 68 and Block "N", University of Texas Lands - we therefore believe that the University Lands are senior to the Public School Land, vis-a-vis date of Grant.
2. J. W. Carter, 9 August 1959 - Corrected Field Notes for Survey 6, Block 29, Public School Lands. Patented 6 October 1959.



ON THE GROUND SURVEY

Our On The Ground Survey was conducted using a Topcon GTS-3B Total Station.

All monuments and control points are tied to the Texas Coordinate System - Central Zone, with ties to U.S.C. & G.S. Triangulation Station "BLACK": (X=501164.31 feet; Y=725634.26 feet and Theta= -02° 28' 47" 1927 DATUM) and using a Combined Scale Factor of 0.999739.

NOTE: All Field Notes and Plats related to this survey show bearings which are GEODETIC based on solar observations and reflect True North at said tri-station "BLACK". Distances shown are horizontal surface distances. To convert to Grid Distance, multiply the Horizontal Distance by 0.999739. All Coordinates shown are in feet on the Texas Coordinate System - Central Zone, 1927 DATUM.

FOUND MONUMENTS

1. 1-inch pipe in a pile of rocks. (X=472861.79 feet; Y=725634.26 feet). Pile of rocks is Parker's original North common corner of Block 28 and 29, P.S.L., as cited by J. W. Carter in his survey in 1959. Pipe placed by Carter.

2. Rock in ground. (X=504704.68 feet; Y=716006.48 feet). I believe this to be Parker's North common corner of Block 29 and 30, P.S.L. - A 1-inch pipe set by an unknown surveyor bears S 89° 34' 58" W 0.209 vara (0.58 foot).

3. Rock in ground. (X=520534.23 feet; Y=715440.81 feet). North common corner of Surveys 3 and 4, Block 30, P.S.L. A 1-inch pipe in fence line bears S 88° 15' W 21.618 varas (60.05 feet).

4. U. T. Monument. (X=496314.47 feet; Y=716292.56 feet). Square metal plate marked B N
U T
49 on top of a concrete cylinder at a 3-way fence corner. Friend's Southeast corner of Survey 49, Block "N", University of Texas Lands.

5. U. T. Monument. (X=496560.55 feet; Y=721905.28 feet). Square metal plate marked B N
48
49
U T on top of a concrete cylinder on Northwest slope of a rocky ridge. Friend's East common corner of Surveys 48 and 49, Block "N", University of Texas Lands.

6. U. T. Monument. (X=474934.80 feet; Y=717100.19 feet). Square metal plate marked U T
BN
53 52 on top of a concrete cylinder in fence line. Friend's South common corner of Surveys 52 and 53, Block "N", University of Texas Lands.

7. 1 1/4-inch pipe and small mound of small stones. (X=477925.04 feet; Y=711126.59 feet). Carter's common corner of Surveys 5, 6, 7, and 8, Block 29, P.S.L.

8. 1-inch pipe (up 1.3 feet) in a rock mound with one rock marked "NE 6". (X=478134.77 feet; Y=716963.36 feet). Carter's North common corner of Surveys 5 and 6, Block 29, P.S.L. *Sketch File 53*

Hudspeth County
P.S.L. Blk. 29, Surs. 1, 2, 3; Blk. 30, Sur. 6

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9. 1-inch pipe at 2-way fence corner. (X=509773.45 feet; Y=709975.89 feet). Southeast corner of Survey 6 and Southwest corner of Survey 5, Block 30, P.S.L.

BAKER'S SOUTHWEST CORNER SURVEY 30, T. & P. RY. CO., BLOCK 68, TEXAS CENTRAL ZONE [X=178811.55 Varas (496698.75 feet); Y=258095.36 Varas (716931.56 feet)]. This is the coordinate shown by Baker on his hereinbefore cited Rolled Sketch #56, Hudspeth County, dated 14 March 1980.

NOTE: Using the Baker location for the South line of T. & P. Ry. Co. Blocks 67 and 68 4-S, as cited above, leaves a possible vacancy between said T. & P. Ry. Co. Blocks and the P.S.L. Blocks 28, 30, and 31. This vacancy would be approximately 600.0 feet wide North to South and 12 miles long (East to West).

CONSTRUCTION


We constructed the North line of Surveys 1, 2, and 3, Block 29, P.S.L. based on the hereinbefore cited monuments at the Northeast corner of Survey 6, Block 29 and the North common corner of Blocks 29 and 30, P.S.L. and prorated the distance between said monuments. We constructed the South line of said Surveys 1, 2, and 3, Block 29 to run parallel with the monumented North line.

NOTE: In our survey we found that the monumented North line of the P.S.L. Block 29 conflicted with the monumented South line of the senior University of Texas Lands Block "N". (SEE: POINT OF INTERSECTION - South line U. T. Block "N" and North line P.S.L. Block 29 - on PLAT). Therefore, we accepted and adjoined the South line of said Block "N" in that portion of said Surveys 2, 3, and 4, said Block 29, which conflicted with the University Lands. (i.e., from the hereinbefore cited Point of Intersection to the hereinbefore cited monument at the Southeast corner of Survey 49, Block "N"). The Block Lines diverge Westward from the said POINT OF INTERSECTION leaving a gore of unsurveyed School land between the University Lands and Public School Lands.

The North-South lines within said Block 29, P.S.L. were constructed to run parallel with Carter's monumented East line of patented Survey 6 of said Block 29.

The North line of Survey 6, Block 30, P.S.L. was based on the hereinbefore cited monuments found at the North common corner of said blocks 29 and 30, P.S.L. and the North common corner of Surveys 3 and 4 of said Block 30, and prorating the distance between said monuments. We accepted the hereinbefore cited 1-inch pipe at a 2-way fence corner to mark the Southeast corner of said Survey 6 and the Southwest corner of Survey 5, Block 30.

Corrected Field Notes for patents of the subject files are herewith respectfully submitted.


J. E. Mortensen
L.S.L.S.

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