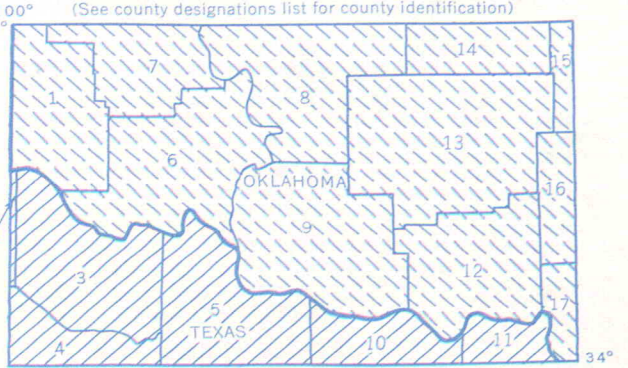


Base prepared by the Army Map Service (AMS), Corps of Engineers, U.S. Army, Washington, D.C. Compiled in 1955 by photogrammetric methods and from United States Coastlines, 1:50,000, 1:25,000, 1:50,000, 1:62,500, AMS, USGS, 1916-49. Planimetric detail revised by photogrammetric methods. Horizontal and vertical control by USCGS, USGS, and CE. Field annotated 1955.

100,000-FOOT PLANE COORDINATE GRID TICK SYMBOLS

— OKLAHOMA SOUTH — TEXAS NORTH CENTRAL

INDEX TO COUNTY BOUNDARIES
(See county designations list for county identification)



PLANE COORDINATE ZONES

HORIZONTAL CONTROL

- Coast & Geodetic Survey
- Geological Survey
- Monumented Point - First Order
- Monumented Point - Second Order
- Monumented Point - Third Order
- Located Object - Third Order
- See separate index for names of numbered stations
- Station reported not recovered
- Measured Base - Electronic or Taped
- Line of triangulation observed
- Line of triangulation observed from one end only
- Measured Length - Electronic or Taped
- Theodolite Traverse - Electronic Distance
- Transit Traverse - Taped Distance Third Order
- Transit Traverse and Leveling Third Order

VERTICAL CONTROL

- Coast & Geodetic Survey
- Geological Survey
- First Order
- Second Order
- Third Order

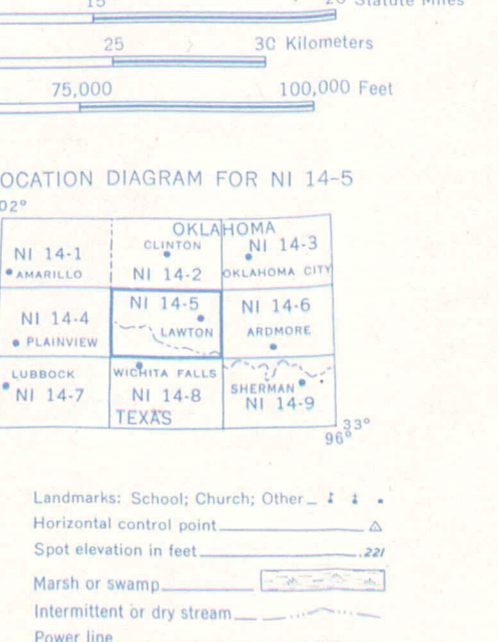
SECTIONIZED TOWNSHIP

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

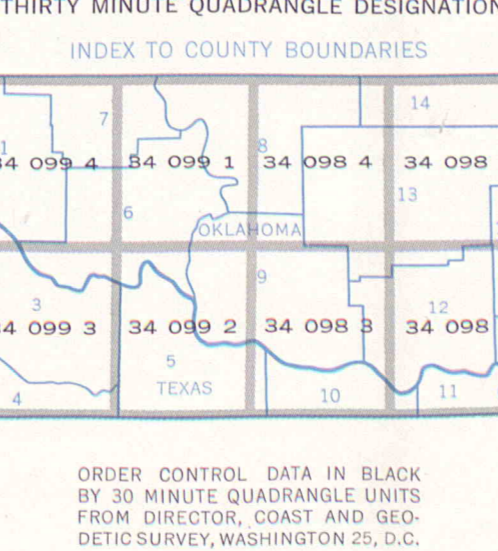
TRANSVERSE MERCATOR PROJECTION

- ROADS
- RAILROADS
- BOUNDARIES
- LEGEND
- ROAD DATA USES
- RAILROADS
- BOUNDARIES
- LEGEND

LOCATION DIAGRAM FOR NI 14-5



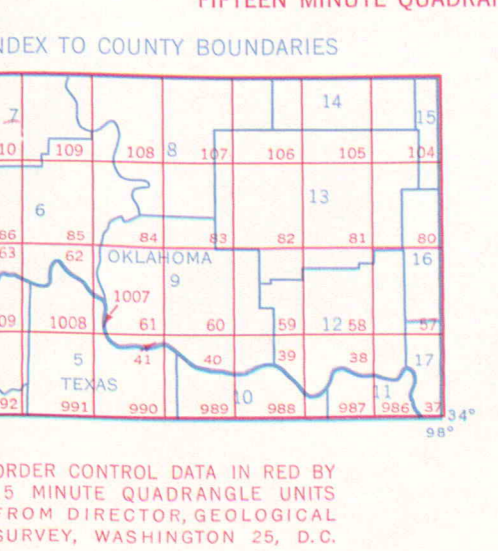
COAST AND GEODETIC SURVEY THIRTY MINUTE QUADRANGLE DESIGNATION



COUNTY DESIGNATIONS

- 1 Harmon
- 2 Chelsea
- 3 Hardeman
- 4 Felt
- 5 Washburn
- 6 Jackson
- 7 Greer
- 8 Kiowa
- 9 Sherman
- 10 Nowata
- 11 Clay
- 12 Cotten
- 13 Comanche
- 14 Custer
- 15 Stebbins
- 16 Stephens
- 17 Jefferson

GEOLOGICAL SURVEY FIFTEEN MINUTE QUADRANGLE DESIGNATION



INDEX TO COUNTY BOUNDARIES

- OKLAHOMA
- OKLAHOMA (COUNTIES)
- TEXAS
- 37 Hastings
- 38 Randall
- 39 Burkholder
- 40 Elmer
- 41 Davidson
- 42 Temple
- 43 Walters
- 44 Chatterbox
- 45 Nowata
- 46 Frederick
- 47 Elmer
- 48 Quannah
- 49 Goshute
- 50 Hollis
- 51 Lawson
- 52 Cliche
- 53 Snyder
- 54 Fredrick
- 55 Duke
- 56 Hollis
- 57 Harlan
- 58 Walters
- 59 Chatterbox
- 60 Nowata
- 61 Frederick
- 62 Elmer
- 63 Quannah
- 64 Goshute
- 65 Hollis
- 66 Lawson
- 67 Cliche
- 68 Snyder
- 69 Burkholder
- 70 Elmer
- 71 Davidson
- 72 Temple
- 73 Walters
- 74 Chatterbox
- 75 Nowata
- 76 Frederick
- 77 Elmer
- 78 Quannah
- 79 Goshute
- 80 Hollis
- 81 Lawson
- 82 Cliche
- 83 Snyder
- 84 Fredrick
- 85 Duke
- 86 Hollis
- 87 Harlan
- 88 Walters
- 89 Chatterbox
- 90 Nowata
- 91 Frederick
- 92 Elmer
- 93 Quannah
- 94 Goshute
- 95 Hollis
- 96 Lawson
- 97 Cliche
- 98 Snyder
- 99 Burkholder
- 100 Elmer
- 101 Davidson
- 102 Temple
- 103 Walters
- 104 Chatterbox
- 105 Nowata
- 106 Frederick
- 107 Elmer
- 108 Quannah
- 109 Goshute
- 110 Hollis
- 111 Lawson

U. S. DEPT. OF COMMERCE
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INDEX TO NUMBERED HORIZONTAL CONTROL STATIONS

by the
 Coast and Geodetic Survey

Page 1
 QUADS 340981-2-3-4 & 340991-2-3-4
 OKLA-TEX
 LATITUDE 34°00' TO 35°00'
 LONGITUDE 98°00' TO 100°00'
 DIAGRAM NI 14-5 LAWTON

KEY NO.	STATION NAME	QUAD. NO.	STATION NO.
1	BURKBURNETT WATER TANK 1923	340983	1051
2	OKLAHOMA TEXAS BOUNDARY REF MON NO 7	340983	1027
3	LAWTON EAST BELL AVE MUNI WATER TANK	340981	1085
3	LAWTON SOUTHWESTERN L AND P CO STACK	340981	1089
4	LAWTON ROOSEVELT STADIUM MUNI STANDPIPE	340981	1088
5	LAWTON HIGH SCHOOL DOME	340981	1086
1	BURKBURNETT N MUNI WATER TANK		
6	LAWTON US INDIAN SCH AND HOSP WATER TANK	340981	1090
7	25 C 28 TT OKLA GEOD S	340984	1027
7	TILLMAN	340984	1027
8	OKLAHOMA TEXAS BOUNDARY WITNSS POINT SEC 29	340983	1038
9	OKLAHOMA TEXAS BOUNDARY WITNESS COR SEC 10	340983	1032
10	OKLA-NATURAL GAS RAD STA KKI 655, MAST		
12	MT SCOTT	340984	1022
12	MT SCOTT MARKER	340984	1022
12	SCOTT 2	340984	1060
13	TT 9 E USGS	340984	1066
14	BENDS	340984	1039
11	CONSOLIDATED GAS RAD STA KKD 404 MAST		
15	ROAD	340984	1058
15	SCOTT KNOLL	340984	1061
16	MEC	340981	1050
17	S CICK	340981	1058
18	N ROCKY TWIN	340981	1053
19	RABBIT	340981	1055
20	SOUTH RABBIT	340981	1059
21	FT SILL 30 TARGET	340981	1068
22	WELSH	340981	1060
23	GOOD	340981	1041
24	SULPHUR	340984	1064
25	TT 8 E USGS	340984	1065
26	EDWARDS	340981	1010
27	GRUBER	340984	1048
28	RANCH	340984	1057
29	CARLTON	340984	1041
29	FT SILL CARLTON MT TARGET	340984	1030
30	METRO	340984	1053
31	LAKE USE	340984	1051
32	PRATT	340984	1055
33	JONES	340984	1049
34	RIDGE	340981	1057
35	FT SILL MT HINDS TARGET	340981	1081
36	GRIERSON	340981	1044
37	FT SILL AIRWAY BEACON NO 1170	340981	1072

KEY NO.	STATION NAME	QUAD. NO.	STATION NO.
38	FT SILL BLDG T 2800 BRICK STACK	340981	1073
38	FT SILL BLDG T 2809 BRICK STACK	340981	1074
38	FT SILL BLDG T 2810 METAL STACK	340981	1075
39	EVANS	340981	1039
39	FT SILL CENTRAL POWER PLANT STACK	340981	1078
40	FT SILL QUARTERMASTER LAUNDRY STACK	340981	1084
41	WOLF COMANCHE COUNTY	340981	1061
42	F P 137	340981	1040
43	MC KENZIE	340981	1045
44	FT SILL MB 2 TARGET	340981	1047
44	M B 2	340981	1046
45	FT SILL MB 4 TARGET	340981	1049
45	M B 4	340981	1048
46	FT SILL 27 TARGET	340981	1066
46	MISSION	340981	1052
47	28	340981	1033
47	FT SILL 28 TARGET	340981	1067
48	29	340981	1034
49	33 E	340981	1035
49	FT SILL 33 E TARGET	340981	1069
50	FT SILL POST FIELD CONTROL TOWER	340981	1082
51	FT SILL CANTONMENT HOSP HEAT PLANT STACK	340981	1077
52	FT SILL ADAMS TARGET	340981	1071
53	QUARRY COMANCHE COUNTY	340981	1054
54	FT SILL 38 TARGET	340981	1070
55	FLAT TOP	340981	1042
55	FLAT TOP 2	340981	1043
56	MANITOU KIMBALL MILLING CO ELEVATOR	340984	1009
56	MANITOU MUNICIPAL STANDPIPE	340984	1010
57	ALTUS AFB WATER TANK 1 BEACON	340981	1008
57	ALTUS ARMY AIRFIELD CONTROL TOWER	340981	1041
57	ALTUS AFB WATER TANK	340981	1043
57	ALTUS ARMY AIRFIELD WATER TOWER	340981	1042
57	PORTER COMANCHE COUNTY	340981	1025
58	ALTUS AFB WATER TANK 2	340981	1009
59	25 F 3 OKLA GEOD SURVEY	340981	1025
59	ALTUS	340981	1025
59	ALTUS MUNICIPAL WATER TANK	340981	1012
59	ALTUS RADIO STATION KHW MAST	340981	1045
60	ALTUS MUNICIPAL WATER TANK	340981	1013

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KEY NO.	STATION NAME	QUAD. NO.	STATION NO.
61	HOLLIS WEST MUNICIPAL WATER TANK	340994	1019
62	HOLLIS EAST MUNICIPAL WATER TANK	340994	1018
74	LONE WOLF MUNICIPAL WATER TANK	340991	1023
74	LONE WOLF PLANTERS CO OP ASSN ELEVATOR	340991	1024
75	HEADRICK MUNICIPAL WATER TANK	340991	1047
76	ALTUS COMPRESS CO WATER TANK	340991	1044
77	ELCORADO MUNICIPAL WATER TANK	340993	1003
78	GRANDFIELD CITY HIGH SCHCOL	340983	1044
79	ALTUS PUBLIC SERVICE OF CKLAHOMA RAD MAST	340991	1007
80	LOUIS HIGH SCHOOL CUPOLA	340994	1036
81	ELCORADO US GYPSUM CO WATER TANK	340993	1004
82	CEMENT MUNICIPAL STANDPIPE	340981	1063
83	CYRIL MUNICIPAL WATER TANK	340981	1064
84	HEYLS	340981	1016
84	HEYLS H H H	340981	1016
85	BUZZARD	340981	1037
86	BLUE BEAVER	340984	1040
87	FT SILL CROSS MT TARGET	340984	1031
88	FT SILL MC KINLEY MT TARGET	340984	1033
89	KETCH	340984	1050
90	ROCKY	340984	1059
91	THOMAS	340984	1067
92	GRASS	340984	1043
93	SOLID	340984	1062
94	T1S R8W SECS 9 AND 16 QUAR SEC COR	340982	1002
95	CACHE MUNICIPAL WATER TANK	340984	1013

KEY NO.	STATION NAME	QUAD NO.	STATION NO.
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