Table 2.3-8

BIRD'S NEST AQUIFER DATA SOUTH-EAST UINTA BASIN, UTAH

Well No.	Well Location	Surface Elevation* (ft)	Aquifer Interval (Depth in ft)	Aquifer Thickness (ft)	Elevation* at top of Aquifer	Well Depth	Well Registrant	Data Available in Aquifer Zone							
								Electric Log	Gamma Ray	Neutron	Caliper	Formation Density	Sonic	Temp	Flow
2	C NW SE 24-95/23E	5,645	1,356 - 1,478	122	4,289	7,236	Pacific Nat. Gas	X	X	X	X	X	X		
3	NW SE 02-105/23E	5,461	1,545 - 1,660	115	3,916	5,226	Humble Oil		X	X					
4	NW NE NE 11-105/23E	5,492	1,430 - 1,520	90	4,062	5,049	El Paso Nat. Gas Co.	X							
5	NE NE NW 14-105/23E	5,537	1,345 - 1,550	205	4,242	8,502	Gulf Oil Corp.	X	X	X					
6	NE NE SE 15-105/23E	5,613	1,410 - 1,575	165	4,203	7,418	El Paso Nat. Gas Co.	X	X	X					
7	NW NW 24-105/23E	4,932	520 - 640	120	4,412	6,436	Shell Oil Co.	X	X				X		
8	NE NE 36-105/23E	±5,078	370 - 590	130	4,708	924	Shell Oil Co.	X							
9	NE SW 03-105/23E	5,334	1,415 - 1,535	120	3,919	5,858	Belco Pct. Corp	X					X		
10	NW NE SE 30-105/24E	5,294	602 - 710	108	4,692	1,141	White River Shale	X	X	X	X	X	X	X	X
11	SW SE 28-105/24E	5,392	514 - 620	106	4,878	7,048	El Paso Nat. Gas	X			X				
12	NE NE 29-105/24E	5,260	542 - 660	118	4,718	6,030	El Paso Nat. Gas	X			X				
13	C NE SW 32-105/24E	±5,460	610 - 715	105	4,870	7,033	Shell Oil Co.	X					X		
14	NE SW 22-105/24E	5,292	490 - 605	115	4,802	6,161	Moab Drilling Co.	X			X		X		
15	S/2 SW SW 14-105/24E	5,242	408 - 522	114	4,834	958	White River Shale	X	X	X	X	X	X	X	X
16	SW NW 14-105/24E	5,417	380 - 515	135	5,037	4,249	Continental Oil Co.	X	X	X					
20	NW NW SW 02-115/23E	5,550	620 - 740	120	4,930	8,038	Gen. Pet. & Stanolind	X							
22	NW SE 11-115/23E	5,989	890 - 1,000	110	5,099	5,901	Shamrock Oil & Gas Co.	X							
23	SW SE 13-115/23E	5,617	325 - 455	130	5,292	5,863	Shamrock Oil & Gas Co.	X							
24	SE NW 14-115/23E	5,958	875 - 1,000	125	5,083	6,649	Shamrock Oil & Gas Co.	X							
25	SE SE 10-115/23E	5,849	762 - 900	138	5,087	7,384	Shamrock Oil & Gas Co.	X							
28	NE SW 13-115/24E	5,567	275 - 400	125	5,292	5,581	Shamrock Oil & Gas Co.	X							
29	SE SE 15-115/23E	6,076	872 - 970	98	5,204	6,467	Shamrock Oil & Gas Co.	X							
30	NE SW 03-115/24E	5,270	211 - 310	99	5,059	2,521	Shamrock Oil & Gas Co.	X							
X-9	NW SE NW 27-105/24E	5,427	553 - 651	98	4,874	1,068	White River Shale	X	X	X	X	X	X	X	X
G-19	SE NE NW 14-113/24E	5,832	190 - 325	135	5,642	800	White River Shale		X	X	X	X			
X-2	NW NE NW 14-105/24E	4,954	213 - 326	113	4,771	766	White River Shale	X	X	X	X	X		X	X
P-3	SE SE SW 25-105/24E	5,498	370 - 480	110	5,123	711	White River Shale	X	X	X	X	X		X	X
P-1	NE SE SW 12-105/24E	5,284	300 - 435	135	4,984	1,225	White River Shale	X	X	X	X	X		X	X
X-3	C NE NW 13-105/25E	5,295	90 - 260	170	5,205	586	White River Shale	X	X	X	X	X	X	X	X
X-6	C NW 19-105/25E	5,472	274 - 379	105	5,198	806	White River Shale	X	X	X	X	X	X	X	X
P-4	NE SE SE 19-105/25E	5,719	345 - 482	136	5,343	1,170	White River Shale		X	X	X	X			
HS-4	NW NE NW 20-105/24E	5,061	495 - 667	172	4,566	1,076	Gulf Oil Corp.	X	X	X					
P-2	NW NE NE 20-105/24E	4,991	404 - 500	96	4,587	1,290	White River Shale	X	X	X	X	X	X	X	X

*Feet above mean sea level.

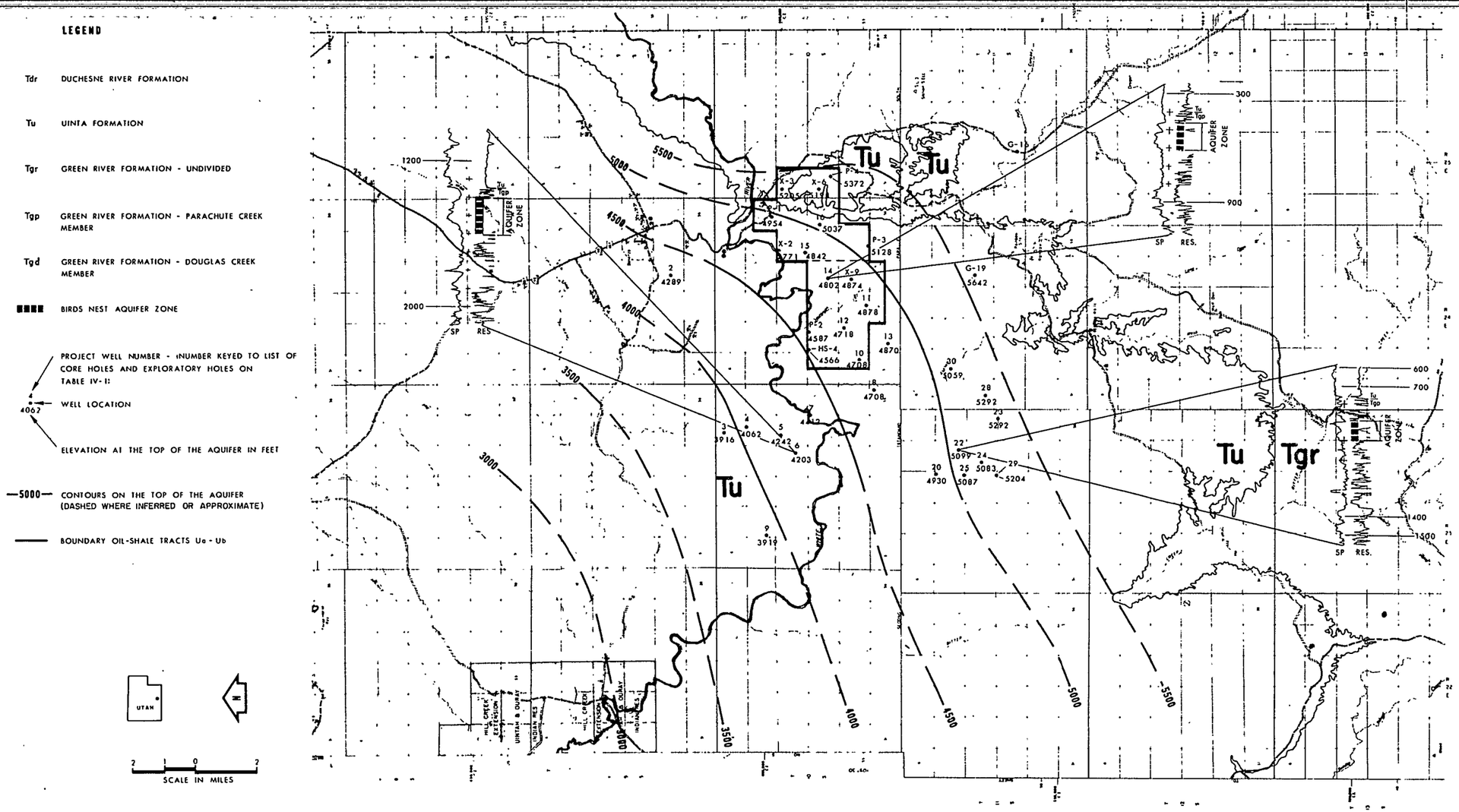

Figure 2.3-3. Bird's Nest Aquifer Structural Elevations

⊙AG ALLUVIAL WELL

• S SURFACE WATER MONITORING STATION

⊙P PILOT TEST HOLE

⊙G GROUND WATER MONITORING STATION

⊙HE EXISTING GEOLOGIC CORE HOLE, EVACUATION

⊙HS EXISTING GEOLOGIC CORE HOLE, SOUTHAM

⊙X EXPLORATION GEOLOGIC CORE HOLE

⊡A AIR MONITORING SITE

---- ACCESS ROUTE

—W WILDLIFE SAMPLING AREA (12)

⬚V VEGETATION STUDY AREA (21)

- G GREASEWOOD
- J JUNIPER
- R RIPARIAN
- S SALT BUSH

■PP PHOTO PLOT (21)

□F AQUATIC BIOLOGY SAMPLING STATION (5)

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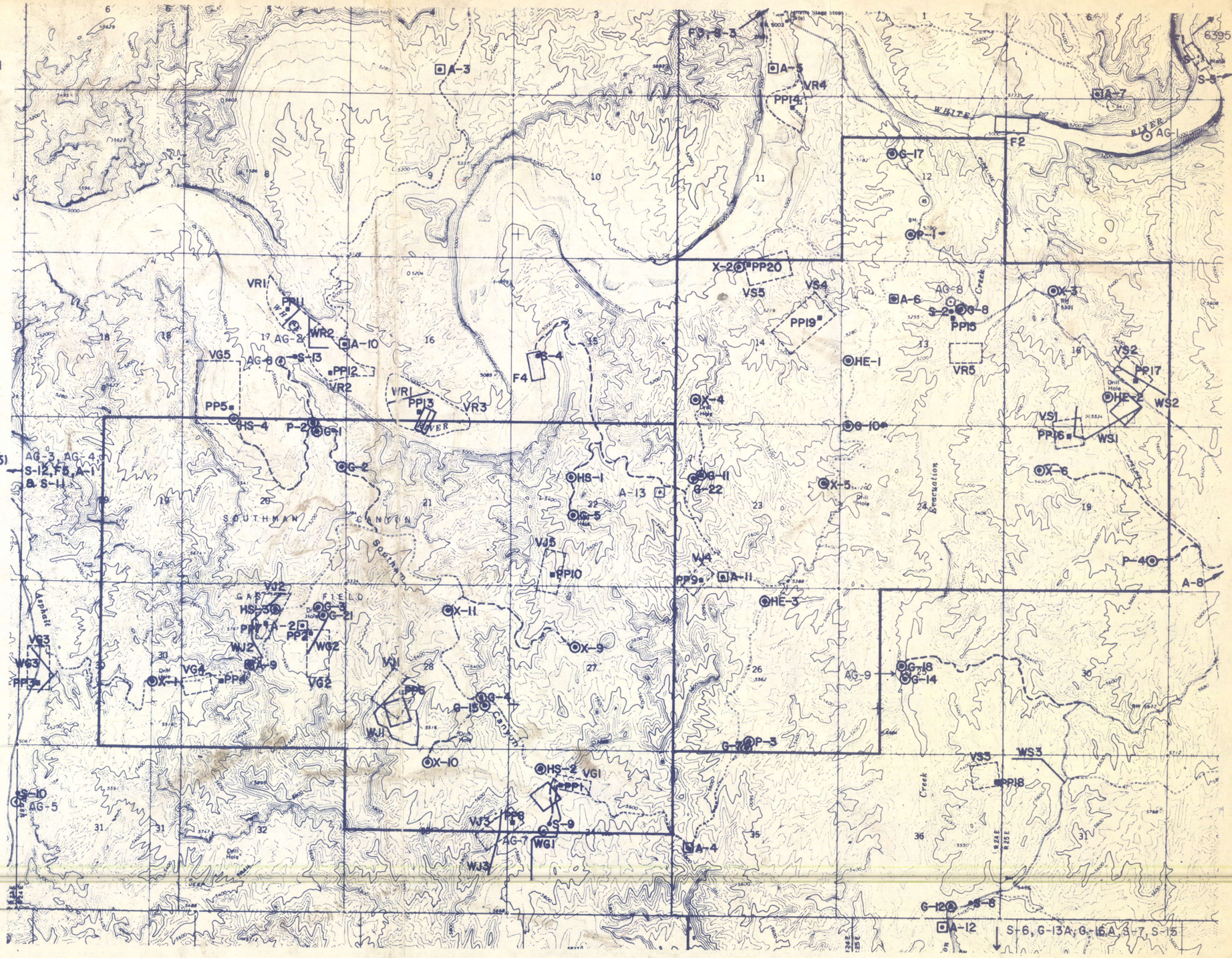
SCALE IN MILES