

Figure 1.--Index map, Sipsey Wilderness and additions.

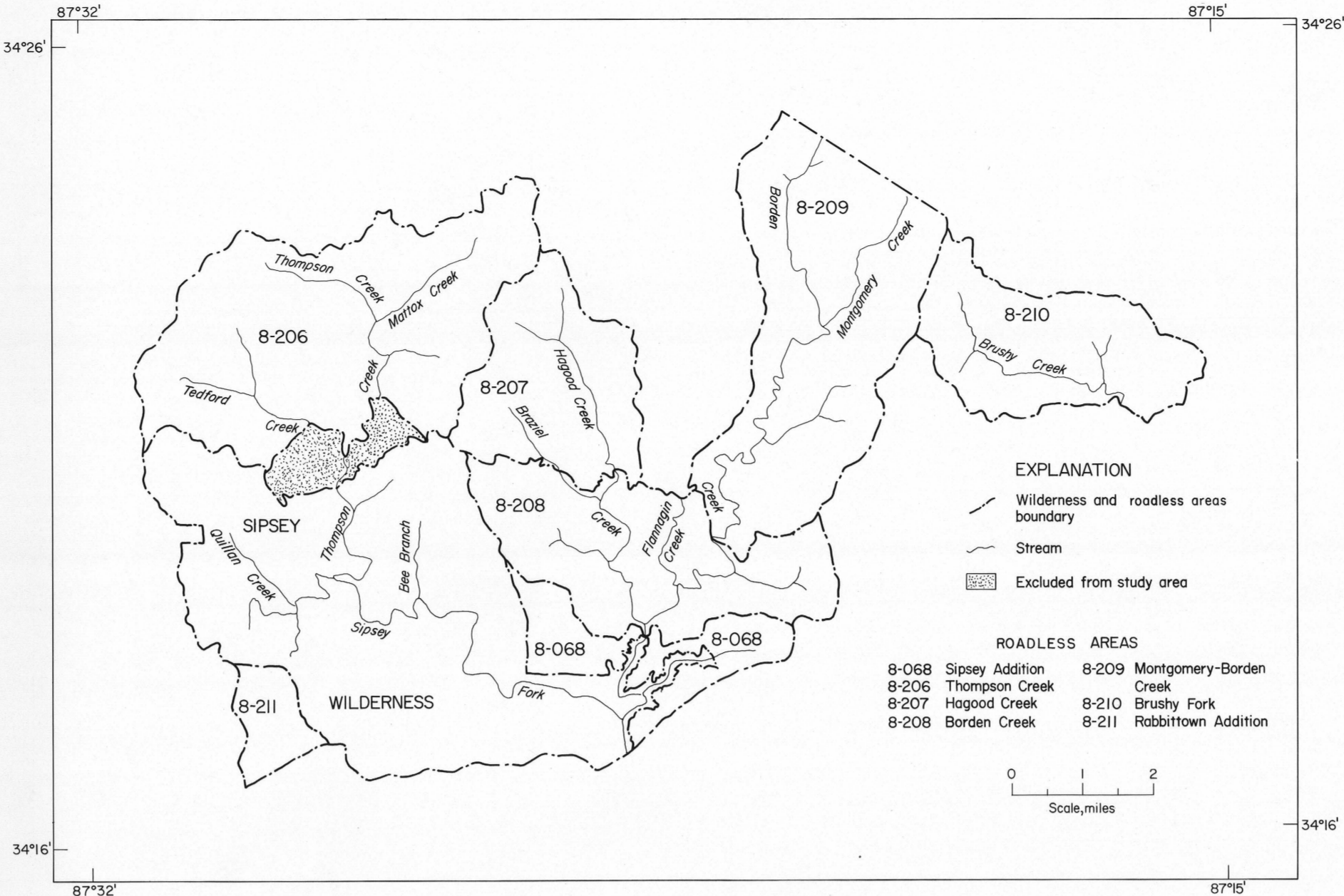


Figure 2.--Boundary map, Sipsey Wilderness and additions.

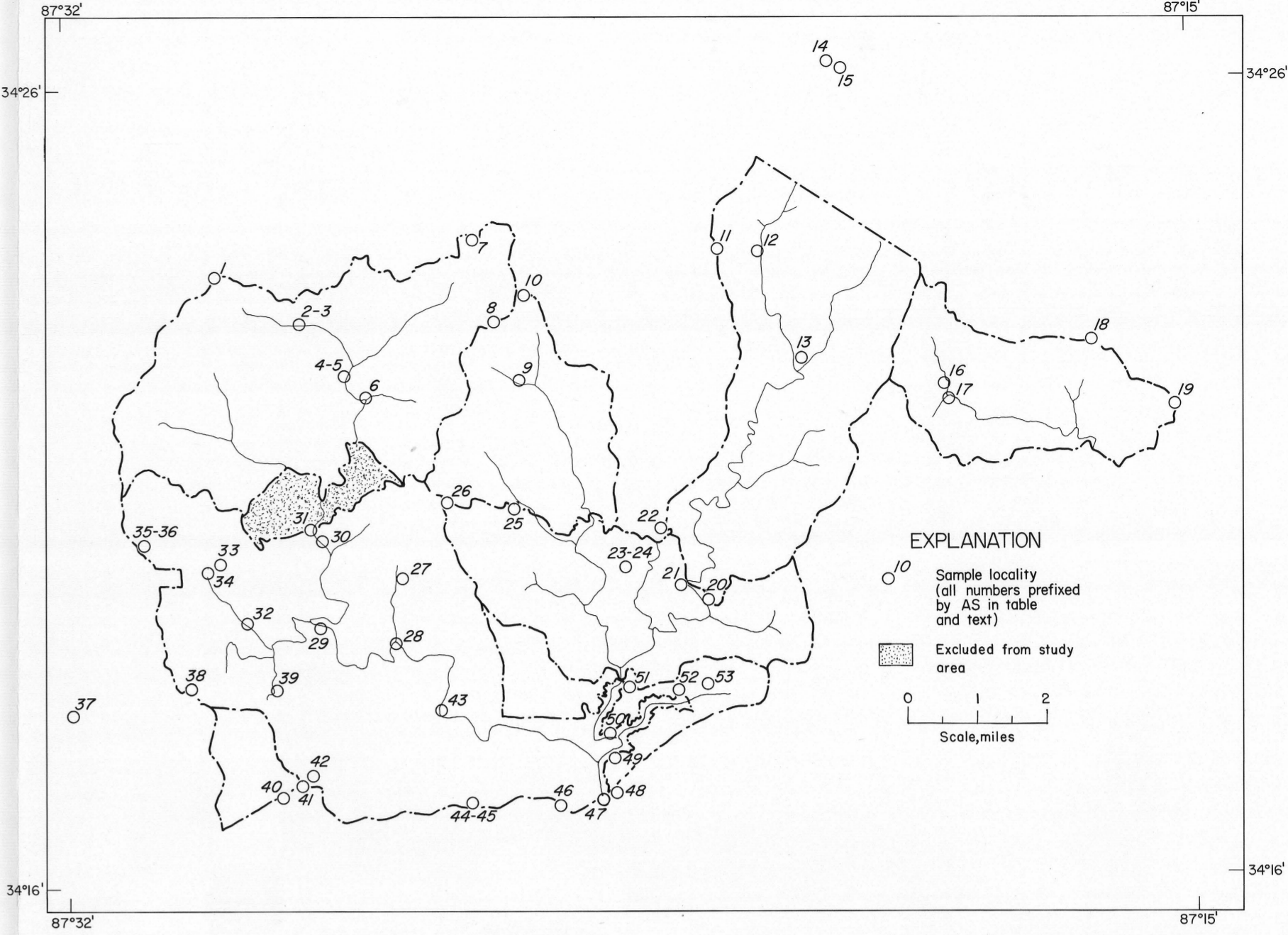


Figure 3.--Sample localities, Sipsey Wilderness, additions, and vicinity.

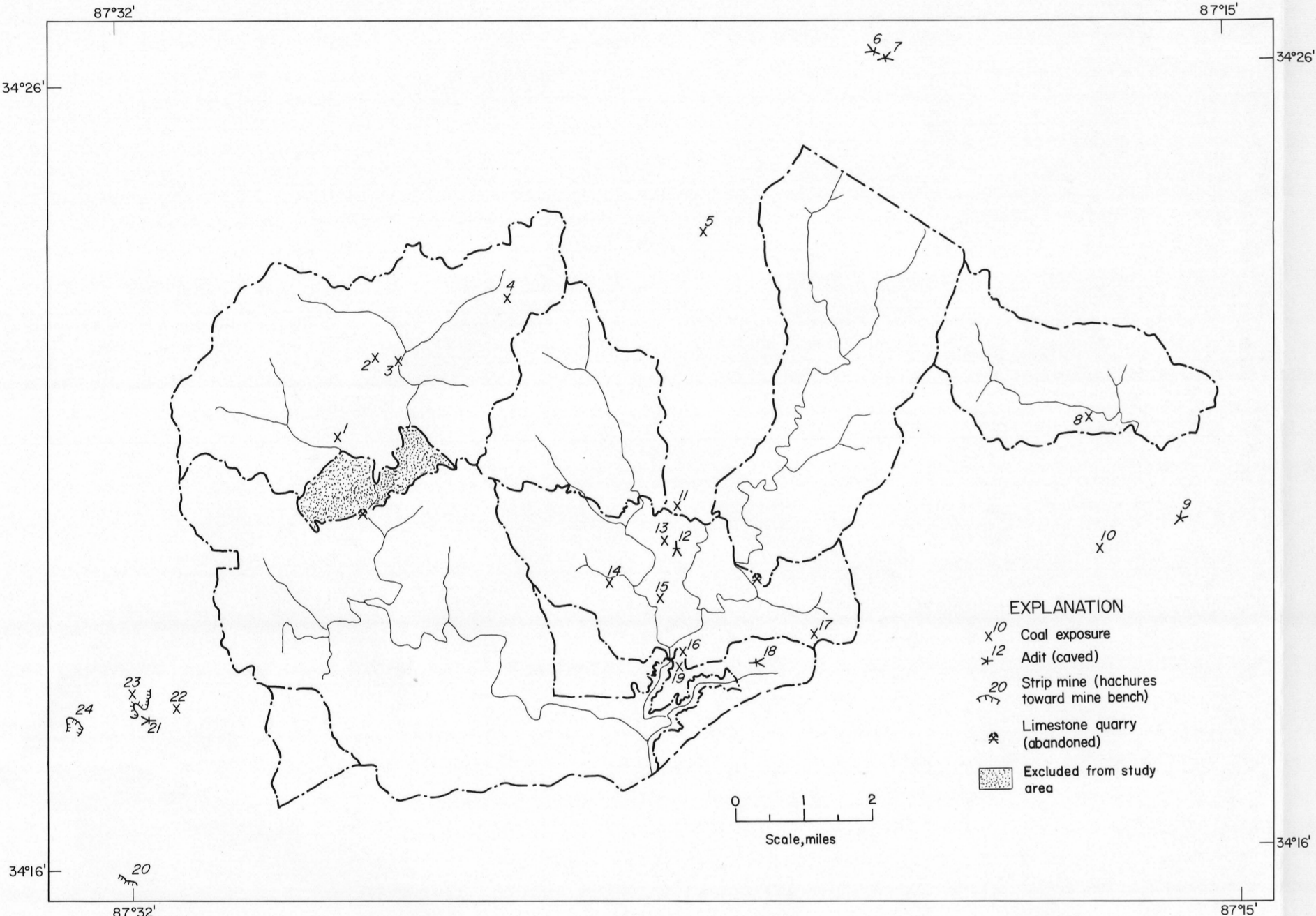


Figure 4.--Mines, quarries, prospects, and coal exposures, Sipsey Wilderness, additions, and vicinity. Numbers are keyed to entries in table 1.

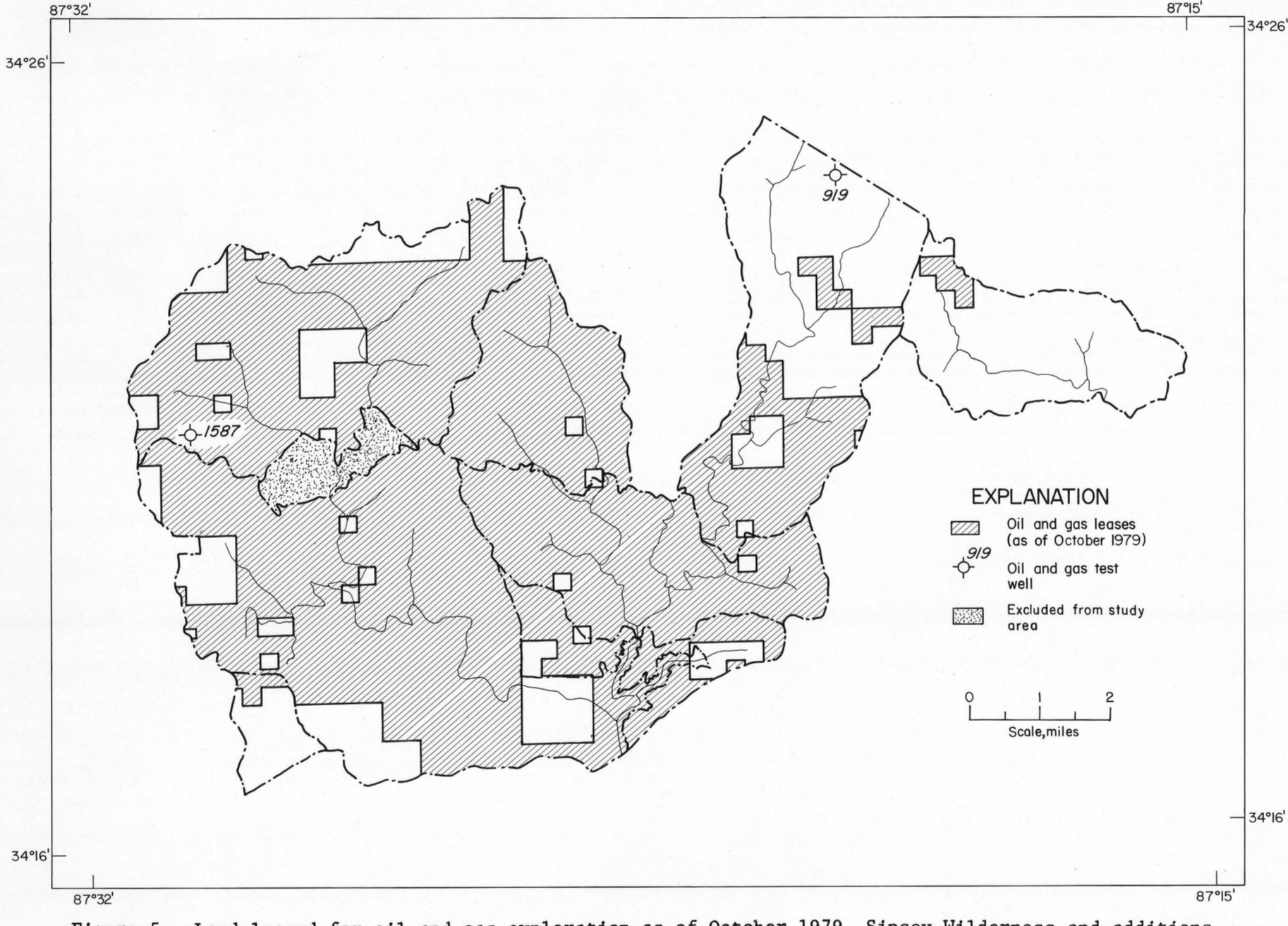


Figure 5.--Land leased for oil and gas exploration as of October 1979, Sipsey Wilderness and additions.

Table 1.--Coal mines, prospects, and exposures in Sipsey Wilderness, additions, and vicinity

Map Number (Figure 4)	Sample Number ¹	Coalbed	Description	Coal Thickness (Inches)
1	N/S	Unnamed coal, lower part of Parkwood Formation	Coal blossom ²	--
2	do	do	Coal exposure	7
3	AS-4	do	do	6
4	N/S	do	Coal exposure in stream bank	6
5	do	do	Coal blossom	--
6	AS-14	do	Adit open for approximately 40 ft; 6 caved adits occur within 200 yds. to the north on west side of ridge	16
7	AS-15	do	Adit, caved; 8 additional caved adits, nearby to south on east side of ridge	23
8	N/S	Unnamed coal, upper part of Parkwood Formation	Coal blossom in stream bank	--
9	do	do	Coal and carbonaceous shale in stream bank; caved adit and 6 prospect pits within 200 yds. downstream	18
10	do	do	Two coal blossoms in road, 0 ft and 30 ft below base of Boyles Sandstone	--
11	do	do	Coal blossom in roadcut	--
12	AS-23, 24	do ³	Adit, caved; coal and carbonaceous shale	16
13	N/S	do	Coal and carbonaceous shale in base of rockhouse; 2 additional exposures (12 in. and 4 in.) are within 100 yds. to north, along cliff-base	18
14	do	do	Coal at base of rockhouse	5
15	do	do ⁴	Coal and carbonaceous shale in base of rockhouse; coal exposures of 12 in. and 11 in. occur in small tributaries to the north and south respectively	32
16	do	do	Two blossoms in road, 10 ft and 40 ft below base of Boyles Sandstone	--
17	do	do	Weathered coal and carbonaceous shale at cliff-base	--
18	AS-53	do ³	Coal and carbonaceous shale; two caved adits	26
19	AS-51	do ³	Coal exposed at base of rockhouse	6
20	N/S	Bear Creek(?)	Abandoned strip mine; coal not visible	--
21	N/S	do	Adit, abandoned; Bill Glass mine	8-13
22	N/S	do	Coal blossom in jeep trail	--
23	AS-37	do	Stockpile coal, sampled near recently reclaimed strip mine	18 ⁵
24	N/S	do	Abandoned strip mine; coal not visible	--

¹ N/S, not sampled.
² All blossoms represent weathered coal for which accurate thicknesses could not be determined.
³ Sample from unnamed coal bed c of Schweinfurth and others (1981 and 1982).
⁴ Exposures of unnamed coal bed a of Schweinfurth and others (1981 and 1982).
⁵ Coal thickness reported by strip mine operator.

Table 2.--Oil and gas test well data, Sipsey Wilderness, additions, and vicinity

Permit number ¹	Operator and well name	Location	Depth (feet)	Completion date	Deepest rock unit penetrated	Oil and gas show ²
B283	Fidelity Oil and Gas Co., Rob Jacobs No. 1	Gen. SW 1/4 SE 1/4 sec. 11, T. 7 S., R. 7 W.	1,500	1928	Silurian	A,O
919	David K. Brooks, United States of America No. 1	410' FWL and 660' NSL, SE 1/4 SE 1/4 sec. 26, T. 7 S., R. 8 W.	1,815	6/5/59	Ordovician	0
1003	Clyde H. Seitz, Young Brothers No. 1	500' FWL and 600' SNL, NW 1/4 NW 1/4 sec. 10, T. 7 S., R. 8 W.	615	1959	Tusculum Limestone (Upper Mississippian)	G
1050	R. G. Houser, E. M. Hawkins No. 1	2,314' NSL and 2,158' FWL SE cor. sec. 21, T. 9 S., R. 9 W.	1,575	10/1/60	Tusculum Limestone (Upper Mississippian)	N
1101	FNA Drilling Co., No. 1 John R. Previtt Tract No. 2	Gen. NE 1/4 SE 1/4 sec. 11, T. 7 S., R. 7 W.	185	8/6/61	---	0
1110	FNA Drilling Co., No. 1 Chenault Brothers Tract No. 6	Gen. SW 1/4 SW 1/4 sec. 29, T. 7 S., R. 7 W.	905	9/14/61	---	A,O
1167	Mt. Carmel Drilling Co., No. 1 Marvin Corp.	Gen. NW 1/4 SW 1/4 sec. 1, T. 10 S., R. 10 W.	1,534	6/2/62	Tusculum Limestone (Upper Mississippian)	0
1587	Murphy Oil Corp., Core Test No. 2	1,980' FWL and 2,017' FSL sec. 17, T. 8 S., R. 9 W.	908	2/20/71	Hartselle Sandstone (Upper Mississippian)	A,O
2284	Energy Explorations, Inc., I. Batchelor No. 32-14, No. 1	650' FWL and 675' FSL SE 1/4 SW 1/4 sec. 32, T. 9 S., R. 10 W.	3,220	---	Knox Group (Lower Ordovician and Upper Cambrian)	G

¹ State oil and gas board permit number; source of data: Poe and others, 1979, and Haley, 1981.
² A, asphalt; O, oil; G, gas; N, log not available.

MAPS SHOWING MINES, QUARRIES, OIL AND GAS ACTIVITY, AND SAMPLE LOCALITIES IN AND NEAR THE SIPSEY WILDERNESS AND ADDITIONS, LAWRENCE AND WINSTON COUNTIES, ALABAMA

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