

PRELIMINARY GEOLOGIC MAP OF THE RAWHIDE SCHOOL QUADRANGLE,
CAMPBELL COUNTY, WYOMING

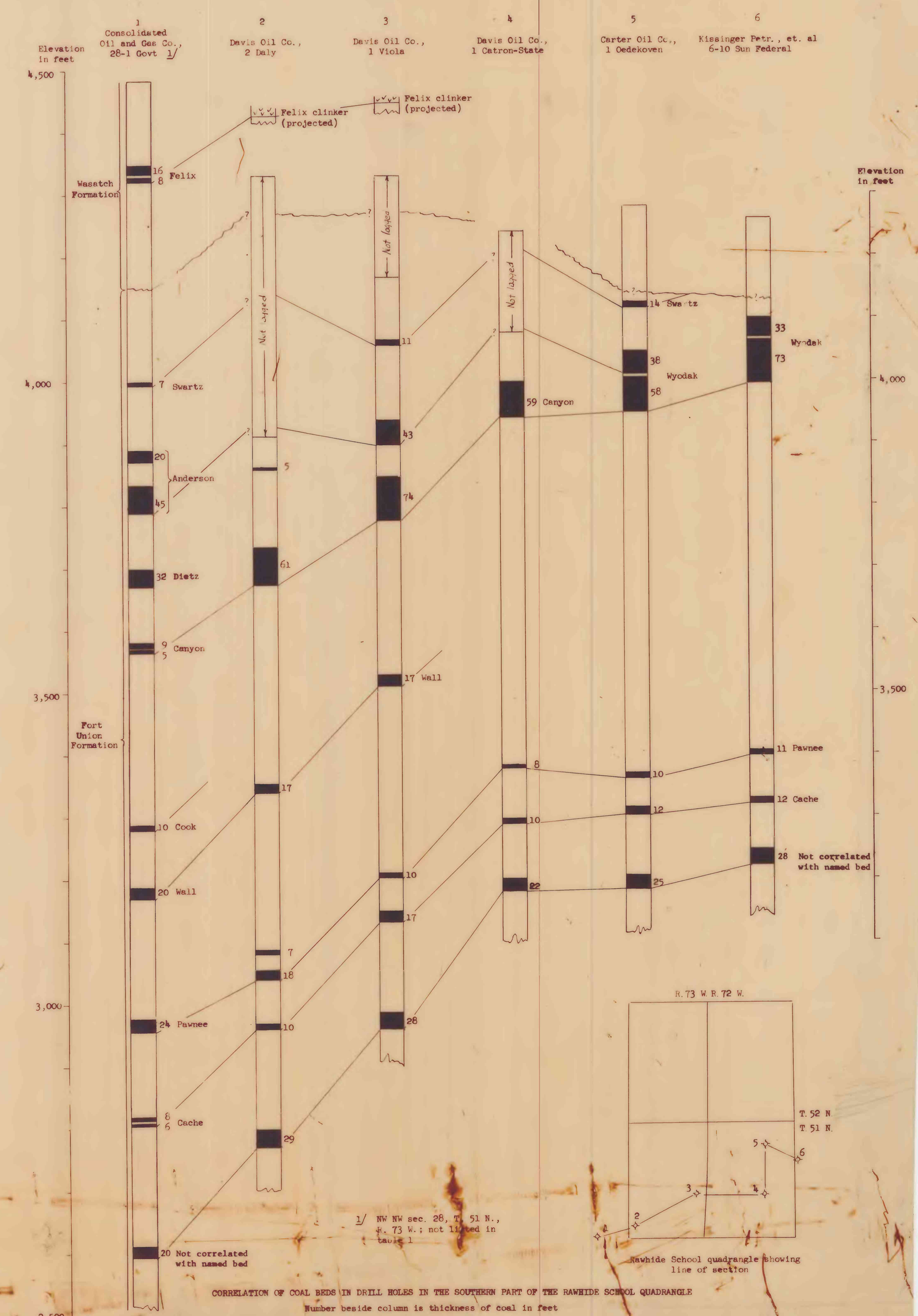
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U.S. Geological Survey
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This illustration is preliminary and has not been edited or reviewed for conformity with Geological Survey standards or nomenclature.

Table 1.--Principal coal beds in selected holes drilled for oil and gas in the Rawhide School quadrangle and adjacent areas. Thickness and depth in feet; SB, hole begins below the level of the bed; NR, hole begins below the coal interval. Data from electric and gamma ray logs examined by E. M. Schell, N. M. Benson, and W. J. Mopel.

Section	Well name	Ground elevation from map (in ft)	Smith		Swartz		Wyodak		Anderson		Canyon		Wall		Fawnee		Cache		Not correlated with named bed			
			Thick- ness	Depth to top	Thick- ness	Depth to top	Thick- ness	Depth to top	Thick- ness	Depth to top	Thick- ness	Depth to top	Thick- ness	Depth to top	Thick- ness	Depth to top	Thick- ness	Depth to top	Thick- ness	Depth to top	Thick- ness	Depth to top
T. 51 N., R. 73 W.																						
NW 3	Davis Oil Co., 1 Wagensen	4,125	SB	---	SB	---	NR	---	---	---	---	---	---	0	---	9	672	8	614	14	892	
SW 4	Carter Oil Co., 1 Oedekoven	4,220	SB	---	17	152	38	233	58	274	---	---	---	0	---	10	910	12	968	25	1,075	
NE 6	Atlantic Richfield Co., 1 Wagensen	4,198	NR	---	NR	---	NR	---	---	---	---	---	NR	---	NR	---	---	---	8	1,022	20	1,151
SE 10	Kissinger Petr. Corp., 6-10 Sun Federal	4,360	SB	---	0	---	33	159	73	197	---	---	---	0	---	11	856	12	931	29	1,013	
NE 16	Davis Oil Co., 1 Catron State	4,240	SB	---	NR	---	59	241	---	---	---	---	---	0	---	8	859	10	946	2	1,040	
T. 51 N., R. 73 W.																						
NW 10	Royal Resources Corp., 2-10 Daly	4,355	NR	---	NR	---	---	---	NR	---	51	702	13	1,035	16	1,364	9	1,447	25	1,600		
NE 13	Davis Oil Co., 1 Viola	4,330	NR	---	11	265	---	---	43	393	76	484	17	806	10	1,124	17	1,187	28	1,346		
SE 14	Davis Oil Co., 1 Cary-Federal	4,358	NR	---	NR	---	---	---	NR	---	NR	---	14	903	---	1,230	7	1,283	25	1,457		
NW 15	Atlantic Richfield Co., 4 Daly	4,280	NR	---	NR	---	---	---	NR	---	NR	---	15	931	13	1,237	10	1,322	22	1,490		
NE 22	Davis Oil Co., 2 Reserve Federal	4,330	NR	---	NR	---	---	---	NR	---	61	599	17	980	7	1,245	18	1,278	10	1,367	29	1,533
SE 23	Davis Oil Co., 2 Reserve Federal	4,323	NR	---	NR	---	---	---	NR	---	NR	---	16	814	10	1,218	8	1,302	24	1,473		
T. 52 N., R. 72 W.																						
NW 8	Hessent Oil Co., 1 Reid Federal	4,198	0	---	0	---	62	207	---	---	---	---	3	545	8	827	0	---	12	1,088		
NW 10	Goodstein, 52-10-1-4, 195	4,195	SB	---	SB	---	Burned	---	---	---	---	---	0	---	0	---	0	---	0	---		
SW 17	Davis Oil Co., 1 Myrtle	4,209	0	---	0	---	40	243	66	296	---	---	0	---	6	888	2	597	10	1,095		
NE 21	Consolidated Oil and Gas Co., 21-11 Federal	4,240	0	---	0	---	117	148	---	---	---	---	0	---	0	---	0	---	0	---		
SE 28	Kissinger Petr. Corp., 16-28 Champlin-Federal	4,300	0	---	0	---	88	150	---	---	---	---	0	---	10	865	3	970	14	1,073		
NE 32	Anschutz Corp., 1-32 Govt. 24	4,180	NR	---	NR	---	NR	---	---	---	---	---	0	---	20	826	15	864	22	1,042		
T. 52 N., R. 73 W.																						
SW 10	Davis Oil Co., 1 Youngblood	4,162	SB	---	NR	---	---	---	11	196	65	490	22	808	7	1,098	15	1,252	18	1,332		
SE 12	James Donoghue, 1 Cook	4,175	SB	---	NR	---	---	---	NR	---	60	268	8	628	4	639	7	955	6	1,021	15	1,202
NE 14	Davis Oil Co., 1 Parnell	4,234	SB	---	NR	---	---	---	12	200	50	412	16	734	11	1,107	8	1,205	19	1,304		
SE 15	Equity Oil Co., 1 Morel	4,265	SB	---	0	---	---	---	13	345	65	585	20	960	5	1,220	10	1,305	12	1,460		
NE 23	CRA Incorp., 23-1 Oedekoven	4,400	NR	---	NR	---	---	---	NR	---	48	620	15	941	6	1,287	7	1,313	18	1,515		
SE 27	U.S. Smelting, Ref., and Mining Co., 1-27 Daly Fed. A-385	4,387	14	265	0	---	---	---	15	574	98	653	17	1,051	12	1,356	16	1,487	13	1,631		
SE 36	Goodstein, 36-1 State	4,215	NR	---	NR	---	---	---	NR	---	60	410	11	722	9	1,042	5	1,110	20	1,305		

1/ Wyodak is a name used in the east half of the quadrangle; Anderson and Canyon are names used in the west half of the quadrangle for coals that appear to merge eastward to form the Wyodak bed.
2/ Name used for approximately equivalent bed in outcrop in Montana as correlated by P. T. Hayes and E. M. Schell (oral commun., 1973).



CORRELATION OF COAL BEDS IN DRILL HOLES IN THE SOUTHERN PART OF THE RAWHIDE SCHOOL QUADRANGLE. Number beside column is thickness of coal in feet.