

1/4	1/32	24	44.24 1	44.43 2	44.52 3	44.53 4	44.54 1	44.50 2	44.46 3	44.41 4	44.37 1	44.36 2	44.35 3	44.34 4	44.33 5	44.32 6	44.31 7	44.30 8	44.29 9	44.28 10	44.27 11	44.26 12	44.25 13	44.24 14	44.23 15	44.22 16	44.21 17	44.20 18	44.19 19	44.18 20	44.17 21	44.16 22	44.15 23	44.14 24	44.13 25	44.12 26	44.11 27	44.10 28	44.09 29	44.08 30	44.07 31	44.06 32	44.05 33	44.04 34	44.03 35	44.02 36	44.01 37	44.00 38	43.99 39	43.98 40	43.97 41	43.96 42	43.95 43	43.94 44	43.93 45	43.92 46	43.91 47	43.90 48	43.89 49	43.88 50	43.87 51	43.86 52	43.85 53	43.84 54	43.83 55	43.82 56	43.81 57	43.80 58	43.79 59	43.78 60	43.77 61	43.76 62	43.75 63	43.74 64	43.73 65	43.72 66	43.71 67	43.70 68	43.69 69	43.68 70	43.67 71	43.66 72	43.65 73	43.64 74	43.63 75	43.62 76	43.61 77	43.60 78	43.59 79	43.58 80	43.57 81	43.56 82	43.55 83	43.54 84	43.53 85	43.52 86	43.51 87	43.50 88	43.49 89	43.48 90	43.47 91	43.46 92	43.45 93	43.44 94	43.43 95	43.42 96	43.41 97	43.40 98	43.39 99	43.38 100	43.37 101	43.36 102	43.35 103	43.34 104	43.33 105	43.32 106	43.31 107	43.30 108	43.29 109	43.28 110	43.27 111	43.26 112	43.25 113	43.24 114	43.23 115	43.22 116	43.21 117	43.20 118	43.19 119	43.18 120	43.17 121	43.16 122	43.15 123	43.14 124	43.13 125	43.12 126	43.11 127	43.10 128	43.09 129	43.08 130	43.07 131	43.06 132	43.05 133	43.04 134	43.03 135	43.02 136	43.01 137	43.00 138	42.99 139	42.98 140	42.97 141	42.96 142	42.95 143	42.94 144	42.93 145	42.92 146	42.91 147	42.90 148	42.89 149	42.88 150	42.87 151	42.86 152	42.85 153	42.84 154	42.83 155	42.82 156	42.81 157	42.80 158	42.79 159	42.78 160	42.77 161	42.76 162	42.75 163	42.74 164	42.73 165	42.72 166	42.71 167	42.70 168	42.69 169	42.68 170	42.67 171	42.66 172	42.65 173	42.64 174	42.63 175	42.62 176	42.61 177	42.60 178	42.59 179	42.58 180	42.57 181	42.56 182	42.55 183	42.54 184	42.53 185	42.52 186	42.51 187	42.50 188	42.49 189	42.48 190	42.47 191	42.46 192	42.45 193	42.44 194	42.43 195	42.42 196	42.41 197	42.40 198	42.39 199	42.38 200	42.37 201	42.36 202	42.35 203	42.34 204	42.33 205	42.32 206	42.31 207	42.30 208	42.29 209	42.28 210	42.27 211	42.26 212	42.25 213	42.24 214	42.23 215	42.22 216	42.21 217	42.20 218	42.19 219	42.18 220	42.17 221	42.16 222	42.15 223	42.14 224	42.13 225	42.12 226	42.11 227	42.10 228	42.09 229	42.08 230	42.07 231	42.06 232	42.05 233	42.04 234	42.03 235	42.02 236	42.01 237	42.00 238	41.99 239	41.98 240	41.97 241	41.96 242	41.95 243	41.94 244	41.93 245	41.92 246	41.91 247	41.90 248	41.89 249	41.88 250	41.87 251	41.86 252	41.85 253	41.84 254	41.83 255	41.82 256	41.81 257	41.80 258	41.79 259	41.78 260	41.77 261	41.76 262	41.75 263	41.74 264	41.73 265	41.72 266	41.71 267	41.70 268	41.69 269	41.68 270	41.67 271	41.66 272	41.65 273	41.64 274	41.63 275	41.62 276	41.61 277	41.60 278	41.59 279	41.58 280	41.57 281	41.56 282	41.55 283	41.54 284	41.53 285	41.52 286	41.51 287	41.50 288	41.49 289	41.48 290	41.47 291	41.46 292	41.45 293	41.44 294	41.43 295	41.42 296	41.41 297	41.40 298	41.39 299	41.38 300	41.37 301	41.36 302	41.35 303	41.34 304	41.33 305	41.32 306	41.31 307	41.30 308	41.29 309	41.28 310	41.27 311	41.26 312	41.25 313	41.24 314	41.23 315	41.22 316	41.21 317	41.20 318	41.19 319	41.18 320	41.17 321	41.16 322	41.15 323	41.14 324	41.13 325	41.12 326	41.11 327	41.10 328	41.09 329	41.08 330	41.07 331	41.06 332	41.05 333	41.04 334	41.03 335	41.02 336	41.01 337	41.00 338	40.99 339	40.98 340	40.97 341	40.96 342	40.95 343	40.94 344	40.93 345	40.92 346	40.91 347	40.90 348	40.89 349	40.88 350	40.87 351	40.86 352	40.85 353	40.84 354	40.83 355	40.82 356	40.81 357	40.80 358	40.79 359	40.78 360	40.77 361	40.76 362	40.75 363	40.74 364	40.73 365	40.72 366	40.71 367	40.70 368	40.69 369	40.68 370	40.67 371	40.66 372	40.65 373	40.64 374	40.63 375	40.62 376	40.61 377	40.60 378	40.59 379	40.58 380	40.57 381	40.56 382	40.55 383	40.54 384	40.53 385	40.52 386	40.51 387	40.50 388	40.49 389	40.48 390	40.47 391	40.46 392	40.45 393	40.44 394	40.43 395	40.42 396	40.41 397	40.40 398	40.39 399	40.38 400	40.37 401	40.36 402	40.35 403	40.34 404	40.33 405	40.32 406	40.31 407	40.30 408	40.29 409	40.28 410	40.27 411	40.26 412	40.25 413	40.24 414	40.23 415	40.22 416	40.21 417	40.20 418	40.19 419	40.18 420	40.17 421	40.16 422	40.15 423	40.14 424	40.13 425	40.12 426	40.11 427	40.10 428	40.09 429	40.08 430	40.07 431	40.06 432	40.05 433	40.04 434	40.03 435	40.02 436	40.01 437	40.00 438	39.99 439	39.98 440	39.97 441	39.96 442	39.95 443	39.94 444	39.93 445	39.92 446	39.91 447	39.90 448	39.89 449	39.88 450	39.87 451	39.86 452	39.85 453	39.84 454	39.83 455	39.82 456	39.81 457	39.80 458	39.79 459	39.78 460	39.77 461	39.76 462	39.75 463	39.74 464	39.73 465	39.72 466	39.71 467	39.70 468	39.69 469	39.68 470	39.67 471	39.66 472	39.65 473	39.64 474	39.63 475	39.62 476	39.61 477	39.60 478	39.59 479	39.58 480	39.57 481	39.56 482	39.55 483	39.54 484	39.53 485	39.52 486	39.51 487	39.50 488	39.49 489	39.48 490	39.47 491	39.46 492	39.45 493	39.44 494	39.43 495	39.42 496	39.41 497	39.40 498	39.39 499	39.38 500	39.37 501	39.36 502	39.35 503	39.34 504	39.33 505	39.32 506	39.31 507	39.30 508	39.29 509	39.28 510	39.27 511	39.26 512	39.25 513	39.24 514	39.23 515	39.22 516	39.21 517	39.20 518	39.19 519	39.18 520	39.17 521	39.16 522	39.15 523	39.14 524	39.13 525	39.12 526	39.11 527	39.10 528	39.09 529	39.08 530	39.07 531	39.06 532	39.05 533	39.04 534	39.03 535	39.02 536	39.01 537	39.00 538	38.99 539	38.98 540	38.97 541	38.96 542	38.95 543	38.94 544	38.93 545	38.92 546	38.91 547	38.90 548	38.89 549	38.88 550	38.87 551	38.86 552	38.85 553	38.84 554	38.83 555	38.82 556	38.81 557	38.80 558	38.79 559	38.78 560	38.77 561	38.76 562	38.75 563	38.74 564	38.73 565	38.72 566	38.71 567	38.70 568	38.69 569	38.68 570	38.67 571	38.66 572	38.65 573	38.64 574	38.63 575	38.62 576	38.61 577	38.60 578	38.59 579	38.58 580	38.57 581	38.56 582	38.55 583	38.54 584	38.53 585	38.52 586	38.51 587	38.50 588	38.49 589	38.48 590	38.47 591	38.46 592	38.45 593	38.44 594	38.43 595	38.42 596	38.41 597	38.40 598	38.39 599	38.38 600	38.37 601	38.36 602	38.35 603	38.34 604	38.33 605	38.32 606	38.31 607	38.30 608	38.29 609	38.28 610	38.27 611	38.26 612	38.25 613	38.24 614	38.23 615	38.22 616	38.21 617	38.20 618	38.19 619	38.18 620	38.17 621	38.16 622	38.15 623	38.14 624	38.13 625	38.12 626	38.11 627	38.10 628	38.09 629	38.08 630	38.07 631	38.06 632	38.05 633	38.04 634	38.03 635	38.02 636	38.01 637	38.00 638	37.99 639	37.98 640	37.97 641	37.96 642	37.95 643	37.94 644	37.93 645	37.92 646	37.91 647	37.90 648	37.89 649	37.88 650	37.87 651	37.86 652	37.85 653	37.84 654	37.83 655	37.82 656	37.81 657	37.80 658	37.79 659	37.78 660	37.77 661	37.76 662	37.75 663	37.74 664	37.73 665	37.72 666	37.71 667	37.70 668	37.69 669	37.68 670	37.67 671	37.66 672	37.65 673	37.64 674	37.63 675	37.62 676	37.61 677	37.60 678	37.59 679	37.58 680	37.57 681	37.56 682	37.55 683	37.54 684	37.53 685	37.52 686	37.51 687	37.50 688	37.49 689	37.48 690	37.47 691	37.46 692	37.45 693	37.44 694	37.43 695	37.42 696	37.41 697	37.40 698	37.39 699	37.38 700	37.37 701	37.36 702	37.35 703	37.34 704	37.33 705	37.32 706	37.31 707	37.30 708	37.29 709	37.28 710	37.27 711	37.26 712	37.25 713	37.24 714	37.23 715	37.22 716	37.21 717	37.20 718	37.19 719	37.18 720	37.17 721	37.16 722	37.15 723	37.14 724	37.13 725	37.12 726	37.11 727	37.10 728	37.09 729	37.08 730	37.07 731	37.06 732	37.05 733	37.04 734	37.03 735	37.02 736	37.01 737	37.00 738	36.99 739	36.98 740	36.97 741	36.96 742	36.95 743	36.94 744	36.93 745	36.92 746	36.91 747	36.90 748	36.89 749	36.88 750	36.87 751	36.86 752	36.85 753	36.84 754	36.83 755	36.82 756	36.81 757	36.80 758	36.79 759	36.78 760	36.77 761	36.76 762	36.75 763	36.74 764	36.73 765	36.72 766	36.71 767	36.70 768	36.69 769	36.68 770	36.67 771	36.66 772	36.65 773	36.64 774	36.63 775	36.62 776	36.61 777	36.60 778	36.59 779	36.58 780	36.57 781	36.56 782	36.55 783	36.54 784	36.53 785	36.52 786	36.51 787	36.50 788	36.49 789	36.48 790	36.47 791	36.46 792	36.45 793	36.44 794	36.43 795	36.42 796	36.41 797	36.40 798	36.39 799	36.38 800	36.37 801	36.36 802	36.35 803	36.34 804	36.33 805	36.32 806	36.31 807	36.30 808	36.29 809	36.28 810	36.27 811	36.26 812	36.25 813	36.24 814	36.23 815	36.22 816	36.21 817	36.20 818	36.19 819	36.18 820	36.17 821	36.16 822	36.15 823	36.14 824	36.13 825	36.12 826	36.11 827	36.10 828	36.09 829	36.08 830	36.07 831	36.06 832	36.05 833	36.04 834	36.03 835	36.02 836	36.01 837	36.00 838	35.99 839	35.98 840	35.97 841	35.96 842	35.95 843	35.94 844	35.93 845	35.92 846	35.91 847	35.90 848	35.89 849	35.88 850	35.87 851	35.86 852	35.85 853	35.84 854	35.83 855	35.82 856	35.81 857	35.80 858	35.79 859	35.78 860	35.77 861	35.76 862	35.75 863	35.74 864	35.73 865	35.72 866	35.71 867	35.70 868	35.69 869	35.68 870	35.67 871	35.66 872	35.65 873	35.64 874	35.63 875	35.62 876	35.61 877	35.60 878	35.59 879	35.58 880	35.57 881	35.56
-----	------	----	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-------

BEFORE EXAMINER CATANACH

OIL CONSERVATION DIVISION

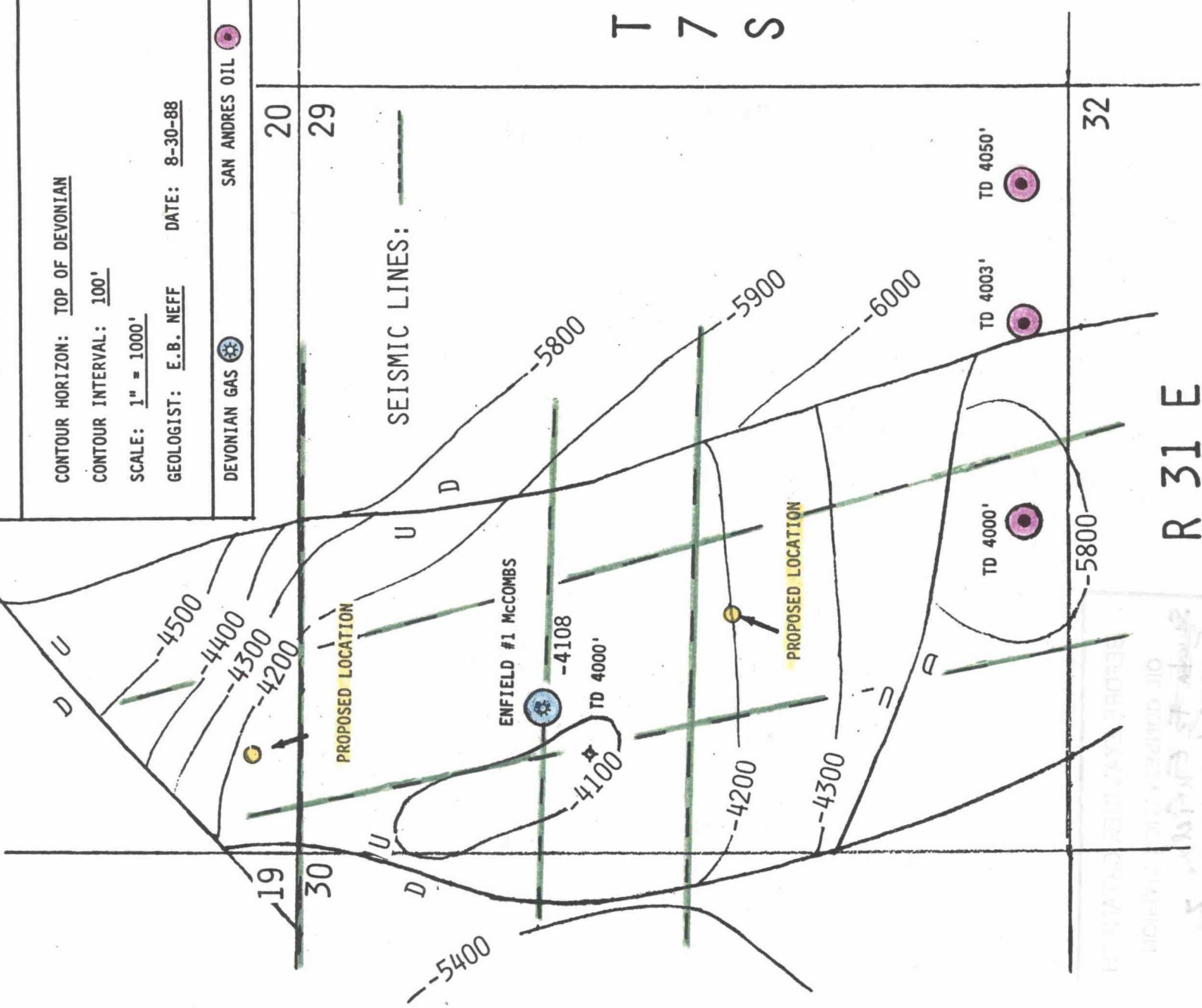
Enfiled EXHIBIT NO. 1

CASE NOS. 9481 + 9482

ROBERT N. ENFIELD
CHAVES COUNTY, NEW MEXICO

CONTOUR HORIZON: TOP OF DEVONIAN
CONTOUR INTERVAL: 100'
SCALE: 1" = 1000'
GEOLOGIST: E.B. NEFF
DATE: 8-30-88

DEVONIAN GAS
SAN ANDRES OIL



COMPENSATED NEUTRON/LITHO DENSITY
Field log

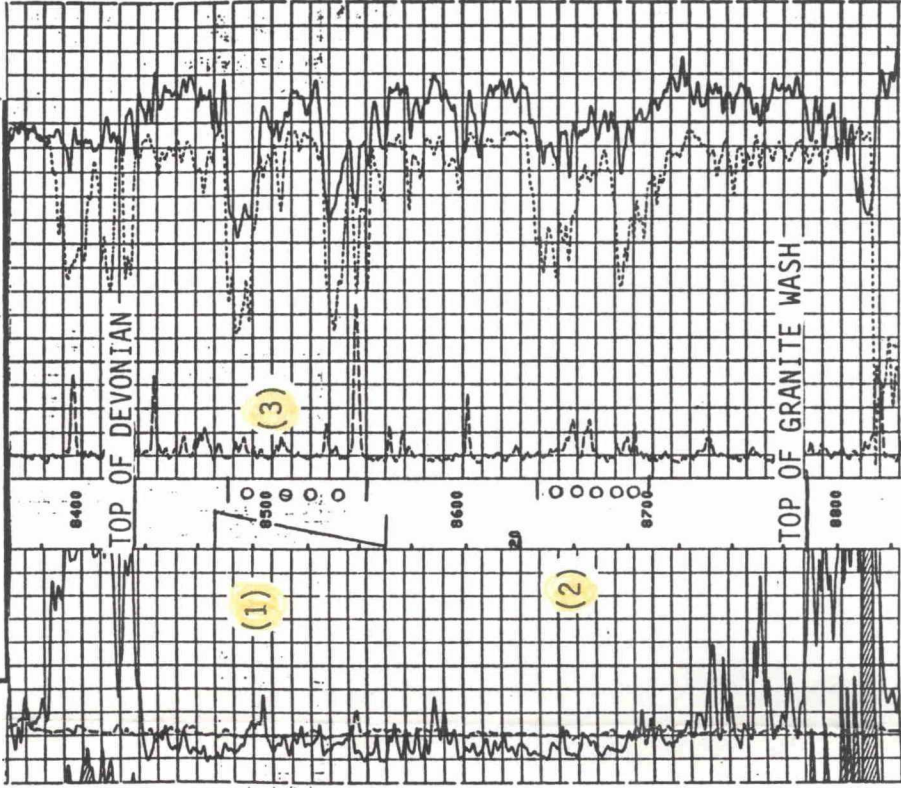
CSU

COMPANY: ROBERT N. ENFIELD
WELL: EAST MC COMBS NO. 1
FIELD: HILDCAT
COUNTY: CHAVES
STATE: NEW MEXICO
NATION: U.S.A.
LOCATION: 1850' FNL & 990' FNL
SEC: 29
TWP: 7S
RGE: 31E

PERMANENT DATUM: G.L.
ELEV. OF PERM. DATUM: 4304.0 F
LOG MEASURED FROM: K.B.
14.0 F ABOVE PERM. DATUM
DRLG. MEASURED FROM: K.B.
ELEVATIONS:
KB: 4318.0 F
DF: 4317.8 F
GL: 4304.0 F

DATE: 29 FEB 88
RUN NO: ONE
API SERIAL NO: 30005E1071

DEPTH-DRILLER: 9182.0 F
DEPTH-LOGGER: 9181.0 F
BPM LOG INTERVAL: 9178.0 F
TOP LOG INTERVAL: 0.0 F
CASING-DRILLER: 3500.0 F
CASING-LOGGER: 3497.0 F
CASING: 8 5/8"
HEIGHT: 24.0000 LB/F
BIT SIZE: 7 7/8"
DEPTH: 9182.0 F



(1)
SP DST 8470-8560'; Op 3' 30"
GTS @ 125 MCFGPD
Rec 217' GCDM
ISIP 2924#/2'
FP 77-170#
FSIP 3145#/9'

(2)
PERF 8639-97'; A/500 gals
Swb wtr w/NS
Est prod rate 2000 BWP
Set RBP @ 8590'

(3)
PERF 8477-8551'; A/3600 gals
IPCAOF 1.802 MCFGPD;
GOR 8.9 MCF/Bbl
AUG 88: Approx 500 MCFGPD +
30 BOPD

Examiner C. Ketch
Case No. 9481 + 9482
EXHIBIT NO. 2

BEFORE EXAMINER CATANACH

OIL CONSERVATION DIVISION

~~SEATTLE~~ ~~FIELD~~ ~~EXHIBIT NO.~~ ~~2~~

CASE NOS 9481 + 9482