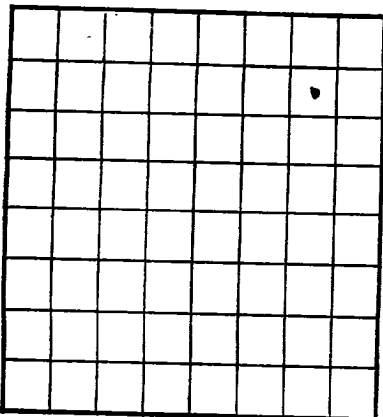
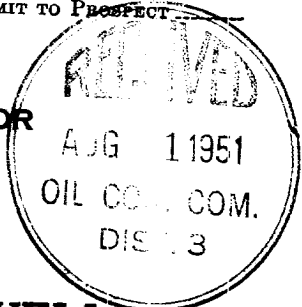




U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078128
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company J. Glenn Turner Address c/o San Juan Drilling Company
Lessor or Tract Turner-Federal No. 1 Field Blanco State New Mexico
Well No. 1 Sec. 28 T. 30N R. 9W Meridian NMPM County San Juan
Location 220 ft. [S.] of N Line and 990 ft. [E.] of E Line of Sec. 28 Elevation 5,862 ft.
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed Original signed by NEAL MARTIN
Date January 15, 1951 Title Drilling Superintendent

The summary on this page is for the condition of the well at above date.

Commenced drilling October 26, 1951, 19 Finished drilling January 1, 1951, 19

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4,815 to 4,960 - 3 No. 4, from to
No. 2, from to No. 5, from to
No. 3, from to No. 6, from to

IMPORTANT WATER SANDS

No. 1, from to No. 3, from to
No. 2, from to No. 4, from to

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
10-3/4"	32.75	8 PT	Natl. Steel	215	None	Surface			Surface
7"	20	8 PT	Natl. Steel	4,725	None	Long string			Long string
2"	4.75	8 PT	Natl. Steel	4,815	None	Production			Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"	215	200 sacks	Halliburton	9.01	
7"	4,725	200 sacks	Halliburton	10.00	
7"		30-cemented with 50	sacks cement, 1 of gel, 1	Flourol. Retainer	
2"	4,850	None			2,211 ft.

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set
Adapters—Material Size

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
Cts.	Tin	Independent Torpedo	570	1/4/51	4,800-4,960	4,960 ft.

TOOLS USED

Rotary tools were used from 0 feet to 4,725 feet, and from feet to feet
Cable tools were used from 4,725 feet to 4,960 feet, and from feet to feet

DATES

Cable Rig taken down January 5, 1951, 19 Put to producing Well Shut in 1/5/51, 19

The production for the first 24 hours was 2,800 MCF Barrels of fluid of which % was oil; % emulsion; % water; and % sediment. Gravity, °Bé.

If gas well, cu. ft. per 24 hours 3,800 MCF Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. Unknown

EMPLOYEES

E. A. Taylor, Driller Henry Langley, Driller
C. B. Marshfield, Driller J. F. Williams, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	255	255	Sand
255	280	25	Sand
280	350	70	Shale and Sandy Shale
350	370	20	Sand
370	388	18	Shale
388	410	22	Sand
410	455	45	Shale
455	490	35	Sand
490	510	20	Shale
510	518	8	Sand
518	568	50	Shale
568	595	27	Sand
595	605	10	Shale
605	616	11	Sand
616	700	84	Sandy Shale
700	734	34	Sand
734	750	16	Sandy Shale
750	775	25	Interbedded sand and shale
775	795	20	Sand
795	803	8	Shale
803	824	21	Sand
824	920	96	Shale with thin beds of sand
920	990	70	Sand
990	1000	10	Coal
1000	1103	103	Shale with thin beds of sand
1103	1128	25	Sand

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

A blank sheet of graph paper with a grid pattern. The grid consists of 10 columns and 8 rows of squares. There are two small dark spots near the top left corner.

Date January 12, 1925
 Title
 Position
 Signed _____
 The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.
 Location 222 ft. (S) of _____ line and _____ ft. (W) of _____ line of _____ Sec. 28
 Well No. 1 Sec. 28 T. 28N. R. 30W. Meridian
 Lessor or Trust _____
 Company _____
 Address _____
 State _____
 County _____
 Field _____
 Elevation _____
 (Correct floor relative to sea level)

The summary on this page is for the condition of the well as above stated.

Commenced drilling _____ 19____
Finished drilling _____ 19____

OIL OR GAS SANDS OR ZONES

① 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000 1001 1002 1003 1004 1005 1006 1007 1008 1009 1010 1011 1012 1013 1014 1015 1016 1017 1018 1019 1020 1021 1022 1023 1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036 1037 1038 1039 104

No. 1 from	to	No. 4 from	to
No. 2 from	to	No. 5 from	to
No. 3 from	to	No. 6 from	to

IMPORTANT WATER SANDS

to No. 1 from
to No. 2 from

CASING RECORD

Size each	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Port of origin To— From—	Purpose
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It is of the greatest importance to have a complete history of the well. Please state in detail the dates of returning, to get the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was added or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If pigs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

HISTORY OF OIL OR GAS WELL

16-43084-1 U. S. GOVERNMENT PRINTING OFFICE

MUDDING AND CEMENTING RECORD

Coating Name	Where set	Number sacks of cement	Method used	Kind of gravel	Amount of mud used
0-10	11	10	10	10	10
11	11	10	10	10	10
12	11	10	10	10	10
13	11	10	10	10	10
14	11	10	10	10	10
15	11	10	10	10	10
16	11	10	10	10	10
17	11	10	10	10	10
18	11	10	10	10	10
19	11	10	10	10	10
20	11	10	10	10	10
21	11	10	10	10	10
22	11	10	10	10	10
23	11	10	10	10	10
24	11	10	10	10	10
25	11	10	10	10	10
26	11	10	10	10	10
27	11	10	10	10	10
28	11	10	10	10	10
29	11	10	10	10	10
30	11	10	10	10	10
31	11	10	10	10	10
32	11	10	10	10	10
33	11	10	10	10	10
34	11	10	10	10	10
35	11	10	10	10	10
36	11	10	10	10	10
37	11	10	10	10	10
38	11	10	10	10	10
39	11	10	10	10	10
40	11	10	10	10	10
41	11	10	10	10	10
42	11	10	10	10	10
43	11	10	10	10	10
44	11	10	10	10	10
45	11	10	10	10	10
46	11	10	10	10	10
47	11	10	10	10	10
48	11	10	10	10	10
49	11	10	10	10	10
50	11	10	10	10	10
51	11	10	10	10	10
52	11	10	10	10	10
53	11	10	10	10	10
54	11	10	10	10	10
55	11	10	10	10	10
56	11	10	10	10	10
57	11	10	10	10	10
58	11	10	10	10	10
59	11	10	10	10	10
60	11	10	10	10	10
61	11	10	10	10	10
62	11	10	10	10	10
63	11	10	10	10	10
64	11	10	10	10	10
65	11	10	10	10	10
66	11	10	10	10	10
67	11	10	10	10	10
68	11	10	10	10	10
69	11	10	10	10	10
70	11	10	10	10	10
71	11	10	10	10	10
72	11	10	10	10	10
73	11	10	10	10	10
74	11	10	10	10	10
75	11	10	10	10	10
76	11	10	10	10	10
77	11	10	10	10	10
78	11	10	10	10	10
79	11	10	10	10	10
80	11	10	10	10	10
81	11	10	10	10	10
82	11	10	10	10	10

PLUGS AND ADAPTERS

Adapters—Material	Size	Length	Depth set
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SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
10"	70%	100 lbs.	100	1918	100	100

TOOLS USED

feet	feet to	feet, and from	feet to	feet, and from	feet to	feet, and from
feet	feet to	feet, and from	feet to	feet, and from	feet to	feet, and from

DATE

19	Put to producing	19
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The production for the first 24 hours was 3,000 barrels of fluid of which 2% was oil.

Provision:	% water and % sediment	Gravity: 84°
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[illegible][illegible]

EMPLOYEES

Driller	Driller
Driller	Driller

FORMATION RECORD

FROM -	TO -	TOTAL FEET	FORMATION
1128	1135	7	Sandy shale
1135	1165	30	Sand
1165	1175	10	Coal
1175	1220	45	Shale
1220	1250	30	Sand
1250	1265	15	Shale
1265	1275	10	Sand
1275	1298	23	Shale
1298	1500	202	Sand
1500	1605	105	Shale with thin beds of sand. Top of
1605	1730	125	Interbedded sand and shale
1730	1895	165	Sand with thin beds of shale
1895	2170	275	Shale
2170	2573	403	Interbedded sand, shale, and coal. Top of
2573	2614	41	Frutland Formation at 2170.
2614	41207	1593	Sand. Top of pictured cliffs formation 2573
41207	41409	202	Shale and Sandy shale. Top of Lewis Formati
41409	41815	406	at 2614.
41815	4706	292	Sand with thin beds of shale. Top of cliff
4706	47409	403	House Formation at 4207.
47409	47815	406	Interbedded sand, shale, and coal. Top of
47815	47815	0	Menefee Formation at 47409.
			Sand with some interbedded carbonaceous sha
			Top of Point Lookout at 47815.

FORMATION

REMARKS:

5 PAGE 01