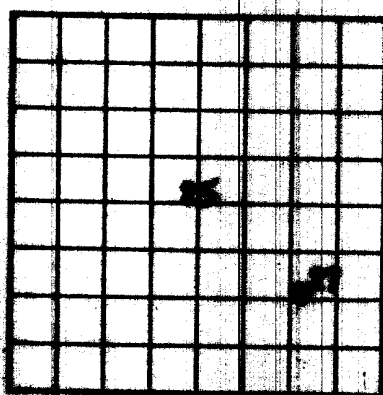


U. S. LAND OFFICE Las CrucesSERIAL NUMBER 058697-3

LEASE OR PERMIT TO PROSPECT \_\_\_\_\_



LOCATE WELL CORRECTLY

**UNITED STATES**  
**DEPARTMENT OF THE INTERIOR**  
**GEOLOGICAL SURVEY**

**LOG OF OIL OR GAS WELL**

Company Kenneth Oil Company Address P.O. Box 2239, Tulsa 1, Oklahoma  
 Lessor or Tract None Field Maljano State New Mexico  
 Well No. 27 Sec. 25 T. 13N R. 3E Meridian N.M.P.M. County Lea  
 Location 1235A of N. Line and 1235A of E. Line of Sec. 25 Elevation 4000.3'  
 (Datum: 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 E. P. [Signature]Date October 22, 1949Title Asst. Production Supt.

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

Commenced drilling June 21, 1949 Finished drilling September 15, 1949**OIL OR GAS SANDS OR BONES**

(Denote gas by G)

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**

No. 1, from 4512 to 4516 No. 3, from 4516 to 4530  
 No. 2, from 4512 to 4516 No. 4, from \_\_\_\_\_ to \_\_\_\_\_

**CASING RECORD**

| Casing     | Weight per foot | Length per joint | Make      | Amount | Kind of shoe | Out and pulled from | Perforated |     | Purpose |
|------------|-----------------|------------------|-----------|--------|--------------|---------------------|------------|-----|---------|
|            |                 |                  |           |        |              |                     | From—      | To— |         |
| 5" 13.3 lb | 13.3            | 10               | Hydramant | 100    | Ball         | Surface             |            |     | Running |
| 4" 10.2 lb | 10.2            | 10               | Hydramant | 100    | Ball         | Surface             |            |     | Running |
| 3" 7.7 lb  | 7.7             | 10               | Hydramant | 100    | Ball         | Surface             |            |     | Running |
| 2" 4.4 lb  | 4.4             | 10               | Hydramant | 100    | Ball         | Surface             |            |     | Running |
| 1" 2.2 lb  | 2.2             | 10               | Hydramant | 100    | Ball         | Surface             |            |     | Running |

**MUDDING AND CEMENTING RECORD**

| Size    | Wharfed | Number made of cement | Method used | Mud gravity | Amount of mud used |
|---------|---------|-----------------------|-------------|-------------|--------------------|
| 4" 1/2" | 100     | 75                    | Ball        |             |                    |
| 7"      | 300     | 200                   | Ball        |             |                    |

**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 |
|------|------------|----------------|----------|------|------------|-------------------|
|      |            | NOT SHOT       |          |      |            |                   |

**TOOLS USED**

Rotary tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ and from \_\_\_\_\_ feet to \_\_\_\_\_

Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ and from \_\_\_\_\_ feet to \_\_\_\_\_

PT 90 PT 95 JS \_\_\_\_\_ 19 \_\_\_\_\_

PT 35 PT 40 JS \_\_\_\_\_ 19 \_\_\_\_\_

PT 35 PT 35 JS \_\_\_\_\_ 19 \_\_\_\_\_

PT 35 PT 35 JS \_\_\_\_\_ 19 \_\_\_\_\_

PT 35 PT 35 JS \_\_\_\_\_ 19 \_\_\_\_\_

PT 35 PT 35 JS \_\_\_\_\_ 19 \_\_\_\_\_

PT 35 PT 35 JS \_\_\_\_\_ 19 \_\_\_\_\_

PT 35 PT 35 JS \_\_\_\_\_ 19 \_\_\_\_\_

PT 35 PT 35 JS \_\_\_\_\_ 19 \_\_\_\_\_

PT 35 PT 35 JS \_\_\_\_\_ 19 \_\_\_\_\_

PT 35 PT 35 JS \_\_\_\_\_ 19 \_\_\_\_\_

PT 35 PT 35 JS \_\_\_\_\_ 19 \_\_\_\_\_

PT 35 PT 35 JS \_\_\_\_\_ 19 \_\_\_\_\_

PT 35 PT 35 JS \_\_\_\_\_ 19 \_\_\_\_\_

PT 35 PT 35 JS \_\_\_\_\_ 19 \_\_\_\_\_

PT 35 PT 35 JS \_\_\_\_\_ 19 \_\_\_\_\_

PT 35 PT 35 JS \_\_\_\_\_ 19 \_\_\_\_\_

PT 35 PT 35 JS \_\_\_\_\_ 19 \_\_\_\_\_

PT 35 PT 35 JS \_\_\_\_\_ 19 \_\_\_\_\_

PT 35 PT 35 JS \_\_\_\_\_ 19 \_\_\_\_\_

PT 35 PT 35 JS \_\_\_\_\_ 19 \_\_\_\_\_

PT 35 PT 35 JS \_\_\_\_\_ 19 \_\_\_\_\_

PT 35 PT 35 JS \_\_\_\_\_ 19 \_\_\_\_\_

PT 35 PT 35 JS \_\_\_\_\_ 19 \_\_\_\_\_

PT 35 PT 35 JS \_\_\_\_\_ 19 \_\_\_\_\_

PT 35 PT 35 JS \_\_\_\_\_ 19 \_\_\_\_\_

PT 35 PT 35 JS \_\_\_\_\_ 19 \_\_\_\_\_

PT 35 PT 35 JS \_\_\_\_\_ 19 \_\_\_\_\_

PT 35 PT 35 JS \_\_\_\_\_ 19 \_\_\_\_\_

PT 35 PT 35 JS \_\_\_\_\_ 19 \_\_\_\_\_

PT 35 PT 35 JS \_\_\_\_\_ 19 \_\_\_\_\_

PT 35 PT 35 JS \_\_\_\_\_ 19 \_\_\_\_\_

PT 35 PT 35 JS \_\_\_\_\_ 19 \_\_\_\_\_

PT 35 PT 35 JS \_\_\_\_\_ 19 \_\_\_\_\_

PT 35 PT 35 JS \_\_\_\_\_ 19 \_\_\_\_\_

PT 35 PT 35 JS \_\_\_\_\_ 19 \_\_\_\_\_

PT 35 PT 35 JS \_\_\_\_\_ 19 \_\_\_\_\_

PT 35 PT 35 JS \_\_\_\_\_ 19 \_\_\_\_\_

PT 35 PT 35 JS \_\_\_\_\_ 19 \_\_\_\_\_

FORMATION RECORD—Continued

# FORMATION RECORD—Continued

| DEPTH | FORMATION | TOTAL FEET | FORMATION                              |
|-------|-----------|------------|----------------------------------------|
| 2270  |           | 10         | Red sandy shale and anhydrite          |
| 2275  |           | 13         | Anhydrite and sand                     |
| 2280  |           | 15         | Anhydrite                              |
| 2285  |           | 16         | Lime                                   |
| 2290  |           | 18         | Red sandy shale                        |
| 2295  |           | 20         | Anhydrite and sandy shale              |
| 2300  |           | 21         | Sand                                   |
| 2305  |           | 23         | Anhydrite                              |
| 2310  |           | 25         | Lime                                   |
| 2315  |           | 28         | Anhydrite                              |
| 2320  |           | 30         | Anhydrite and lime                     |
| 2325  |           | 33         | Anhydrite                              |
| 2330  |           | 35         | Red sandy shale                        |
| 2335  |           | 36         | Red sandy shale and gray lime          |
| 2340  |           | 38         | Red sandy shale, anhydrite & gray lime |
| 2345  |           | 40         | SIL Correction. (Top of lime)          |
| 2350  |           | 42         | Gray lime                              |
| 2355  |           | 44         | Gray lime and red sandy shale          |
| 2360  |           | 46         | Gray sandy lime                        |
| 2365  |           | 48         | Gray and blue lime                     |
| 2370  |           | 50         | Gray lime                              |
| 2375  |           | 52         | Gray sandy lime                        |
| 2380  |           | 54         | Gray lime                              |
| 2385  |           | 56         | Gray sandy lime                        |
| 2390  |           | 58         | Gray and white lime                    |
| 2395  |           | 60         | White sandy lime                       |
| 2400  |           | 62         | White lime & gray sand                 |
| 2405  |           | 64         | White lime & sand (water)              |
| 2410  |           | 66         | Light dolomite & gray sand             |
| 2415  |           | 68         | Light sand                             |
| 2420  |           | 70         | Light gray sand                        |
| 2425  |           | 72         | Light sand and dolomite                |
| 2430  |           | 74         | Light gray sand                        |
| 2435  |           | 76         | Gray sand                              |
| 2440  |           | 78         | Light gray sand                        |
| 2445  |           | 80         | Light gray sand & white dolomite       |
| 2450  |           | 82         | White lime                             |
| 2455  |           | 84         | White lime & gray sand                 |
| 2460  |           | 86         | White lime                             |
| 2465  |           | 88         | White lime                             |
| 2470  |           | 90         | White lime                             |
| 2475  |           | 92         | White lime                             |
| 2480  |           | 94         | White lime                             |
| 2485  |           | 96         | White lime                             |
| 2490  |           | 98         | White lime                             |
| 2495  |           | 100        | White lime                             |
| 2500  |           | 102        | White lime                             |
| 2505  |           | 104        | White lime                             |
| 2510  |           | 106        | White lime                             |
| 2515  |           | 108        | White lime                             |
| 2520  |           | 110        | White lime                             |
| 2525  |           | 112        | White lime                             |
| 2530  |           | 114        | White lime                             |
| 2535  |           | 116        | White lime                             |
| 2540  |           | 118        | White lime                             |
| 2545  |           | 120        | White lime                             |
| 2550  |           | 122        | White lime                             |
| 2555  |           | 124        | White lime                             |
| 2560  |           | 126        | White lime                             |
| 2565  |           | 128        | White lime                             |
| 2570  |           | 130        | White lime                             |
| 2575  |           | 132        | White lime                             |
| 2580  |           | 134        | White lime                             |
| 2585  |           | 136        | White lime                             |
| 2590  |           | 138        | White lime                             |
| 2595  |           | 140        | White lime                             |
| 2600  |           | 142        | White lime                             |
| 2605  |           | 144        | White lime                             |
| 2610  |           | 146        | White lime                             |
| 2615  |           | 148        | White lime                             |
| 2620  |           | 150        | White lime                             |
| 2625  |           | 152        | White lime                             |
| 2630  |           | 154        | White lime                             |
| 2635  |           | 156        | White lime                             |
| 2640  |           | 158        | White lime                             |
| 2645  |           | 160        | White lime                             |
| 2650  |           | 162        | White lime                             |
| 2655  |           | 164        | White lime                             |
| 2660  |           | 166        | White lime                             |
| 2665  |           | 168        | White lime                             |
| 2670  |           | 170        | White lime                             |
| 2675  |           | 172        | White lime                             |
| 2680  |           | 174        | White lime                             |
| 2685  |           | 176        | White lime                             |
| 2690  |           | 178        | White lime                             |
| 2695  |           | 180        | White lime                             |
| 2700  |           | 182        | White lime                             |
| 2705  |           | 184        | White lime                             |
| 2710  |           | 186        | White lime                             |
| 2715  |           | 188        | White lime                             |
| 2720  |           | 190        | White lime                             |
| 2725  |           | 192        | White lime                             |
| 2730  |           | 194        | White lime                             |
| 2735  |           | 196        | White lime                             |
| 2740  |           | 198        | White lime                             |
| 2745  |           | 200        | White lime                             |
| 2750  |           | 202        | White lime                             |
| 2755  |           | 204        | White lime                             |
| 2760  |           | 206        | White lime                             |
| 2765  |           | 208        | White lime                             |
| 2770  |           | 210        | White lime                             |
| 2775  |           | 212        | White lime                             |
| 2780  |           | 214        | White lime                             |
| 2785  |           | 216        | White lime                             |
| 2790  |           | 218        | White lime                             |
| 2795  |           | 220        | White lime                             |
| 2800  |           | 222        | White lime                             |
| 2805  |           | 224        | White lime                             |
| 2810  |           | 226        | White lime                             |
| 2815  |           | 228        | White lime                             |
| 2820  |           | 230        | White lime                             |
| 2825  |           | 232        | White lime                             |
| 2830  |           | 234        | White lime                             |
| 2835  |           | 236        | White lime                             |
| 2840  |           | 238        | White lime                             |
| 2845  |           | 240        | White lime                             |
| 2850  |           | 242        | White lime                             |
| 2855  |           | 244        | White lime                             |
| 2860  |           | 246        | White lime                             |
| 2865  |           | 248        | White lime                             |
| 2870  |           | 250        | White lime                             |
| 2875  |           | 252        | White lime                             |
| 2880  |           | 254        | White lime                             |
| 2885  |           | 256        | White lime                             |
| 2890  |           | 258        | White lime                             |
| 2895  |           | 260        | White lime                             |
| 2900  |           | 262        | White lime                             |
| 2905  |           | 264        | White lime                             |
| 2910  |           | 266        | White lime                             |
| 2915  |           | 268        | White lime                             |
| 2920  |           | 270        | White lime                             |
| 2925  |           | 272        | White lime                             |
| 2930  |           | 274        | White lime                             |
| 2935  |           | 276        | White lime                             |
| 2940  |           | 278        | White lime                             |
| 2945  |           | 280        | White lime                             |
| 2950  |           | 282        | White lime                             |
| 2955  |           | 284        | White lime                             |
| 2960  |           | 286        | White lime                             |
| 2965  |           | 288        | White lime                             |
| 2970  |           | 290        | White lime                             |
| 2975  |           | 292        | White lime                             |
| 2980  |           | 294        | White lime                             |
| 2985  |           | 296        | White lime                             |
| 2990  |           | 298        | White lime                             |
| 2995  |           | 300        | White lime                             |
| 3000  |           | 302        | White lime                             |
| 3005  |           | 304        | White lime                             |
| 3010  |           | 306        | White lime                             |
| 3015  |           | 308        | White lime                             |
| 3020  |           | 310        | White lime                             |
| 3025  |           | 312        | White lime                             |
| 3030  |           | 314        | White lime                             |
| 3035  |           | 316        | White lime                             |
| 3040  |           | 318        | White lime                             |
| 3045  |           | 320        | White lime                             |
| 3050  |           | 322        | White lime                             |
| 3055  |           | 324        | White lime                             |
| 3060  |           | 326        | White lime                             |
| 3065  |           | 328        | White lime                             |
| 3070  |           | 330        | White lime                             |
| 3075  |           | 332        | White lime                             |
| 3080  |           | 334        | White lime                             |
| 3085  |           | 336        | White lime                             |
| 3090  |           | 338        | White lime                             |
| 3095  |           | 340        | White lime                             |
| 3100  |           | 342        | White lime                             |
| 3105  |           | 344        | White lime                             |
| 3110  |           | 346        | White lime                             |
| 3115  |           | 348        | White lime                             |
| 3120  |           | 350        | White lime                             |
| 3125  |           | 352        | White lime                             |
| 3130  |           | 354        | White lime                             |
| 3135  |           | 356        | White lime                             |
| 3140  |           | 358        | White lime                             |
| 3145  |           | 360        | White lime                             |
| 3150  |           | 362        | White lime                             |
| 3155  |           | 364        | White lime                             |
| 3160  |           | 366        | White lime                             |
| 3165  |           | 368        | White lime                             |
| 3170  |           | 370        | White lime                             |
| 3175  |           | 372        | White lime                             |
| 3180  |           | 374        | White lime                             |
| 3185  |           | 376        | White lime                             |
| 3190  |           | 378        | White lime                             |
| 3195  |           | 380        | White lime                             |
| 3200  |           | 382        | White lime                             |
| 3205  |           | 384        | White lime                             |
| 3210  |           | 386        | White lime                             |
| 3215  |           | 388        | White lime                             |
| 3220  |           | 390        | White lime                             |
| 3225  |           | 392        | White lime                             |
| 3230  |           | 394        | White lime                             |
| 3235  |           | 396        | White lime                             |
| 3240  |           | 398        | White lime                             |
| 3245  |           | 400        | White lime                             |
| 3250  |           | 402        | White lime                             |
| 3255  |           | 404        | White lime                             |
| 3260  |           | 406        | White lime                             |
| 3265  |           | 408        | White lime                             |
| 3270  |           | 410        | White lime                             |
| 3275  |           | 412        | White lime                             |
| 3280  |           | 414        | White lime                             |
| 3285  |           | 416        | White lime                             |
| 3290  |           | 418        | White lime                             |
| 3295  |           | 420        | White lime                             |
| 3300  |           | 422        | White lime                             |
| 3305  |           | 424        | White lime                             |
| 3310  |           | 426        | White lime                             |
| 3315  |           | 428        | White lime                             |
| 3320  |           | 430        | White lime                             |
| 3325  |           | 432        | White lime                             |
| 3330  |           | 434        | White lime                             |
| 3335  |           | 436        | White lime                             |
| 3340  |           | 438        | White lime                             |
| 3345  |           | 440        | White lime                             |
| 3350  |           | 442        | White lime                             |
| 3355  |           | 444        | White lime                             |
| 3360  |           | 446        | White lime                             |
| 3365  |           | 448        | White lime                             |
| 3370  |           | 450        | White lime                             |
| 3375  |           | 452        | White lime                             |
| 3380  |           | 454        | White lime                             |
| 3385  |           | 456        | White lime                             |
| 3390  |           | 458        | White lime                             |
| 3395  |           | 460        | White lime                             |
| 3400  |           | 462        | White lime                             |
| 3405  |           | 464        | White lime                             |
| 3410  |           | 466        | White lime                             |
| 3415  |           | 468        | White lime                             |
| 3420  |           | 470        | White lime                             |
| 3425  |           | 472        | White lime                             |
| 3430  |           | 474        | White lime                             |
| 3435  |           | 476        | White lime                             |
| 3440  |           | 478        | White lime                             |
| 3445  |           | 480        | White lime                             |
| 3450  |           | 482        | White lime                             |
| 3455  |           | 484        | White lime                             |
| 3460  |           | 486        | White lime                             |
| 3465  |           | 488        | White lime                             |
| 3470  |           | 490        | White lime                             |
| 3475  |           | 492        | White lime                             |
| 3480  |           | 494        | White lime                             |
| 3485  |           | 496        | White lime                             |
| 3490  |           | 498        | White lime                             |
| 3495  |           | 500        | White lime                             |
| 3500  |           | 502        | White lime                             |
| 3505  |           | 504        | White lime                             |
| 3510  |           | 506        | White lime                             |
| 3515  |           | 508        | White lime                             |
| 3520  |           | 510        | White lime                             |
| 3525  |           | 512        | White lime                             |
| 3530  |           | 514        | White lime                             |
| 3535  |           | 516        | White lime                             |
| 3540  |           | 518        | White lime                             |
| 3545  |           | 520        | White lime                             |
| 3550  |           | 522        | White lime                             |
| 3555  |           | 524        | White lime                             |
| 3560  |           | 526        | White lime                             |
| 3565  |           | 528        | White lime                             |
| 3570  |           | 530        | White lime                             |
| 3575  |           | 532        | White lime                             |
| 3580  |           | 534        | White lime                             |
| 3585  |           | 536        | White lime                             |
| 3590  |           | 538        | White lime                             |
| 3595  |           | 540        | White lime                             |
| 3600  |           | 542        | White lime                             |
| 3605  |           | 544        | White lime                             |
| 3610  |           | 546        | White lime                             |
| 3615  |           | 548        | White lime                             |
| 3620  |           | 550        | White lime                             |
| 3625  |           | 552        | White lime                             |
| 3630  |           | 554        | White lime                             |
| 3635  |           | 556        | White lime                             |
| 3640  |           | 558        | White lime                             |
| 3645  |           | 560        | White lime                             |
| 3650  |           | 562        | White lime                             |
| 3655  |           | 564        | White lime                             |
| 3660  |           | 566        | White lime                             |
| 3665  |           | 568        | White lime                             |
| 3670  |           | 570        | White lime                             |
| 3675  |           | 572        | White lime                             |
| 3680  |           | 574        | White lime                             |
| 3685  |           | 576        | White lime                             |
| 3690  |           | 578        | White lime                             |
| 3695  |           | 580        | White lime                             |
| 3700  |           | 582        | White lime                             |
| 3705  |           | 584        | White lime                             |
| 3710  |           | 586        | White lime                             |
| 3715  |           | 588        | White lime                             |
| 3720  |           | 590        | White lime                             |
| 3725  |           | 592        | White lime                             |
| 3730  |           | 594        | White lime                             |
| 3735  |           | 596        | White lime                             |
| 3740  |           | 598        | White lime                             |
| 3745  |           | 600        | White lime                             |
| 3750  |           | 602        | White lime                             |
| 3755  |           | 604        | White lime                             |
| 3760  |           | 606        | White lime                             |
| 3765  |           | 608        | White lime                             |
| 3770  |           | 610        | White lime                             |
| 3775  |           | 612        | White lime                             |
| 3780  |           | 614        | White lime                             |
| 3785  |           | 616        | White lime                             |
| 3790  |           | 618        | White lime                             |
| 3795  |           | 620        | White lime                             |
| 3800  |           | 622        | White lime                             |
| 3805  |           | 624        | White lime                             |
| 3810  |           | 626        | White lime                             |
| 3815  |           | 628        | White lime                             |
| 3820  |           | 630        | White lime                             |
| 3825  |           | 632        | White lime                             |
| 3830  |           | 634        | White lime                             |
| 3835  |           | 636        | White lime                             |
| 3840  |           | 638        | White lime                             |
| 3845  |           | 640        | White lime                             |
| 3850  |           | 642        | White lime                             |
| 3855  |           | 644        | White lime                             |
| 3860  |           | 646        | White lime                             |
| 3865  |           | 648        | White lime                             |
| 3870  |           | 650        | White lime                             |
| 3875  |           | 652        | White lime                             |
| 3880  |           | 654        | White lime                             |
| 3885  |           | 656        | White lime                             |
| 3890  |           | 658        | White lime                             |
| 3895  |           | 660        | White lime                             |
| 3900  |           | 662        | White lime                             |
| 3905  |           | 664        | White lime                             |
| 3910  |           | 666        | White lime                             |
| 3915  |           | 668        | White lime                             |
| 3920  |           | 670        | White lime                             |
| 3925  |           | 672        | White lime                             |
| 3930  |           | 674        | White lime                             |
| 3935  |           | 676        | White lime                             |
| 3940  |           | 678        | White lime                             |
| 3945  |           | 680        | White lime                             |
| 3950  |           | 682        | White lime                             |
| 3955  |           | 684        | White lime                             |
| 3960  |           | 686        | White lime                             |
| 3965  |           | 688        | White lime                             |
| 3970  |           | 690        | White lime                             |
| 3975  |           | 692        | White lime                             |
| 3980  |           | 694        | White lime                             |
| 3985  |           | 696        | White lime                             |
| 3990  |           | 698        | White lime                             |
| 3995  |           | 700        | White lime                             |
| 4000  |           | 702        | White lime                             |
| 4005  |           | 704        | White lime                             |
| 4010  |           | 706        | White lime                             |
| 4015  |           | 708        | White lime                             |
| 4020  |           | 710        | White lime                             |
| 4025  |           | 712        | White lime                             |
| 4030  |           | 714        | White lime                             |
| 4035  |           | 716        | White lime                             |
| 4040  |           | 718        | White lime                             |
| 4045  |           | 720        | White lime                             |
| 4050  |           | 722        | White lime                             |
| 4055  |           | 724        | White lime                             |
| 4060  |           | 726        | White lime                             |
| 4065  |           | 728        | White lime                             |
| 407   |           |            |                                        |