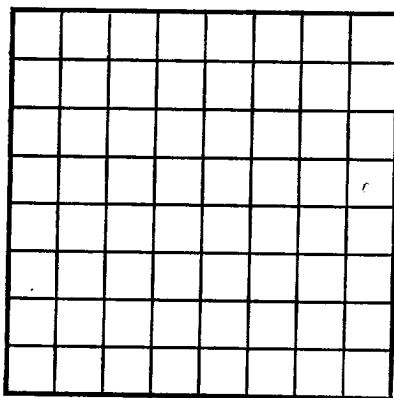




LOCATE WELL CORRECTLY

Orig: &amp; cc: USGS

2-cc: OCC

cc: WHC

RAW

RGE, &amp; UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

U. S. LAND OFFICE Las Cruces

SERIAL NUMBER 029020 B

LEASE OR PERMIT TO PROSPECT

## LOG OF OIL OR GAS WELL

Company Sinclair Oil & Gas Co. Address Box 1927 Hobbs, N.M.Lessor or Tract D. H. Parks "B" Field Grayburg-Jackson State New MexicoWell No. A Sec. 15 T. 17 R. 30 Meridian \_\_\_\_\_ County EddyLocation 2310 ft. (S.) of N Line and 330 ft. (W.) of E Line of 15-17-30 Elevation 3700  
(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 M. B. O'NeilDate Nov. 8, 1951 Title Dist. Supt.

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

Commenced drilling June 19, 1951 Finished drilling 8-11-51, 19\_\_\_\_

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 0 to 2790 No. 4, from 0 to 3507 to 3518No. 2, from 0 to 2807 No. 5, from \_\_\_\_\_ to \_\_\_\_\_No. 3, from 0 to 3230 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      | 466             |                  |      | 100    | Halliburton  |                     |            |     |         |
| 7           | 2707            |                  |      | 200    | "            |                     |            |     |         |

## MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|-------------|-------------|--------------------|
| 10 3/4      | 466       | 100                    | Halliburton |             |                    |
| 7           | 2707      | 200                    | "           |             |                    |

## 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 |
|--------|------------|-----------------|----------|---------|------------|-------------------|
| 4 1/2" | Shell      | Nitro-glycerine | 120 lbs. | 8-22-51 | 3215-3251  | 3263              |

## TOOLS USED

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

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

## DATES

Nov. 8, 1951 Put to producing Oct. 2, 1951

The production for the first 24 hours was \_\_\_\_\_ barrels of fluid of which \_\_\_\_\_ % was oil; \_\_\_\_\_ %

emulsion; \_\_\_\_\_ % water; and \_\_\_\_\_ % sediment. Gravity, °Bé. 36

If gas well, cu. ft. per 24 hours \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_

Rock pressure, lbs. per sq. in. \_\_\_\_\_

## EMPLOYEES

\_\_\_\_\_, Driller \_\_\_\_\_, Driller

\_\_\_\_\_, Driller \_\_\_\_\_, Driller

## FORMATION RECORD

| FROM— | TO—  | TOTAL FEET | FORMATION |
|-------|------|------------|-----------|
| 0     | 2790 | 2790       | Grayburg  |
| 2790  | 3507 | 3507       | Grayburg  |
| 3507  | 3518 | 3518       | Grayburg  |
| 3518  | 3520 | 3520       | Grayburg  |
| 3520  | 3530 | 3530       | Grayburg  |
| 3530  | 3540 | 3540       | Grayburg  |
| 3540  | 3550 | 3550       | Grayburg  |
| 3550  | 3560 | 3560       | Grayburg  |
| 3560  | 3570 | 3570       | Grayburg  |
| 3570  | 3580 | 3580       | Grayburg  |
| 3580  | 3590 | 3590       | Grayburg  |
| 3590  | 3600 | 3600       | Grayburg  |
| 3600  | 3610 | 3610       | Grayburg  |
| 3610  | 3620 | 3620       | Grayburg  |
| 3620  | 3630 | 3630       | Grayburg  |
| 3630  | 3640 | 3640       | Grayburg  |
| 3640  | 3650 | 3650       | Grayburg  |
| 3650  | 3660 | 3660       | Grayburg  |
| 3660  | 3670 | 3670       | Grayburg  |
| 3670  | 3680 | 3680       | Grayburg  |
| 3680  | 3690 | 3690       | Grayburg  |
| 3690  | 3700 | 3700       | Grayburg  |
| 3700  | 3710 | 3710       | Grayburg  |
| 3710  | 3720 | 3720       | Grayburg  |
| 3720  | 3730 | 3730       | Grayburg  |
| 3730  | 3740 | 3740       | Grayburg  |
| 3740  | 3750 | 3750       | Grayburg  |
| 3750  | 3760 | 3760       | Grayburg  |
| 3760  | 3770 | 3770       | Grayburg  |
| 3770  | 3780 | 3780       | Grayburg  |
| 3780  | 3790 | 3790       | Grayburg  |
| 3790  | 3800 | 3800       | Grayburg  |
| 3800  | 3810 | 3810       | Grayburg  |
| 3810  | 3820 | 3820       | Grayburg  |
| 3820  | 3830 | 3830       | Grayburg  |
| 3830  | 3840 | 3840       | Grayburg  |
| 3840  | 3850 | 3850       | Grayburg  |
| 3850  | 3860 | 3860       | Grayburg  |
| 3860  | 3870 | 3870       | Grayburg  |
| 3870  | 3880 | 3880       | Grayburg  |
| 3880  | 3890 | 3890       | Grayburg  |
| 3890  | 3900 | 3900       | Grayburg  |
| 3900  | 3910 | 3910       | Grayburg  |
| 3910  | 3920 | 3920       | Grayburg  |
| 3920  | 3930 | 3930       | Grayburg  |
| 3930  | 3940 | 3940       | Grayburg  |
| 3940  | 3950 | 3950       | Grayburg  |
| 3950  | 3960 | 3960       | Grayburg  |
| 3960  | 3970 | 3970       | Grayburg  |
| 3970  | 3980 | 3980       | Grayburg  |
| 3980  | 3990 | 3990       | Grayburg  |
| 3990  | 4000 | 4000       | Grayburg  |

(OVER)

16-48094-2

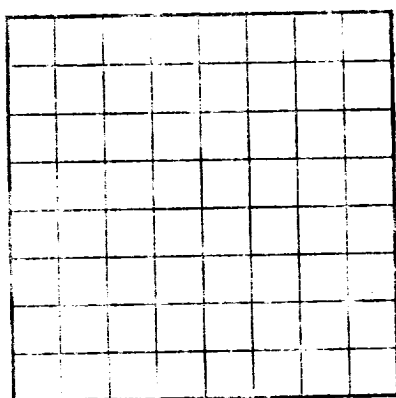
FORMATION RECORD—Continued

LOG OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

UNITED STATES

U. S. LAND OFFICE  
Serial Number  
Date of Permit to Prospect



LOCATE WELL CORRECTLY

Company  
Lessor or Trust  
Well No.  
Location  
The information given here is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

1030412

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

Commenced drilling  
Finished drilling

OIL OR GAS SANDS OR ZONES

Tested and placed on production Oct. 2, 1921 at 2 barrels oil per day.

Produced 1/200 barrels of Nitro-glycerine 3215 to 3251  
Produced 6 gallons oil per hour  
Produced 1/200 barrels of Nitro-glycerine 3215 to 3251  
Produced 6 gallons oil per hour  
Produced 1/200 barrels of Nitro-glycerine 3215 to 3251  
Produced 6 gallons oil per hour  
Produced 1/200 barrels of Nitro-glycerine 3215 to 3251  
Produced 6 gallons oil per hour

Produced 1/200 barrels of Nitro-glycerine 3215 to 3251  
Produced 6 gallons oil per hour

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "checked" or left in the well, give its size and location. If the well has been dynamited, give date, position, and number of shots. If pipes or bridges were put in to test for leaks, state kind of material used, position, and results of pumping or bailing.

HISTORY OF OIL OR GAS WELL

| FROM | TO   | TOTAL FEET | FORMATION             |
|------|------|------------|-----------------------|
| 0    | 60   | 60         | Sand                  |
| 60   | 130  | 70         | Caliche & sand        |
| 130  | 255  | 125        | R. & Red Rock         |
| 255  | 365  | 110        | Argillite             |
| 365  | 435  | 70         | Argillite & Red Rock  |
| 435  | 450  | 15         | Argillite (broken)    |
| 450  | 955  | 505        | Salt                  |
| 955  | 970  | 15         | Argillite             |
| 970  | 980  | 10         | Salt                  |
| 980  | 1055 | 75         | Salt & Potash         |
| 1055 | 1110 | 55         | Salt                  |
| 1110 | 1250 | 140        | Argillite             |
| 1250 | 1270 | 20         | Lime                  |
| 1270 | 1975 | 705        | Argillite             |
| 1975 | 2010 | 35         | Red Sand & Shale      |
| 2010 | 2045 | 35         | Argillite & Red Shale |
| 2045 | 2202 | 157        | Argillite             |
| 2202 | 2225 | 23         | Red Sand              |
| 2225 | 2235 | 10         | Argillite             |
| 2235 | 2275 | 40         | Lime                  |
| 2275 | 2300 | 25         | Argillite & Red Rock  |
| 2300 | 2355 | 55         | Argillite             |
| 2355 | 2380 | 25         | Lime (Gray)           |
| 2380 | 2470 | 90         | Argillite             |
| 2470 | 2500 | 30         | Argillite & Red Rock  |
| 2500 | 2538 | 38         | Argillite             |
| 2538 | 2539 | 1          | Sand & Shale          |
| 2539 | 2550 | 11         | Argillite             |
| 2550 | 2575 | 25         | Argillite & Red Rock  |
| 2575 | 2587 | 12         | Argillite             |
| 2587 | 2675 | 88         | Argillite             |
| 2675 | 2725 | 50         | Argillite             |
| 2725 | 2735 | 10         | Argillite             |
| 2735 | 2750 | 15         | Argillite             |
| 2750 | 2755 | 5          | Argillite             |
| 2755 | 2756 | 1          | Argillite             |
| 2756 | 2757 | 1          | Argillite             |
| 2757 | 2758 | 1          | Argillite             |
| 2758 | 2759 | 1          | Argillite             |
| 2759 | 2760 | 1          | Argillite             |
| 2760 | 2761 | 1          | Argillite             |
| 2761 | 2762 | 1          | Argillite             |
| 2762 | 2763 | 1          | Argillite             |
| 2763 | 2764 | 1          | Argillite             |
| 2764 | 2765 | 1          | Argillite             |
| 2765 | 2766 | 1          | Argillite             |
| 2766 | 2767 | 1          | Argillite             |
| 2767 | 2768 | 1          | Argillite             |
| 2768 | 2769 | 1          | Argillite             |
| 2769 | 2770 | 1          | Argillite             |
| 2770 | 2771 | 1          | Argillite             |
| 2771 | 2772 | 1          | Argillite             |
| 2772 | 2773 | 1          | Argillite             |
| 2773 | 2774 | 1          | Argillite             |
| 2774 | 2775 | 1          | Argillite             |
| 2775 | 2776 | 1          | Argillite             |
| 2776 | 2777 | 1          | Argillite             |
| 2777 | 2778 | 1          | Argillite             |
| 2778 | 2779 | 1          | Argillite             |
| 2779 | 2780 | 1          | Argillite             |
| 2780 | 2781 | 1          | Argillite             |
| 2781 | 2782 | 1          | Argillite             |
| 2782 | 2783 | 1          | Argillite             |
| 2783 | 2784 | 1          | Argillite             |
| 2784 | 2785 | 1          | Argillite             |
| 2785 | 2786 | 1          | Argillite             |
| 2786 | 2787 | 1          | Argillite             |
| 2787 | 2788 | 1          | Argillite             |
| 2788 | 2789 | 1          | Argillite             |
| 2789 | 2790 | 1          | Argillite             |
| 2790 | 2791 | 1          | Argillite             |
| 2791 | 2792 | 1          | Argillite             |
| 2792 | 2793 | 1          | Argillite             |
| 2793 | 2794 | 1          | Argillite             |
| 2794 | 2795 | 1          | Argillite             |
| 2795 | 2796 | 1          | Argillite             |
| 2796 | 2797 | 1          | Argillite             |
| 2797 | 2798 | 1          | Argillite             |
| 2798 | 2799 | 1          | Argillite             |
| 2799 | 2800 | 1          | Argillite             |
| 2800 | 2801 | 1          | Argillite             |
| 2801 | 2802 | 1          | Argillite             |
| 2802 | 2803 | 1          | Argillite             |
| 2803 | 2804 | 1          | Argillite             |
| 2804 | 2805 | 1          | Argillite             |
| 2805 | 2806 | 1          | Argillite             |
| 2806 | 2807 | 1          | Argillite             |
| 2807 | 2808 | 1          | Argillite             |
| 2808 | 2809 | 1          | Argillite             |
| 2809 | 2810 | 1          | Argillite             |
| 2810 | 2811 | 1          | Argillite             |
| 2811 | 2812 | 1          | Argillite             |
| 2812 | 2813 | 1          | Argillite             |
| 2813 | 2814 | 1          | Argillite             |
| 2814 | 2815 | 1          | Argillite             |
| 2815 | 2816 | 1          | Argillite             |
| 2816 | 2817 | 1          | Argillite             |
| 2817 | 2818 | 1          | Argillite             |
| 2818 | 2819 | 1          | Argillite             |
| 2819 | 2820 | 1          | Argillite             |
| 2820 | 2821 | 1          | Argillite             |
| 2821 | 2822 | 1          | Argillite             |
| 2822 | 2823 | 1          | Argillite             |
| 2823 | 2824 | 1          | Argillite             |
| 2824 | 2825 | 1          | Argillite             |
| 2825 | 2826 | 1          | Argillite             |
| 2826 | 2827 | 1          | Argillite             |
| 2827 | 2828 | 1          | Argillite             |
| 2828 | 2829 | 1          | Argillite             |
| 2829 | 2830 | 1          | Argillite             |
| 2830 | 2831 | 1          | Argillite             |
| 2831 | 2832 | 1          | Argillite             |
| 2832 | 2833 | 1          | Argillite             |
| 2833 | 2834 | 1          | Argillite             |
| 2834 | 2835 | 1          | Argillite             |
| 2835 | 2836 | 1          | Argillite             |
| 2836 | 2837 | 1          | Argillite             |
| 2837 | 2838 | 1          | Argillite             |
| 2838 | 2839 | 1          | Argillite             |
| 2839 | 2840 | 1          | Argillite             |
| 2840 | 2841 | 1          | Argillite             |
| 2841 | 2842 | 1          | Argillite             |
| 2842 | 2843 | 1          | Argillite             |
| 2843 | 2844 | 1          | Argillite             |
| 2844 | 2845 | 1          | Argillite             |
| 2845 | 2846 | 1          | Argillite             |
| 2846 | 2847 | 1          | Argillite             |
| 2847 | 2848 | 1          | Argillite             |
| 2848 | 2849 | 1          | Argillite             |
| 2849 | 2850 | 1          | Argillite             |
| 2850 | 2851 | 1          | Argillite             |
| 2851 | 2852 | 1          | Argillite             |
| 2852 | 2853 | 1          | Argillite             |
| 2853 | 2854 | 1          | Argillite             |
| 2854 | 2855 | 1          | Argillite             |
| 2855 | 2856 | 1          | Argillite             |
| 2856 | 2857 | 1          | Argillite             |
| 2857 | 2858 | 1          | Argillite             |
| 2858 | 2859 | 1          | Argillite             |
| 2859 | 2860 | 1          | Argillite             |
| 2860 | 2861 | 1          | Argillite             |
| 2861 | 2862 | 1          | Argillite             |
| 2862 | 2863 | 1          | Argillite             |
| 2863 | 2864 | 1          | Argillite             |
| 2864 | 2865 | 1          | Argillite             |
| 2865 | 2866 | 1          | Argillite             |
| 2866 | 2867 | 1          | Argillite             |
| 2867 | 2868 | 1          | Argillite             |
| 2868 | 2869 | 1          | Argillite             |
| 2869 | 2870 | 1          | Argillite             |
| 2870 | 2871 | 1          | Argillite             |
| 2871 | 2872 | 1          | Argillite             |
| 2872 | 2873 | 1          | Argillite             |
| 2873 | 2874 | 1          | Argillite             |
| 2874 | 2875 | 1          | Argillite             |
| 2875 | 2876 | 1          | Argillite             |
| 2876 | 2877 | 1          | Argillite             |
| 2877 | 2878 | 1          | Argillite             |
| 2878 | 2879 | 1          | Argillite             |
| 2879 | 2880 | 1          | Argillite             |
| 2880 | 2881 | 1          | Argillite             |
| 2881 | 2882 | 1          | Argillite             |
| 2882 | 2883 | 1          | Argillite             |
| 2883 | 2884 | 1          | Argillite             |
| 2884 | 2885 | 1          | Argillite             |
| 2885 | 2886 | 1          | Argillite             |
| 2886 | 2887 | 1          | Argillite             |
| 2887 | 2888 | 1          | Argillite             |
| 2888 | 2889 | 1          | Argillite             |
| 2889 | 2890 | 1          | Argillite             |
| 2890 | 2891 | 1          | Argillite             |
| 2891 | 2892 | 1          | Argillite             |
| 2892 | 2893 | 1          | Argillite             |
| 2893 | 2894 | 1          | Argillite             |
| 2894 | 2895 | 1          | Argillite             |
| 2895 | 2896 | 1          | Argillite             |
| 2896 | 2897 | 1          | Argillite             |
| 2897 | 2898 | 1          | Argillite             |
| 2898 | 2899 | 1          | Argillite             |
| 2899 | 2900 | 1          | Argillite             |
| 2900 | 2901 | 1          | Argillite             |
| 2901 | 2902 | 1          | Argillite             |
| 2902 | 2903 | 1          | Argillite             |
| 2903 | 2904 | 1          | Argillite             |
| 2904 | 2905 | 1          | Argillite             |
| 2905 | 2906 | 1          | Argillite             |
| 2906 | 2907 | 1          | Argillite             |
| 2907 | 2908 | 1          | Argillite             |
| 2908 | 2909 | 1          | Argillite             |
| 2909 | 2910 | 1          | Argillite             |
| 2910 | 2911 | 1          | Argillite             |
| 2911 | 2912 | 1          | Argillite             |
| 2912 | 2913 | 1          | Argillite             |
| 2913 | 2914 | 1          | Argillite             |
| 2914 | 2915 | 1          | Argillite             |
| 2915 | 2916 | 1          | Argillite             |
| 2916 | 2917 | 1          | Argillite             |
| 2917 | 2918 | 1          | Argillite             |
| 2918 | 2919 | 1          | Argillite             |
| 2919 | 2920 | 1          | Argillite             |
| 2920 | 2921 | 1          | Argillite             |
| 2921 | 2922 | 1          | Argillite             |
| 2922 | 2923 | 1          | Argillite             |
| 2923 | 2924 | 1          | Argillite             |
| 2924 | 2925 | 1          | Argillite             |
| 2925 | 2926 | 1          | Argillite             |
| 2926 | 2927 | 1          | Argillite             |
| 2927 | 2928 | 1          | Argillite             |
| 2928 | 2929 | 1          | Argillite             |
| 2929 | 2930 | 1          | Argillite             |
| 2930 | 2931 | 1          | Argillite             |
| 2931 | 2932 | 1          | Argillite             |
| 2932 | 2933 | 1          | Argillite             |
| 2933 | 2934 | 1          | Argillite             |
| 2934 | 2935 | 1          | Argillite             |
| 2935 | 2936 | 1          | Argillite             |
| 2936 | 2937 | 1          | Argillite             |
| 2937 | 2938 | 1          | Argillite             |
| 2938 | 2939 | 1          | Argillite             |
| 2939 | 2940 | 1          | Argillite             |
| 2940 | 2941 | 1          | Argillite             |
| 2941 | 2942 | 1          | Argillite             |
| 2942 | 2943 | 1          | Argillite             |
| 2943 | 2944 | 1          | Argillite             |
| 2944 | 2945 | 1          | Argillite             |
| 2945 | 2946 | 1          | Argillite             |
| 2946 | 2947 | 1          | Argillite             |
| 2947 | 2948 | 1          | Argillite             |
| 2948 | 2949 | 1          | Argillite             |
| 2949 | 2950 | 1          | Argillite             |
| 2950 | 2951 | 1          | Argillite             |
| 2951 | 2952 | 1          | Argillite             |
| 2952 | 2953 | 1          | Argillite             |
| 2953 | 2954 | 1          | Argillite             |
| 2954 | 2955 | 1          | Argillite             |
| 2955 | 2956 | 1          | Argillite             |
| 2956 | 2957 | 1          | Argillite             |
| 2957 | 2958 | 1          | Argillite             |
| 2958 | 2959 | 1          | Argillite             |
| 2959 | 2960 | 1          | Argillite             |
| 2960 | 2961 | 1          | Argillite             |
| 2961 | 2962 | 1          | Argillite             |
| 2962 | 2963 | 1          | Argillite             |
| 2963 | 2964 | 1          | Argillite             |
| 2964 | 2965 | 1          | Argillite             |
| 2965 | 2966 | 1          | Argillite             |
| 2966 | 2967 | 1          | Argillite             |
| 2967 | 2968 | 1          | Argillite             |
| 2968 | 2969 | 1          | Argillite             |
| 2969 | 2970 | 1          | Argillite             |
| 2970 | 2971 | 1          | Argillite             |
| 2971 | 2972 | 1          | Argillite             |
| 2972 | 2973 | 1          | Argillite             |
| 2973 | 2974 | 1          | Argillite             |
| 2974 | 2975 | 1          | Argillite             |
| 2975 | 2976 | 1          | Argillite             |
| 2976 | 2977 | 1          | Argillite             |
| 2977 | 2978 | 1          | Argillite             |
| 2978 | 2979 | 1          | Argillite             |
| 2979 | 2980 | 1          | Argillite             |
| 2980 | 2981 | 1          | Argillite             |
| 2981 | 2982 | 1          | Argillite             |
| 2982 | 2983 | 1          | Argillite             |
| 2983 | 2984 | 1          | Argillite             |
| 2984 | 2985 | 1          | Argillite             |
| 2985 | 2986 | 1          | Argillite             |
| 2986 | 2987 | 1          | Argillite             |
| 2987 | 2988 | 1          | Argillite             |
| 2988 | 2989 | 1          | Argillite             |
| 2989 | 2990 | 1          | Argillite             |
| 2990 | 2991 | 1          | Argillite             |
| 2991 | 2992 | 1          | Argillite             |
| 2992 | 2993 | 1          | Argillite             |
| 2993 | 2994 | 1          | Argillite             |
| 2994 | 2995 | 1          | Argillite             |
| 2995 | 2996 | 1          | Argillite             |
| 2996 | 2997 | 1          | Argillite             |
| 2997 | 2998 | 1          | Argillite             |
| 2998 | 2999 | 1          | Argillite             |
| 2999 | 3000 | 1          | Argillite             |

FORMATION RECORD—Continued