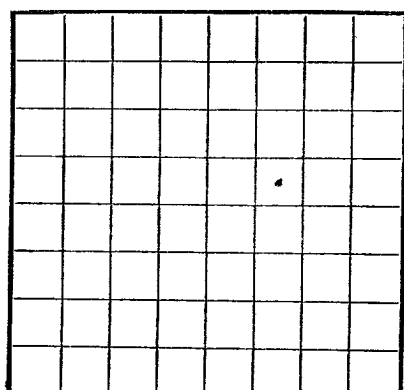


U. S. LAND OFFICE

JAN 30 1958

SERIAL NUMBER LC 062072

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## LOG OF OIL OR GAS WELL

Company Allen & Fair Operating, Inc. Address Box 689, Tyler, Texas  
Lessor or Tract Brainard Field Loce Hills State Oklahoma  
Well No. 9 Sec. 10 T. 18S R. 29E Meridian NMPM County Eddy  
Location 2310 ft. N. of N. Line and 1650 ft. E. of E. Line of Section 10 Elevation 3479  
(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 Nat. J. GoodwinDate January 27, 1958Title Agent

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

Commenced drilling October 31,, 19 57 Finished drilling January 3,, 19 58

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2612 to 2624 by Lane Wells Gamma-Ray Neutron Log  
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—         |                   |
| <u>8-5/8</u> | <u>28#</u>      | <u>8</u>         | <u>Young</u> | <u>411'</u>  | <u>Plain</u>     | <u>None</u>         |             |             | <u>Surface</u>    |
| <u>5-1/2</u> | <u>14#</u>      | <u>8</u>         | <u>Naal</u>  | <u>2647'</u> | <u>Tarbo Jet</u> | <u>None</u>         | <u>2615</u> | <u>2620</u> | <u>Production</u> |

## MUDDING AND CEMENTING RECORD

| Size casing  | Where set   | Number sacks of cement | Method used  | Mud gravity | Amount of mud used |
|--------------|-------------|------------------------|--------------|-------------|--------------------|
| <u>8-5/8</u> | <u>415</u>  | <u>50</u>              | <u>Howco</u> |             |                    |
| <u>5-1/2</u> | <u>2647</u> | <u>75 w/2% Cel</u>     | <u>Howco</u> |             |                    |

## 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 |
|------|------------|----------------|----------|------|------------|-------------------|
|      |            |                |          |      |            |                   |
|      |            |                |          |      |            |                   |
|      |            |                |          |      |            |                   |

## TOOLS USED

Rotary tools were used from 2600 feet to 2625 (At Rotary Core) feet to \_\_\_\_\_ feet  
Cable tools were used from 0 feet to 2600 feet, and from 2625 feet to 3152 feet

## DATES

1/21, 19 58 Put to producing 1/21, 19 58

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

~~NO PRODUCTION TEST TO DATE. 2% NON-SEPARATING FRAC OIL. HAVE RECOVERED 50 BBL. TO DATE OF~~  
~~OF 240 BBL. FRAC OIL USED.~~ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_

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

## EMPLOYEES

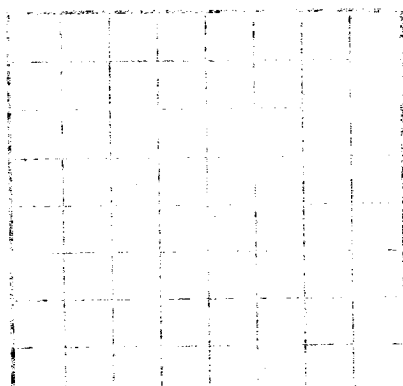
Earl Bean, Driller Doyle Pennington, Driller  
\_\_\_\_\_, Driller \_\_\_\_\_, Driller

## FORMATION RECORD

| FROM— | TO—  | TOTAL FEET | FORMATION                                 |
|-------|------|------------|-------------------------------------------|
| 0     | 50   | 50         | Red Sand                                  |
| 50    | 160  | 110        | Red Shale                                 |
| 160   | 230  | 70         | Anhydrite                                 |
| 230   | 390  | 160        | Red Shale & Anhydrite                     |
| 390   | 865  | 475        | Salt & Anhydrite                          |
| 865   | 1190 | 325        | Anhydrite                                 |
| 1190  | 1240 | 50         | 50% Anhydrite & 50% Red Sand              |
| 1240  | 1300 | 60         | " " "                                     |
| 1300  | 1340 | 40         | Anhydrite w/ some Red Sand                |
| 1340  | 1410 | 70         | Anhydrite                                 |
| 1410  | 1535 | 125        | Anhydrite & Dolomite                      |
| 1535  | 1540 | 5          | 90% Dolomite & 10% Anhydrite, slight show |
| 1540  | 1685 | 145        | Anhydrite                                 |
| 1685  | 1740 | 55         | " "                                       |
| 1740  | 1815 | 75         | " "                                       |
| 1815  | 1835 | 20         | " "                                       |
| 1835  | 2110 | 275        | " "                                       |
| 2110  | 2125 | 15         | Anhydrite and Red Sand                    |
| 2125  | 2150 | 25         | Red Sand & Anhydrite                      |
| 2150  | 2173 | 23         | Anhydrite & Red Sand                      |
| 2173  | 2274 | 101        | Anhydrite                                 |
| 2274  | 2375 | 101        | Anhydrite, dolomite & Red Sand            |
| 2375  | 2436 | 61         | Anhydrite & Red Sand                      |
| 2436  | 2508 | 82         | Dolomite w/ trace of Red Sand             |
| 2508  | 2520 | 12         | Dolomite and Red Sand                     |
| 2520  | 2592 | 72         | (OVER) Dolomite                           |

LOG OF OIL OR GAS WELL

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY



Geography. Give township, range, and section or corner of section on which the well is located. If the well is located on a public land, give the name of the land and the name of the owner. If the well is located on a private land, give the name of the owner. If the well is located on a lease, give the name of the lessor and the name of the lessee. If the well is located on a lease, give the name of the lessor and the name of the lessee. If the well is located on a lease, give the name of the lessor and the name of the lessee.

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 "sidetracked" 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 plugs 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

| DATE | DEPTH | FORMATION                                          | TOOL USED | SHOOTING RECORD | PLUGS AND ADAPTERS | WATER AND OTHER FLUIDS |
|------|-------|----------------------------------------------------|-----------|-----------------|--------------------|------------------------|
| 2592 | 2600  | 90% Dolomite, 10% clay sand                        |           |                 |                    |                        |
| 2600 | 2606  | 100% light gray sand, fair to good stain           |           |                 |                    |                        |
| 2606 | 2617  | 100% clay sand, fair to light oil stain            |           |                 |                    |                        |
| 2617 | 2626  | Light cemented gray sand w/some amygdrite          |           |                 |                    |                        |
| 2626 | 2627  | Dolomite                                           |           |                 |                    |                        |
| 2627 | 2628  | 50% Dolomite & 50% Gray Sand                       |           |                 |                    |                        |
| 2628 | 2629  | 90% Dolomite and trace of red sand                 |           |                 |                    |                        |
| 2629 | 2630  | 50% Dolomite & 50% Red Sand                        |           |                 |                    |                        |
| 2630 | 2633  | Dolomite                                           |           |                 |                    |                        |
| 2633 | 2635  | Coltite Dolomite tightly cemented w/lead oil stain |           |                 |                    |                        |
| 2635 | 2636  | stain                                              |           |                 |                    |                        |
| 2636 | 2639  | Ruby Dolomite Silty w/Dead oil stain               |           |                 |                    |                        |
| 2639 | 2640  | Dolomite                                           |           |                 |                    |                        |
| 2640 | 2641  | 50% Dolomite, 50% light Gray Sand                  |           |                 |                    |                        |
| 2641 | 2642  | Dolomite                                           |           |                 |                    |                        |
| 2642 | 2643  | TOTAL DEPTH                                        |           |                 |                    |                        |
| 2643 | 2644  | FORMATION                                          |           |                 |                    |                        |
| 2644 | 2645  | 90% Dolomite, 10% clay sand                        |           |                 |                    |                        |
| 2645 | 2646  | 100% light gray sand, fair to good stain           |           |                 |                    |                        |
| 2646 | 2647  | 100% clay sand, fair to light oil stain            |           |                 |                    |                        |
| 2647 | 2648  | Light cemented Gray Sand w/some amygdrite          |           |                 |                    |                        |
| 2648 | 2649  | Dolomite                                           |           |                 |                    |                        |
| 2649 | 2650  | 50% Dolomite & 50% Gray Sand                       |           |                 |                    |                        |
| 2650 | 2651  | 90% Dolomite and trace of red sand                 |           |                 |                    |                        |
| 2651 | 2652  | 50% Dolomite & 50% Red Sand                        |           |                 |                    |                        |
| 2652 | 2653  | Dolomite                                           |           |                 |                    |                        |
| 2653 | 2654  | Coltite Dolomite tightly cemented w/lead oil stain |           |                 |                    |                        |
| 2654 | 2655  | stain                                              |           |                 |                    |                        |
| 2655 | 2656  | Ruby Dolomite Silty w/Dead oil stain               |           |                 |                    |                        |
| 2656 | 2657  | Dolomite                                           |           |                 |                    |                        |
| 2657 | 2658  | 50% Dolomite, 50% light Gray Sand                  |           |                 |                    |                        |
| 2658 | 2659  | Dolomite                                           |           |                 |                    |                        |
| 2659 | 2660  | TOTAL DEPTH                                        |           |                 |                    |                        |
| 2660 | 2661  | FORMATION                                          |           |                 |                    |                        |
| 2661 | 2662  | 90% Dolomite, 10% clay sand                        |           |                 |                    |                        |
| 2662 | 2663  | 100% light gray sand, fair to good stain           |           |                 |                    |                        |
| 2663 | 2664  | 100% clay sand, fair to light oil stain            |           |                 |                    |                        |
| 2664 | 2665  | Light cemented Gray Sand w/some amygdrite          |           |                 |                    |                        |
| 2665 | 2666  | Dolomite                                           |           |                 |                    |                        |
| 2666 | 2667  | 50% Dolomite & 50% Gray Sand                       |           |                 |                    |                        |
| 2667 | 2668  | 90% Dolomite and trace of red sand                 |           |                 |                    |                        |
| 2668 | 2669  | 50% Dolomite & 50% Red Sand                        |           |                 |                    |                        |
| 2669 | 2670  | Dolomite                                           |           |                 |                    |                        |
| 2670 | 2671  | Coltite Dolomite tightly cemented w/lead oil stain |           |                 |                    |                        |
| 2671 | 2672  | stain                                              |           |                 |                    |                        |
| 2672 | 2673  | Ruby Dolomite Silty w/Dead oil stain               |           |                 |                    |                        |
| 2673 | 2674  | Dolomite                                           |           |                 |                    |                        |
| 2674 | 2675  | 50% Dolomite, 50% light Gray Sand                  |           |                 |                    |                        |
| 2675 | 2676  | Dolomite                                           |           |                 |                    |                        |
| 2676 | 2677  | TOTAL DEPTH                                        |           |                 |                    |                        |
| 2677 | 2678  | FORMATION                                          |           |                 |                    |                        |
| 2678 | 2679  | 90% Dolomite, 10% clay sand                        |           |                 |                    |                        |
| 2679 | 2680  | 100% light gray sand, fair to good stain           |           |                 |                    |                        |
| 2680 | 2681  | 100% clay sand, fair to light oil stain            |           |                 |                    |                        |
| 2681 | 2682  | Light cemented Gray Sand w/some amygdrite          |           |                 |                    |                        |
| 2682 | 2683  | Dolomite                                           |           |                 |                    |                        |
| 2683 | 2684  | 50% Dolomite & 50% Gray Sand                       |           |                 |                    |                        |
| 2684 | 2685  | 90% Dolomite and trace of red sand                 |           |                 |                    |                        |
| 2685 | 2686  | 50% Dolomite & 50% Red Sand                        |           |                 |                    |                        |
| 2686 | 2687  | Dolomite                                           |           |                 |                    |                        |
| 2687 | 2688  | Coltite Dolomite tightly cemented w/lead oil stain |           |                 |                    |                        |
| 2688 | 2689  | stain                                              |           |                 |                    |                        |
| 2689 | 2690  | Ruby Dolomite Silty w/Dead oil stain               |           |                 |                    |                        |
| 2690 | 2691  | Dolomite                                           |           |                 |                    |                        |
| 2691 | 2692  | 50% Dolomite, 50% light Gray Sand                  |           |                 |                    |                        |
| 2692 | 2693  | Dolomite                                           |           |                 |                    |                        |
| 2693 | 2694  | TOTAL DEPTH                                        |           |                 |                    |                        |
| 2694 | 2695  | FORMATION                                          |           |                 |                    |                        |
| 2695 | 2696  | 90% Dolomite, 10% clay sand                        |           |                 |                    |                        |
| 2696 | 2697  | 100% light gray sand, fair to good stain           |           |                 |                    |                        |
| 2697 | 2698  | 100% clay sand, fair to light oil stain            |           |                 |                    |                        |
| 2698 | 2699  | Light cemented Gray Sand w/some amygdrite          |           |                 |                    |                        |
| 2699 | 2700  | Dolomite                                           |           |                 |                    |                        |
| 2700 | 2701  | 50% Dolomite & 50% Gray Sand                       |           |                 |                    |                        |
| 2701 | 2702  | 90% Dolomite and trace of red sand                 |           |                 |                    |                        |
| 2702 | 2703  | 50% Dolomite & 50% Red Sand                        |           |                 |                    |                        |
| 2703 | 2704  | Dolomite                                           |           |                 |                    |                        |
| 2704 | 2705  | Coltite Dolomite tightly cemented w/lead oil stain |           |                 |                    |                        |
| 2705 | 2706  | stain                                              |           |                 |                    |                        |
| 2706 | 2707  | Ruby Dolomite Silty w/Dead oil stain               |           |                 |                    |                        |
| 2707 | 2708  | Dolomite                                           |           |                 |                    |                        |
| 2708 | 2709  | 50% Dolomite, 50% light Gray Sand                  |           |                 |                    |                        |
| 2709 | 2710  | Dolomite                                           |           |                 |                    |                        |
| 2710 | 2711  | TOTAL DEPTH                                        |           |                 |                    |                        |
| 2711 | 2712  | FORMATION                                          |           |                 |                    |                        |
| 2712 | 2713  | 90% Dolomite, 10% clay sand                        |           |                 |                    |                        |
| 2713 | 2714  | 100% light gray sand, fair to good stain           |           |                 |                    |                        |
| 2714 | 2715  | 100% clay sand, fair to light oil stain            |           |                 |                    |                        |
| 2715 | 2716  | Light cemented Gray Sand w/some amygdrite          |           |                 |                    |                        |
| 2716 | 2717  | Dolomite                                           |           |                 |                    |                        |
| 2717 | 2718  | 50% Dolomite & 50% Gray Sand                       |           |                 |                    |                        |
| 2718 | 2719  | 90% Dolomite and trace of red sand                 |           |                 |                    |                        |
| 2719 | 2720  | 50% Dolomite & 50% Red Sand                        |           |                 |                    |                        |
| 2720 | 2721  | Dolomite                                           |           |                 |                    |                        |
| 2721 | 2722  | Coltite Dolomite tightly cemented w/lead oil stain |           |                 |                    |                        |
| 2722 | 2723  | stain                                              |           |                 |                    |                        |
| 2723 | 2724  | Ruby Dolomite Silty w/Dead oil stain               |           |                 |                    |                        |
| 2724 | 2725  | Dolomite                                           |           |                 |                    |                        |
| 2725 | 2726  | 50% Dolomite, 50% light Gray Sand                  |           |                 |                    |                        |
| 2726 | 2727  | Dolomite                                           |           |                 |                    |                        |
| 2727 | 2728  | TOTAL DEPTH                                        |           |                 |                    |                        |
| 2728 | 2729  | FORMATION                                          |           |                 |                    |                        |
| 2729 | 2730  | 90% Dolomite, 10% clay sand                        |           |                 |                    |                        |
| 2730 | 2731  | 100% light gray sand, fair to good stain           |           |                 |                    |                        |
| 2731 | 2732  | 100% clay sand, fair to light oil stain            |           |                 |                    |                        |
| 2732 | 2733  | Light cemented Gray Sand w/some amygdrite          |           |                 |                    |                        |
| 2733 | 2734  | Dolomite                                           |           |                 |                    |                        |
| 2734 | 2735  | 50% Dolomite & 50% Gray Sand                       |           |                 |                    |                        |
| 2735 | 2736  | 90% Dolomite and trace of red sand                 |           |                 |                    |                        |
| 2736 | 2737  | 50% Dolomite & 50% Red Sand                        |           |                 |                    |                        |
| 2737 | 2738  | Dolomite                                           |           |                 |                    |                        |
| 2738 | 2739  | Coltite Dolomite tightly cemented w/lead oil stain |           |                 |                    |                        |
| 2739 | 2740  | stain                                              |           |                 |                    |                        |
| 2740 | 2741  | Ruby Dolomite Silty w/Dead oil stain               |           |                 |                    |                        |
| 2741 | 2742  | Dolomite                                           |           |                 |                    |                        |
| 2742 | 2743  | 50% Dolomite, 50% light Gray Sand                  |           |                 |                    |                        |
| 2743 | 2744  | Dolomite                                           |           |                 |                    |                        |
| 2744 | 2745  | TOTAL DEPTH                                        |           |                 |                    |                        |
| 2745 | 2746  | FORMATION                                          |           |                 |                    |                        |
| 2746 | 2747  | 90% Dolomite, 10% clay sand                        |           |                 |                    |                        |
| 2747 | 2748  | 100% light gray sand, fair to good stain           |           |                 |                    |                        |
| 2748 | 2749  | 100% clay sand, fair to light oil stain            |           |                 |                    |                        |
| 2749 | 2750  | Light cemented Gray Sand w/some amygdrite          |           |                 |                    |                        |
| 2750 | 2751  | Dolomite                                           |           |                 |                    |                        |
| 2751 | 2752  | 50% Dolomite & 50% Gray Sand                       |           |                 |                    |                        |
| 2752 | 2753  | 90% Dolomite and trace of red sand                 |           |                 |                    |                        |
| 2753 | 2754  | 50% Dolomite & 50% Red Sand                        |           |                 |                    |                        |
| 2754 | 2755  | Dolomite                                           |           |                 |                    |                        |
| 2755 | 2756  | Coltite Dolomite tightly cemented w/lead oil stain |           |                 |                    |                        |
| 2756 | 2757  | stain                                              |           |                 |                    |                        |
| 2757 | 2758  | Ruby Dolomite Silty w/Dead oil stain               |           |                 |                    |                        |
| 2758 | 2759  | Dolomite                                           |           |                 |                    |                        |
| 2759 | 2760  | 50% Dolomite, 50% light Gray Sand                  |           |                 |                    |                        |
| 2760 | 2761  | Dolomite                                           |           |                 |                    |                        |
| 2761 | 2762  | TOTAL DEPTH                                        |           |                 |                    |                        |
| 2762 | 2763  | FORMATION                                          |           |                 |                    |                        |
| 2763 | 2764  | 90% Dolomite, 10% clay sand                        |           |                 |                    |                        |
| 2764 | 2765  | 100% light gray sand, fair to good stain           |           |                 |                    |                        |
| 2765 | 2766  | 100% clay sand, fair to light oil stain            |           |                 |                    |                        |
| 2766 | 2767  | Light cemented Gray Sand w/some amygdrite          |           |                 |                    |                        |
| 2767 | 2768  | Dolomite                                           |           |                 |                    |                        |
| 2768 | 2769  | 50% Dolomite & 50% Gray Sand                       |           |                 |                    |                        |
| 2769 | 2770  | 90% Dolomite and trace of red sand                 |           |                 |                    |                        |
| 2770 | 2771  | 50% Dolomite & 50% Red Sand                        |           |                 |                    |                        |
| 2771 | 2772  | Dolomite                                           |           |                 |                    |                        |
| 2772 | 2773  | Coltite Dolomite tightly cemented w/lead oil stain |           |                 |                    |                        |
| 2773 | 2774  | stain                                              |           |                 |                    |                        |
| 2774 | 2775  | Ruby Dolomite Silty w/Dead oil stain               |           |                 |                    |                        |
| 2775 | 2776  | Dolomite                                           |           |                 |                    |                        |
| 2776 | 2777  | 50% Dolomite, 50% light Gray Sand                  |           |                 |                    |                        |
| 2777 | 2778  | Dolomite                                           |           |                 |                    |                        |
| 2778 | 2779  | TOTAL DEPTH                                        |           |                 |                    |                        |
| 2779 | 2780  | FORMATION                                          |           |                 |                    |                        |
| 2780 | 2781  | 90% Dolomite, 10% clay sand                        |           |                 |                    |                        |
| 2781 | 2782  | 100% light gray sand, fair to good stain           |           |                 |                    |                        |
| 2782 | 2783  | 100% clay sand, fair to light oil stain            |           |                 |                    |                        |
| 2783 | 2784  | Light cemented Gray Sand w/some amygdrite          |           |                 |                    |                        |
| 2784 | 2785  | Dolomite                                           |           |                 |                    |                        |
| 2785 | 2786  | 50% Dolomite & 50% Gray Sand                       |           |                 |                    |                        |
| 2786 | 2787  | 90% Dolomite and trace of red sand                 |           |                 |                    |                        |
| 2787 | 2788  | 50% Dolomite & 50% Red Sand                        |           |                 |                    |                        |
| 2788 | 2789  | Dolomite                                           |           |                 |                    |                        |
| 2789 | 2790  | Coltite Dolomite tightly cemented w/lead oil stain |           |                 |                    |                        |
| 2790 | 2791  | stain                                              |           |                 |                    |                        |
| 2791 | 2792  | Ruby Dolomite Silty w/Dead oil stain               |           |                 |                    |                        |
| 2792 | 2793  | Dolomite                                           |           |                 |                    |                        |
| 2793 | 2794  | 50% Dolomite, 50% light Gray Sand                  |           |                 |                    |                        |
| 2794 | 2795  | Dolomite                                           |           |                 |                    |                        |
| 2795 | 2796  | TOTAL DEPTH                                        |           |                 |                    |                        |
| 2796 | 2797  | FORMATION                                          |           |                 |                    |                        |
| 2797 | 2798  | 90% Dolomite, 10% clay sand                        |           |                 |                    |                        |
| 2798 | 2799  | 100% light gray sand, fair to good stain           |           |                 |                    |                        |
| 2799 | 2800  | 100% clay sand, fair to light oil stain            |           |                 |                    |                        |
| 2800 | 2801  | Light cemented Gray Sand w/some amygdrite          |           |                 |                    |                        |
| 2801 | 2802  | Dolomite                                           |           |                 |                    |                        |
| 2802 | 2803  | 50% Dolomite & 50% Gray Sand                       |           |                 |                    |                        |
| 2803 | 2804  | 90% Dolomite and trace of red sand                 |           |                 |                    |                        |
| 2804 | 2805  | 50% Dolomite & 50% Red Sand                        |           |                 |                    |                        |
| 2805 | 2806  | Dolomite                                           |           |                 |                    |                        |
| 2806 | 2807  | Coltite Dolomite tightly cemented w/lead oil stain |           |                 |                    |                        |
| 2807 | 2808  | stain                                              |           |                 |                    |                        |
| 2808 | 2809  | Ruby Dolomite Silty w/Dead oil stain               |           |                 |                    |                        |
| 2809 | 2810  | Dolomite                                           |           |                 |                    |                        |
| 2810 | 2811  | 50% Dolomite, 50% light Gray Sand                  |           |                 |                    |                        |
| 2811 | 2812  | Dolomite                                           |           |                 |                    |                        |
| 2812 | 2813  | TOTAL DEPTH                                        |           |                 |                    |                        |
| 2813 | 2814  | FORMATION                                          |           |                 |                    |                        |
| 2814 | 2815  | 90% Dolomite, 10% clay sand                        |           |                 |                    |                        |
| 2815 | 2816  | 100% light gray sand, fair to good stain           |           |                 |                    |                        |
| 2816 | 2817  | 100% clay sand, fair to light oil stain            |           |                 |                    |                        |
| 2817 | 2818  | Light cemented Gray Sand w/some amygdrite          |           |                 |                    |                        |
| 2818 | 2819  | Dolomite                                           |           |                 |                    |                        |
| 2819 | 2820  | 50% Dolomite & 50% Gray Sand                       |           |                 |                    |                        |
| 2820 | 2821  | 90% Dolomite and trace of red sand                 |           |                 |                    |                        |
| 2821 | 2822  | 50% Dolomite & 50% Red Sand                        |           |                 |                    |                        |
| 2822 | 2823  | Dolomite                                           |           |                 |                    |                        |
| 2823 | 2824  | Coltite Dolomite tightly cemented w/lead oil stain |           |                 |                    |                        |
| 2824 | 2825  | stain                                              |           |                 |                    |                        |
| 2825 | 2826  | Ruby Dolomite Silty w/Dead oil stain               |           |                 |                    |                        |
| 2826 | 2827  | Dolomite                                           |           |                 |                    |                        |
| 2827 | 2828  | 50% Dolomite, 50% light Gray Sand                  |           |                 |                    |                        |
| 2828 | 2829  | Dolomite                                           |           |                 |                    |                        |
| 2829 | 2830  | TOTAL DEPTH                                        |           |                 |                    |                        |
| 2830 | 2831  | FORMATION                                          |           |                 |                    |                        |
| 2831 | 2832  | 90% Dolomite, 10% clay sand                        |           |                 |                    |                        |
| 2832 | 2833  | 100% light gray sand, fair to good stain           |           |                 |                    |                        |
| 2833 | 2834  | 100% clay sand, fair to light oil stain            |           |                 |                    |                        |
| 2834 | 2835  | Light cemented Gray Sand w/some amygdrite          |           |                 |                    |                        |
| 2835 | 2836  | Dolomite                                           |           |                 |                    |                        |
| 2836 | 2837  | 50% Dolomite & 50% Gray Sand                       |           |                 |                    |                        |
| 2837 | 2838  | 90% Dolomite and trace of red sand                 |           |                 |                    |                        |
| 2838 | 2839  | 50% Dolomite & 50% Red Sand                        |           |                 |                    |                        |
| 2839 | 2840  | Dolomite                                           |           |                 |                    |                        |
| 2840 | 2841  | Coltite Dolomite tightly cemented w/lead oil stain |           |                 |                    |                        |
| 2841 | 2842  | stain                                              |           |                 |                    |                        |
| 2842 | 2843  | Ruby Dolomite Silty w/Dead oil stain               |           |                 |                    |                        |
| 2843 | 2844  | Dolomite                                           |           |                 |                    |                        |
| 2844 | 2845  | 50% Dolomite, 50% light Gray Sand                  |           |                 |                    |                        |
| 2845 | 2846  | Dolomite                                           |           |                 |                    |                        |
| 2846 | 2847  | TOTAL DEPTH                                        |           |                 |                    |                        |
| 2847 | 2848  | FORMATION                                          |           |                 |                    |                        |
| 2848 | 2849  | 90% Dolomite, 10% clay sand                        |           |                 |                    |                        |
| 2849 | 2850  | 100% light gray sand, fair to good stain           |           |                 |                    |                        |
| 2850 | 2851  | 100% clay sand, fair to light oil stain            |           |                 |                    |                        |
| 2851 | 2852  | Light cemented Gray Sand w/some amygdrite          |           |                 |                    |                        |
| 2852 | 2853  | Dolomite                                           |           |                 |                    |                        |
| 2853 | 2854  | 50% Dolomite & 50% Gray Sand                       |           |                 |                    |                        |
| 2854 | 2855  | 90% Dolomite and trace of red sand                 |           |                 |                    |                        |
| 2855 | 2856  | 50% Dolomite & 50% Red Sand                        |           |                 |                    |                        |
| 2856 | 2857  | Dolomite                                           |           |                 |                    |                        |
| 2857 | 2858  | Coltite Dolomite tightly cemented w/lead oil stain |           |                 |                    | </                     |