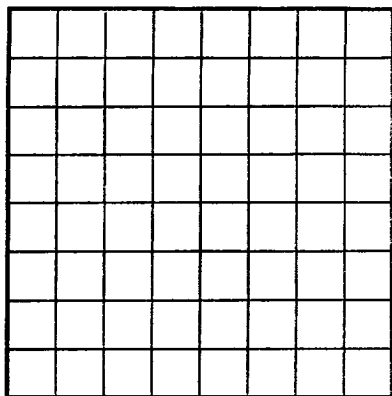


U. S. LAND OFFICE Las Cruces  
SERIAL NUMBER 028775 B  
LEASE OR PERMIT TO PROSPECT \_\_\_\_\_



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company American Republics Corpn. Address Artesia, New Mexico  
Lessor or Tract F. M. Robinson Field Grayburg-Jackson State New Mexico  
Well No. 10-B Sec. 35 T. 17S R. 20E Meridian NMPM County Eddy  
Location 1980 ft. {N.} of N. Line and 660 ft. {E.} of E. Line of Section 35 Elevation 3559  
(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 W B Macey  
Date August 8, 1946 Title Superintendent

The summary on this page is for the condition of the well at above date.  
Commenced drilling June 4, 1946 Finished drilling August 1, 1946

OIL OR GAS SANDS OR ZONES  
(Denote gas by G)

No. 1, from 2565 to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from 3125 to 3240 (broken) 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— |         |
|             |                 |                  |      |        |              |                     |            |     |         |
|             |                 |                  |      |        |              |                     |            |     |         |
|             |                 |                  |      |        |              |                     |            |     |         |
|             |                 |                  |      |        |              |                     |            |     |         |
|             |                 |                  |      |        |              |                     |            |     |         |
|             |                 |                  |      |        |              |                     |            |     |         |
|             |                 |                  |      |        |              |                     |            |     |         |
|             |                 |                  |      |        |              |                     |            |     |         |
|             |                 |                  |      |        |              |                     |            |     |         |

MUDDING AND CEMENTING RECORD

| Size casing   | Where set   | Number sacks of cement | Method used        | Mud gravity | Amount of mud used |
|---------------|-------------|------------------------|--------------------|-------------|--------------------|
| <u>8 1/4"</u> | <u>494</u>  | <u>50</u>              | <u>Halliburton</u> |             |                    |
| <u>7"</u>     | <u>3110</u> | <u>100</u>             | <u>"</u>           |             | <u>4</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 \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from Surface feet to TD 3250 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

DATES

\_\_\_\_\_, 19\_\_\_\_ Put to producing August 7, 1946

The production for the first 24 hours was 107 barrels of fluid of which 100 % was oil; \_\_\_\_\_ % emulsion; \_\_\_\_\_ % water; and \_\_\_\_\_ % sediment. Gravity, °Bé. \_\_\_\_\_

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

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

EMPLOYEES

Brewer Drilling Company, Driller \_\_\_\_\_, Driller  
Contractor \_\_\_\_\_, Driller  
\_\_\_\_\_, Driller \_\_\_\_\_, Driller

FORMATION RECORD

| FROM— | TO—  | TOTAL FEET | FORMATION              |
|-------|------|------------|------------------------|
| 0     | 80   | 80         | Sand                   |
| 80    | 90   | 10         | Gravel                 |
| 90    | 98   | 8          | Gravel                 |
| 98    | 140  | 42         | Sand                   |
| 140   | 320  | 180        | Red shale              |
| 320   | 328  | 8          | Water sand             |
| 328   | 440  | 112        | Red bed                |
| 440   | 840  | 400        | Salt                   |
| 840   | 2042 | 1202       | Anhydrite              |
| 2042  | 2072 | 30         | Red sand               |
| 2072  | 2099 | 27         | Anhydrite-broken       |
| 2099  | 2189 | 90         | Anhydrite              |
| 2189  | 2219 | 30         | Lime                   |
| 2219  | 2224 | 5          | Anhydrite              |
| 2224  | 2287 | 63         | Anhydrite & lime       |
| 2287  | 2318 | 31         | Anhydrite              |
| 2318  | 2350 | 32         | Anhydrite & brown sand |
| 2350  | 2372 | 22         | Anhydrite              |
| 2372  | 3250 | 878        | Lime                   |

## 1997-2000 2001-2004 2005-2008 2009-2012 2013-2016 2017-2020 2021-2024 2025-2028 2029-2032 2033-2036 2037-2040 2041-2044 2045-2048 2049-2052 2053-2056 2057-2060 2061-2064 2065-2068 2069-2072 2073-2076 2077-2080 2081-2084 2085-2088 2089-2092 2093-2096 2097-2100 2101-2104 2105-2108 2109-2112 2113-2116 2117-2120 2121-2124 2125-2128 2129-2132 2133-2136 2137-2140 2141-2144 2145-2148 2149-2152 2153-2156 2157-2160 2161-2164 2165-2168 2169-2172 2173-2176 2177-2180 2181-2184 2185-2188 2189-2192 2193-2196 2197-2200 2201-2204 2205-2208 2209-2212 2213-2216 2217-2220 2221-2224 2225-2228 2229-2232 2233-2236 2237-2240 2241-2244 2245-2248 2249-2252 2253-2256 2257-2260 2261-2264 2265-2268 2269-2272 2273-2276 2277-2280 2281-2284 2285-2288 2289-2292 2293-2296 2297-2300 2301-2304 2305-2308 2309-2312 2313-2316 2317-2320 2321-2324 2325-2328 2329-2332 2333-2336 2337-2340 2341-2344 2345-2348 2349-2352 2353-2356 2357-2360 2361-2364 2365-2368 2369-2372 2373-2376 2377-2380 2381-2384 2385-2388 2389-2392 2393-2396 2397-2400 2401-2404 2405-2408 2409-2412 2413-2416 2417-2420 2421-2424 2425-2428 2429-2432 2433-2436 2437-2440 2441-2444 2445-2448 2449-2452 2453-2456 2457-2460 2461-2464 2465-2468 2469-2472 2473-2476 2477-2480 2481-2484 2485-2488 2489-2492 2493-2496 2497-2500 2501-2504 2505-2508 2509-2512 2513-2516 2517-2520 2521-2524 2525-2528 2529-2532 2533-2536 2537-2540 2541-2544 2545-2548 2549-2552 2553-2556 2557-2560 2561-2564 2565-2568 2569-2572 2573-2576 2577-2580 2581-2584 2585-2588 2589-2592 2593-2596 2597-2600 2601-2604 2605-2608 2609-2612 2613-2616 2617-2620 2621-2624 2625-2628 2629-2632 2633-2636 2637-2640 2641-2644 2645-2648 2649-2652 2653-2656 2657-2660 2661-2664 2665-2668 2669-2672 2673-2676 2677-2680 2681-2684 2685-2688 2689-2692 2693-2696 2697-2700 2701-2704 2705-2708 2709-2712 2713-2716 2717-2720 2721-2724 2725-2728 2729-2732 2733-2736 2737-2740 2741-2744 2745-2748 2749-2752 2753-2756 2757-2760 2761-2764 2765-2768 2769-2772 2773-2776 2777-2780 2781-2784 2785-2788 2789-2792 2793-2796 2797-2800 2801-2804 2805-2808 2809-2812 2813-2816 2817-2820 2821-2824 2825-2828 2829-2832 2833-2836 2837-2840 2841-2844 2845-2848 2849-2852 2853-2856 2857-2860 2861-2864 2865-2868 2869-2872 2873-2876 2877-2880 2881-2884 2885-2888 2889-2892 2893-2896 2897-2900 2901-2904 2905-2908 2909-2912 2913-2916 2917-2920 2921-2924 2925-2928 2929-2932 2933-2936 2937-2940 2941-2944 2945-2948 2949-2952 2953-2956 2957-2960 2961-2964 2965-2968 2969-2972 2973-2976 2977-2980 2981-2984 2985-2988 2989-2992 2993-2996 2997-3000 3001-3004 3005-3008 3009-3012 3013-3016 3017-3020 3021-3024 3025-3028 3029-3032 3033-3036 3037-3040 3041-3044 3045-3048 3049-3052 3053-3056 3057-3060 3061-3064 3065-3068 3069-3072 3073-3076 3077-3080 3081-3084 3085-3088 3089-3092 3093-3096 3097-3100 3101-3104 3105-3108 3109-3112 3113-3116 3117-3120 3121-3124 3125-3128 3129-3132 3133-3136 3137-3140 3141-3144 3145-3148 3149-3152 3153-3156 3157-3160 3161-3164 3165-3168 3169-3172 3173-3176 3177-3180 3181-3184 3185-3188 3189-3192 3193-3196 3197-3200 3201-3204 3205-3208 3209-3212 3213-3216 3217-3220 3221-3224 3225-3228 3229-3232 3233-3236 3237-3240 3241-3244 3245-3248 3249-3252 3253-3256 3257-3260 3261-3264 3265-3268 3269-3272 3273-3276 3277-3280 3281-3284 3285-3288 3289-3292 3293-3296 3297-3300 3301-3304 3305-3308 3309-3312 3313-3316 3317-3320 3321-3324 3325-3328 3329-3332 3333-3336 3337-3340 3341-3344 3345-3348 3349-3352 3353-3356 3357-3360 3361-3364 3365-3368 3369-3372 3373-3376 3377-3380 3381-3384 3385-3388 3389-3392 3393-3396 3397-3400 3401-3404 3405-3408 3409-3412 3413-3416 3417-3420 3421-3424 3425-3428 3429-3432 3433-3436 3437-3440 3441-3444 3445-3448 3449-3452 3453-3456 3457-3460 3461-3464 3465-3468 3469-3472 3473-3476 3477-3480 3481-3484 3485-3488 3489-3492 3493-3496 3497-3500 3501-3504 3505-3508 3509-3512 3513-3516 3517-3520 3521-3524 3525-3528 3529-3532 3533-3536 3537-3540 3541-3544 3545-3548 3549-3552 3553-3556 3557-3560 3561-3564 3565-3568 3569-3572 3573-3576 3577-3580 3581-3584 3585-3588 3589-3592 3593-3596 3597-3600 3601-3604 3605-3608 3609-3612 3613-3616 3617-3620 3621-3624 3625-3628 3629-3632 3633-3