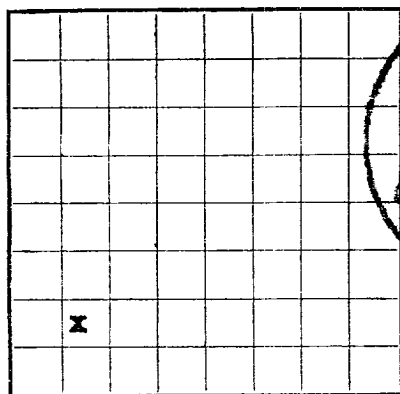
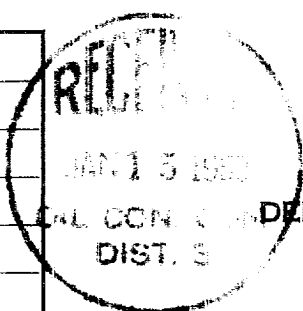


Form 9-330



LOCATE WELL CORRECTLY



U. S. LAND OFFICE **Jicarilla**
SERIAL NUMBER **39**
LEASE OR PERMIT TO PROSPECT **Jicarilla Tribal**

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
JAN 14 1960

U. S. GEOLOGICAL SURVEY
SANTA FE, NEW MEXICO

LOG OF OIL OR GAS WELL

Company **ARIZONA EXPLORATIONS, INC.** Address **417 Meadows Building, Dallas 6, Texas**
Lessor or Tract **Jicarilla** Field **Ballard PC** State **New Mexico**
Well No. **C-8** Sec. **3** T. **23N** R. **5W** Meridian **N.M.P.M.** County **Rio Arriba**
Location **1010** ft. **N.** of **S.** Line and **1030** ft. **E.** of **W.** Line of **Sec. 3** Elevation **6665**
(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 _____

Date **January 6th, 1960** Title **Vice-President**

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

Commenced drilling **November 16th**, 19**59** Finished drilling **December 4th**, 19**59**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **2183** to **2235 (G)** No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

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

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
8-5/8"	21.8	8	2183	2183	2183	2183	2204	2218	Production
5-1/2"	19.5	8	2183	2183	2183	2183	2224	2235	Production
1-1/4"	2.4	8	2221	2221	2221	2221			String

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	100	70	Pump & Plug		
5-1/2"	2303	100			
1-1/4"	2229				

PLUGS AND ADAPTERS

Heaving plug—Material **None** Length _____ Depth set _____
Adapters—Material **None** Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
Cleaned out to 2279'. Sandfraced through perforations with 30,000 gallons water and 40,000# sand, flushed with 3,200 gallons water.						

TOOLS USED

Rotary tools were used from **Surface** feet to **2310** feet, and from _____ feet to _____ feet
Cable tools were used **to complete** feet to _____ feet, and from _____ feet to _____ feet

DATES

Ran Tubing **Potential Test**
December 14th, 19**59** Put to producing **January 5th**, 19**60**

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

If gas well, cu. ft. per 24 hours **2,219,000** Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. **696** Open 3 hours through **3/4"** choke on casing. Choke volume **2,099 MCF/day**.

EMPLOYEES

Benson-Montin-Greer, Driller
Drilling Corp., Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	2073	2073	Surface sand and shale, Ojo Alamo, Kirtland and Fruitland formations
2073	2077	4	Coal
2077	2127	50	Shale
2127	2129	2	Coal
2129	2183	54	Shale
2183	2187	4	Coal
2187	2188	1	Shale
2188	2235	47	Sand
2235	2310	75	Shale
TOP OF PICTURED CLIFFS (ES) 2188'			

Approved: _____
Inscribed: _____

.....

..... IRAMU (1990)

100-443887-100

THE

THE INTERIOR

URVEY

GAS WELL

... ..

[illegible]

..... Elevations

is well and all work done. 11/19/50

Figure 1. The effect of the number of iterations on the accuracy of the proposed algorithm. The accuracy of the proposed algorithm increases with the number of iterations. The accuracy of the proposed algorithm is 100% when the number of iterations is 100.

1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 26

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_____ of _____

91

Figure 1 is a line graph titled 'Number of cases of COVID-19 in the United States'. The vertical axis (y-axis) is labeled 'Number of cases' and has a scale from 0 to 1,000,000 in increments of 200,000. The horizontal axis (x-axis) is labeled 'Date' and shows dates from March 1 to May 1, 2020. The data points are connected by a solid line. The number of cases starts near zero in early March, begins a steep climb around March 15, reaches a peak of approximately 1,000,000 cases in early April, and then shows a downward trend, ending at approximately 500,000 cases by May 1.

[illegible]

SECRET

tion, and results of pumping or dewatering.

THE UNIVERSITY OF CHICAGO

10-10-68

16-48094-2 U. S. GOVERNMENT PRINTING OFFICE

[illegible]

[The following information was obtained from the records maintained by the Bureau of Motor Vehicle Registration, State of California.]

DATE: 11/11/1964

Year	Number of cases
1997	~10,000
1998	~15,000
1999	~20,000
2000	~95,000
2001	~10,000
2002	~15,000
2003	~20,000
2004	~25,000
2005	~30,000
2006	~35,000

[illegible][illegible]

the direct

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1. The first group of variables is the set of variables that are used to describe the characteristics of the firm. These variables are: size, age, industry, and location. Size is measured by the number of employees, age by the year of establishment, industry by the two-digit SIC code, and location by the state of the firm's headquarters.