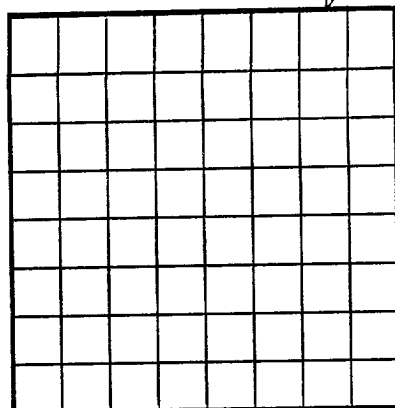




U. S. LAND OFFICE **Las Cruces**
 SERIAL NUMBER **050429-A**
 LEASE OR PERMIT TO PROSPECT _____
Faye M. Saunders

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Dixon & Yates et al. Address Artesia, New Mexico
Lessor or Tract Saunders Field Loco Hills State New Mexico
Well No. 2-A Sec. 12 T. 18 R. 29 Meridian N. M. P. M. County Sady
Location 330 ft. { N } of N. Line and 2310 ft. { W } of E. Line of Sec. 12 Elevation _____
(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.

Date May 4, 1940 Title Partner

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

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

Commenced drilling March 26, 1940 Finished drilling April 25, 1940

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

(Denote gas by G)

No. 1, from <u>2714</u> to <u>2738</u>	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. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7"OD		2636'	100 sacks of cement,	4 tons of mud	
8"		440'	50 sacks of cement.		

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
Shot well from 2714 to 2738 with 100 quarts of nitro-glycerin on April 23, 1940, by New Mexico Glycerin Co.						

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

Cable tools were used from ~~_____~~ 0 feet to 2738 feet, and from _____ feet to _____ feet.

DATES

-----, 19----- Put to producing ----- April 24, -----, 1940
30 bbls per hour on 6 hour test
 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 ----- Gallons gasoline per 1,000 cu. ft. of gas -----
 Rock pressure, lbs. per sq. in. -----

EMPLOYEES

EMPLOYEES	
Jim Folk	Driller
E. L. Atwood	Driller
Dave Brandell	Driller
	Driller

FORMATION RECORD

FORMATION RECORD			
FROM—	TO—	TOTAL FEET	FORMATION
0	100		Red sand and shale
100	116		Sand rock
116	150		Red sandy shale
150	220		Gypsum
220	315		Gypsum and red rock
315	352		Red shale and sand
352	360		Salt
360	385		Salt and shale
385	440		Salt
440	500		Salt and potash
500	800		Salt
800	875		Salt and potash shells
875	960		Salt and anhydrite shells
960	1038		Salt
1038	1680		Anhydrite
1680	1720		Anhydrite, brown lime
1720	1795		Anhydrite
1795	1835		Anhydrite and brown lime
1835	2025		Anhydrite
2025	2080		Anhydrite and red rock
2080	2125		Anhydrite
2125	2220		Anhydrite and red rock
2220	2380		Anhydrite and lime
2380	2400		Gray Lime
2400	2415		Red sand and anhydrite

LOG OF OIL OR GAS WELL

GEOL OGICAL SURVEY

DEPARTMENT OF THE INTERIOR

UNITED STATES

LOCATE WELL CORRECTLY

A blank sheet of graph paper with a grid pattern. The grid consists of 10 columns and 8 rows of squares. The lines are black and the background is white. There is a small dark mark in the top right corner.

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.

Location $\left\{ \begin{array}{l} \text{N. of } \dots \text{ Line and } \dots \text{ to } \dots \\ \text{S. of } \dots \text{ Line and } \dots \text{ to } \dots \end{array} \right.$ of $\left\{ \begin{array}{l} \text{E. of } \dots \text{ Line of } \dots \\ \text{W. of } \dots \text{ Line of } \dots \end{array} \right.$ Elevation $\dots$

Well No. $\dots$ Sec. $\dots$ T. $\dots$ R. $\dots$ Meridian $\dots$ County $\dots$ State $\dots$

Lessor or Trust $\dots$ Field $\dots$ State $\dots$

Company $\dots$ Address $\dots$

Commenced drilling _____ 19____
The summary on this page is for the condition of the well at above date.
Date _____ Title _____
Signed _____

(Deduced by G)

OIL OR GAS SANDS OR ZONES

No. 1 from	to
No. 2 from	to
No. 3 from	to

REPORTANT WALTER SANDS

No. 2 from to
 No. 1 from to

010279 074240

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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 "sacked" 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

U. S. GOVERNMENT PRINTING OFFICE 8-57275

RECORDING AND COMMUNICATIONS RECORD

Item	Number of bags of cement	Method used	Food quantity	Amount of food used
1. Cement	100	Hand	100	100
2. Cement	100	Hand	100	100
3. Cement	100	Hand	100	100
4. Cement	100	Hand	100	100
5. Cement	100	Hand	100	100
6. Cement	100	Hand	100	100
7. Cement	100	Hand	100	100
8. Cement	100	Hand	100	100
9. Cement	100	Hand	100	100
10. Cement	100	Hand	100	100

PLUGS AND ADAPTERS

Heaving plug	Material	Length	Depth set

SHOOTING RECORD

[illegible]

TOOLS USED

Rotary tools were used from	feet to	feet, and from	feet to
Cable tools were used from	feet to	feet, and from	feet to

257A0

[illegible]

03701944

1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	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</
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FORMATION RECORD

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KONTAKT

TEST 1A: 1995

Depth	Soil	Gravel	Coarse sand	Medium sand	Fine sand	Silt	Clay	Organic matter	Other
0-10	27.35	27.50	27.65	27.80	27.95	28.10	28.25	28.40	28.55
10-20	28.70	28.85	29.00	29.15	29.30	29.45	29.60	29.75	29.90
20-30	27.98	28.13	28.28	28.43	28.58	28.73	28.88	29.03	29.18
30-40	27.72	27.87	28.02	28.17	28.32	28.47	28.62	28.77	28.92
40-50	27.08	27.23	27.38	27.53	27.68	27.83	27.98	28.13	28.28
50-60	26.58	26.73	26.88	27.03	27.18	27.33	27.48	27.63	27.78
60-70	26.30	26.45	26.60	26.75	26.90	27.05	27.20	27.35	27.50
70-80	26.15	26.30	26.45	26.60	26.75	26.90	27.05	27.20	27.35
80-90	26.00	26.15	26.30	26.45	26.60	26.75	26.90	27.05	27.20
90-100	25.85	26.00	26.15	26.30	26.45	26.60	26.75	26.90	27.05
100-110	25.70	25.85	26.00	26.15	26.30	26.45	26.60	26.75	26.90
110-120	25.55	25.70	25.85	26.00	26.15	26.30	26.45	26.60	26.75
120-130	25.40	25.55	25.70	25.85	26.00	26.15	26.30	26.45	26.60
130-140	25.25	25.40	25.55	25.70	25.85	26.00	26.15	26.30	26.45
140-150	25.10	25.25	25.40	25.55	25.70	25.85	26.00	26.15	26.30
150-160	24.95	25.10	25.25	25.40	25.55	25.70	25.85	26.00	26.15
160-170	24.80	24.95	25.10	25.25	25.40	25.55	25.70	25.85	26.00
170-180	24.65	24.80	24.95	25.10	25.25	25.40	25.55	25.70	25.85
180-190	24.50	24.65	24.80	24.95	25.10	25.25	25.40	25.55	25.70
190-200	24.35	24.50	24.65	24.80	24.95	25.10	25.25	25.40	25.55
200-210	24.20	24.35	24.50	24.65	24.80	24.95	25.10	25.25	25.40
210-220	24.05	24.20	24.35	24.50	24.65	24.80	24.95	25.10	25.25
220-230	23.90	24.05	24.20	24.35	24.50	24.65	24.80	24.95	25.10
230-240	23.75	23.90	24.05	24.20	24.35	24.50	24.65	24.80	24.95
240-250	23.60	23.75	23.90	24.05	24.20	24.35	24.50	24.65	24.80
250-260	23.45	23.60	23.75	23.90	24.05	24.20	24.35	24.50	24.65
260-270	23.30	23.45	23.60	23.75	23.90	24.05	24.20	24.35	24.50
270-280	23.15	23.30	23.45	23.60	23.75	23.90	24.05	24.20	24.35
280-290	23.00	23.15	23.30	23.45	23.60	23.75	23.90	24.05	24.20
290-300	22.85	23.00	23.15	23.30	23.45	23.60	23.75	23.90	24.05
300-310	22.70	22.85	23.00	23.15	23.30	23.45	23.60	23.75	23.90
310-320	22.55	22.70	22.85	23.00	23.15	23.30	23.45	23.60	23.75
320-330	22.40	22.55	22.70	22.85	23.00	23.15	23.30	23.45	23.60
330-340	22.25	22.40	22.55	22.70	22.85	23.00	23.		

NORMAN

TOTAL FEET

70-

FORMATION RECORD—Continued

Q-107