

Casa No.

716

Application, Transcript,
Small Exhibits, Etc.

CASE 716: Burnham Oil Co - three unorthodox 'five-spot' locations, Square Lake Pool, Eddy County

1947

CANAL OF THE VENTRICLES.

This case came on for hearing at 2 o'clock P.M. on June 16, 1957, before the Oil Pollution Control Commission of New London, hereinafter referred to as the "Commission."

Now, on this 19th day of August, 1934, the said George,
 upon being present, fully advised the facts and testimony adduced
 and being fully advised in the premises.

1. That due notice of the filing of the application for habeas corpus having been given, the Commission has jurisdiction of this case and the subject matter thereof.

2. That petitioner is the owner of the oil and gas leases (from the State of Louisiana) covering the following described lands, to-wit:

January 19, 1944, to 1945, and
1946, Section 2

[illegible]

4. The above information is being furnished to you for your information only. It is not intended to constitute an offer of insurance or any other financial product. The information is being provided to you for your information only and should not be used as a basis for any investment decision. The information is being provided to you for your information only and should not be used as a basis for any investment decision. The information is being provided to you for your information only and should not be used as a basis for any investment decision.

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, 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, 26

(a) Turnham Oil Co. State No. 12 Well:

(c) Durham Oil Co., State No. 1 Well:

(c) Jurimex Oil Co., State No. 12 Well;

2. That applicant shall not receive any additional allowable by reason of drilling such wells, and that applicant shall only produce the allowable for each 40-acre unit affected as ordered by the Commission under provisions of Rule 505 of the rules and Regulations.

STATE OF NEW JERSEY
OFFICE OF THE ATTORNEY GENERAL

E. J. Kneale

Ed Walker

WB Macey

TELEPHONE 651

DONALD S. BUSH
ATTORNEY AT LAW
216 BOOKER BUILDING
ARTESIA 3, NEW MEXICO

MAIN OFFICE, CCC
MAY 10 1954
8:42

May 10, 1954

Mr. R. R. Spurrier
Oil Conservation Commission
Santa Fe, New Mexico

Dear Dick: Re: Burnham Oil Company

Enclosed please find application by Burnham Oil Company in triplicate for filing.

Mr. Jeffers desires to have this case heard at your June setting if at all possible.

Thank you for this attention.

Yours very truly,

Donald S. Bush

B:B
Enc.

BEFORE THE OIL CONSERVATION COMMISSION OF THE STATE OF NEW MEXICO

1 IN THE MATTER OF THE APPLICATION
2 OF E. JEFFERS, d/b/a THE BURNHAM
3 OIL COMPANY, FOR AN ORDER PERMITTING
4 THE DRILLING OF THREE UNORTHODOX
5 (FIVE SPOT) LOCATIONS WITHIN THE
6 BOUNDARIES OF THE SQUARE LAKE POOL,
7 LOCATED IN SECTION 2, TOWNSHIP 17
8 SOUTH, RANGE 30 EAST, N.M.P.M.,
9 EDDY COUNTY, NEW MEXICO

No. 716

A P P L I C A T I O N

The petitioner herein states that he is an individual,
operating as the BURNHAM OIL COMPANY and, in connection with this
application, states as follows:

1. That he is the owner of two State of New Mexico oil
and gas leases, bearing the Serial Numbers and embracing the lands
situated in Eddy County, New Mexico, more particularly described
as follows, to-wit:

LEASE NO. B-8146:

Township 17 South, Range 30 East, N.M.P.M.,
Section 2: SW $\frac{1}{4}$.

LEASE NO. B-3635:

Township 17 South, Range 30 East, N.M.P.M.
Section 2: SE $\frac{1}{4}$ and SW $\frac{1}{4}$ NW $\frac{1}{4}$.

2. That there is an existing producing well upon center
locations of each of the 40-acre units above described, now pro-
ducing from the Grayburg and/or upper San Andres formations, at the
approximate depth of 3,000 feet, all of which is more particularly
shown by the plat of the whole area, hereto attached, marked
Exhibit "A" and, by this reference, made a part hereof.

3. That the petitioner desires to drill three unorthodox
(five spot) locations, described as follows, to-wit:

a. Burnham Oil Company State No. 10 Well, to be located
1345 feet North of the South line and 1345 feet East of the West
line of said Section 2, said well to be located on lease No. B-8146.

b. Burnham Oil Company State No. 11 Well, to be located
1345 feet North of the South line and 2615 feet West of the East
line of said Section 2, said well to be located on lease No. B-3635.

LAW OFFICES
DONALD S. BUSH
SUITE 216 BOOKER BUILDING
ARTESIA, NEW MEXICO

LAW OFFICES
DONALD S. BUSH
SUITE 216 BOOKER BUILDING
ARTESIO, NEW MEXICO

1 c. Burnham Oil Company State No. 12 2511, to be located
2 1345 feet North of the South line and 1295 feet West of the East
3 line of said Section 2, said well to be located on lease No. B -3635.

4 4. That each of the aforesaid unorthodox locations are more
5 fully shown by the respective plats thereof, hereto attached,
6 marked "Exhibits "B", "C" and "D" and, by this reference, made a
7 part hereof.

8 5. That upon the basis of the geological and engineering
9 data at hand, the petitioner is of the opinion that one well in
10 the center of each 40-acre unit will not sufficiently drain all the
11 oil recoverable from each such 40-acre tract; that the drilling of
12 the three "five spot" locations herein requested will be in the
13 interest of conservation, will prevent waste and procure a greater
14 ultimate recovery of oil which will not be produced without such
15 additional wells.

16 6. That no adjacent leaseholders will be adversely affected
17 by this operation.

18 7. That no additional allowable will be requested, by
19 reason of such additional wells and that the petitioner will pro-
20 duce only the allowable set by this Commission as to the 40-acre
21 units affected thereby.

22 In consideration of the foregoing statements, the petitioner
23 respectfully requests:

24 a. That the Commission set a date for hearing on this
25 matter.

26 b. That the Commission give notice of such hearing as is
27 required by law, rules and regulations.

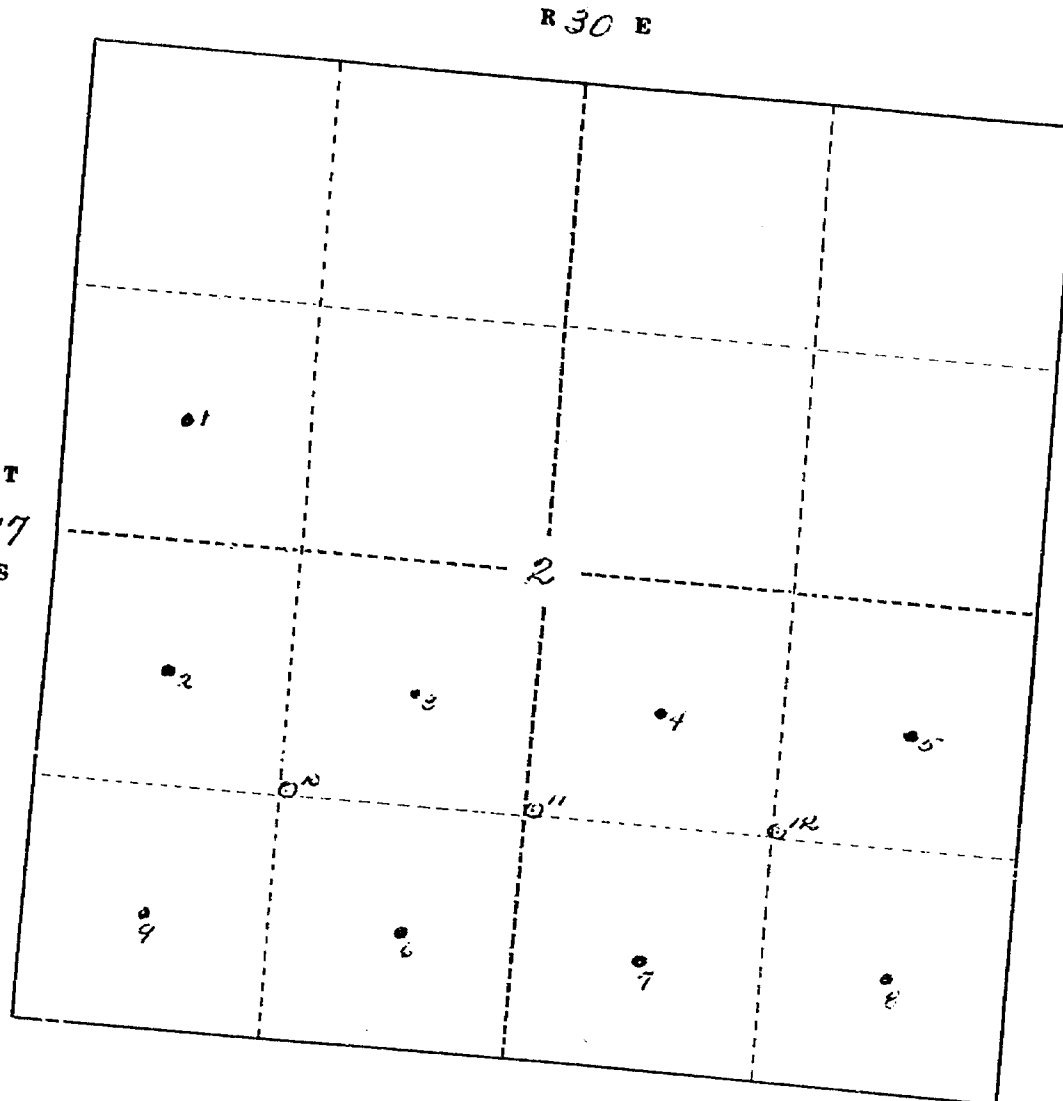
28 c. That the unorthodox locations herein requested, be
29 approved by the Commission and permission granted to drill and
30 produce the same.

31 Dated this 10 day of May, 1954.

32

BURNHAM OIL COMPANY

By E. Jeffers
Owner



Scale: 1"=1000'

I hereby certify that this plat was made from notes taken in the field in an actual bona fide survey and that the same is true and correct to the best of my belief.

James H. Brown
James H. Brown
N.M.L.S. No. 542

A PLAT OF THE

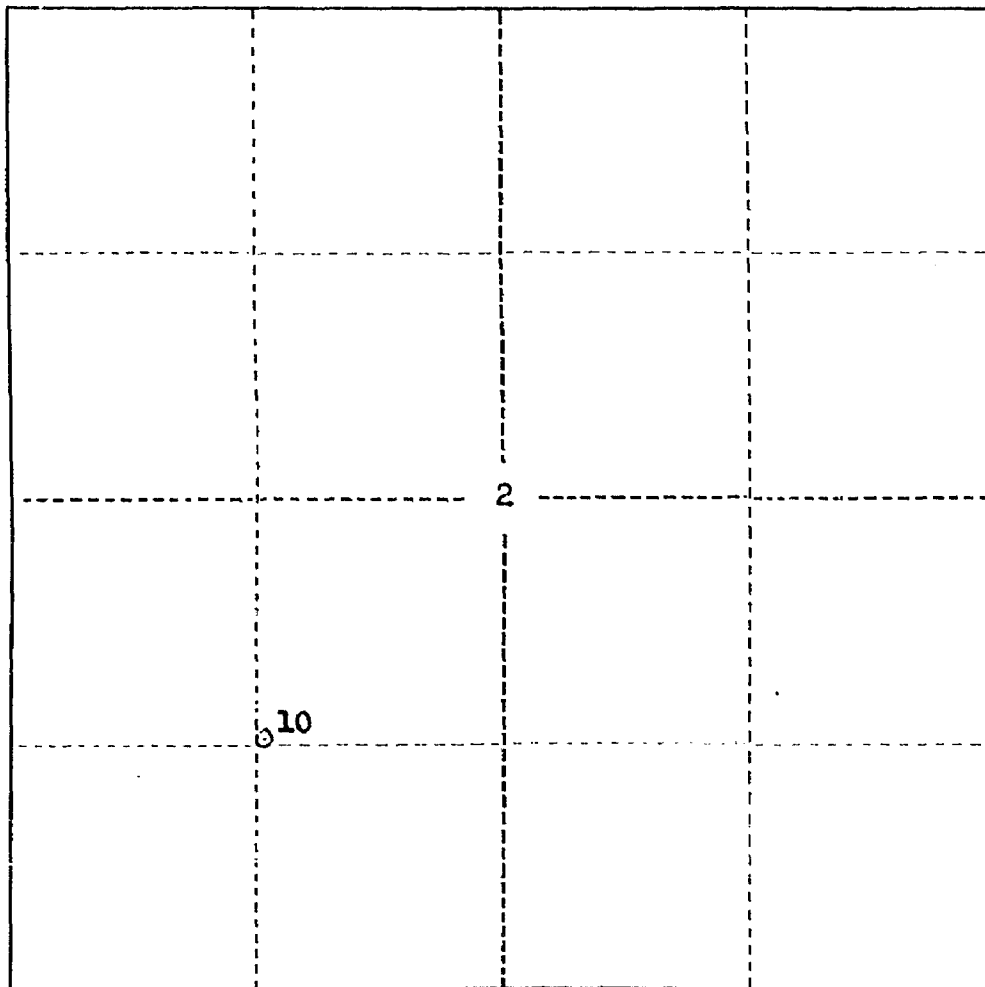
Burnham Oil Co. - Production

LOCATION

..... ft. of the line
..... ft. of the line
Section *2*, T. *17* S, R. *30* E
Eddy County, New Mexico.

R 30 E

T
17
S



Scale: 1"=1000'

A PLAT OF THE
BURNHAM OIL CO. STATE No. 10

LOCATION

1345ft. North of the South line
1345ft. East of the West line
Section 2, T17 S, R 30 E
EDDY County, New Mexico.

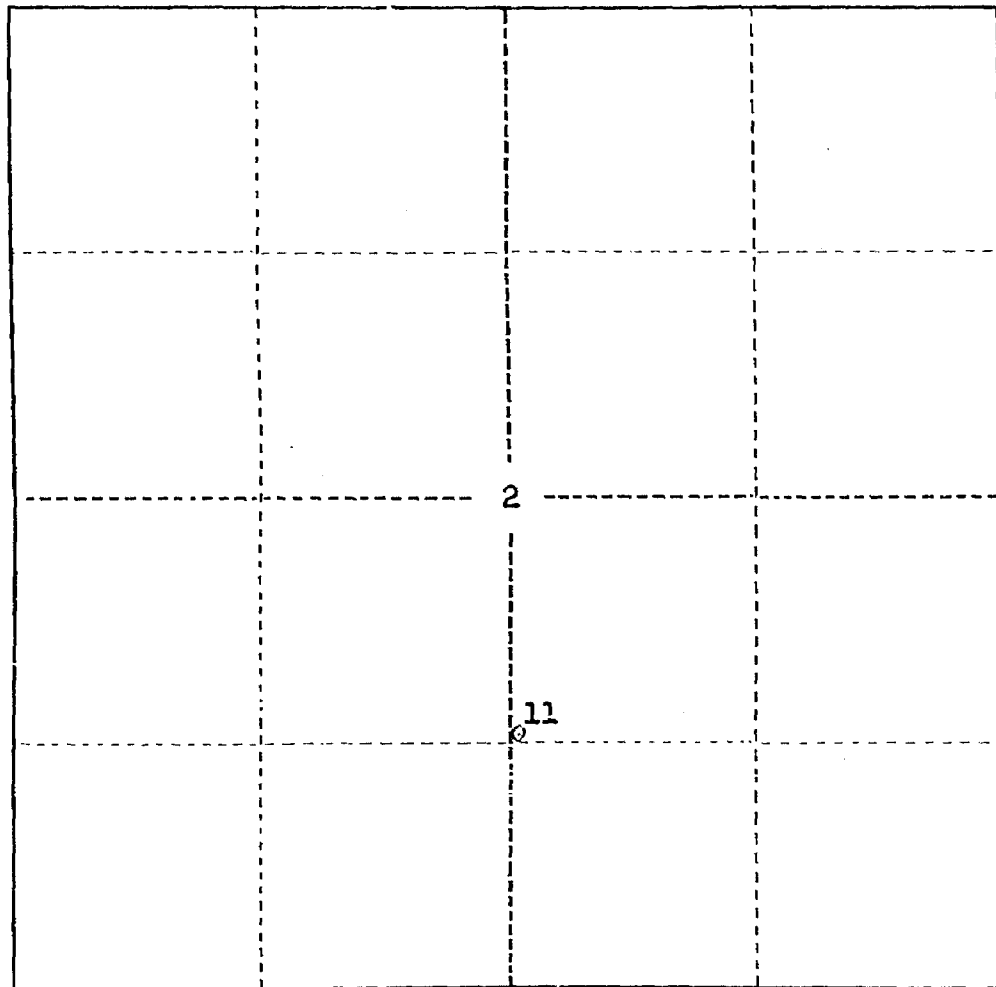
I hereby certify that this plat was made from notes taken
in the field in an actual bona fide survey and that the same
is true and correct to the best of my belief.

James H. Brown
James H. Brown
N.M.L.S. No. 542

DAVID T. "B"

R 30 E

T
17
S



Scale: 1"=1000'

A PLAT OF THE

BURNHAM OIL Co. STATE No. 11.

LOCATION

1345 ft. North of the South line

2615 ft. West of the East line

Section 2, T. 17 S, R 30 E

EDDY County, New Mexico.

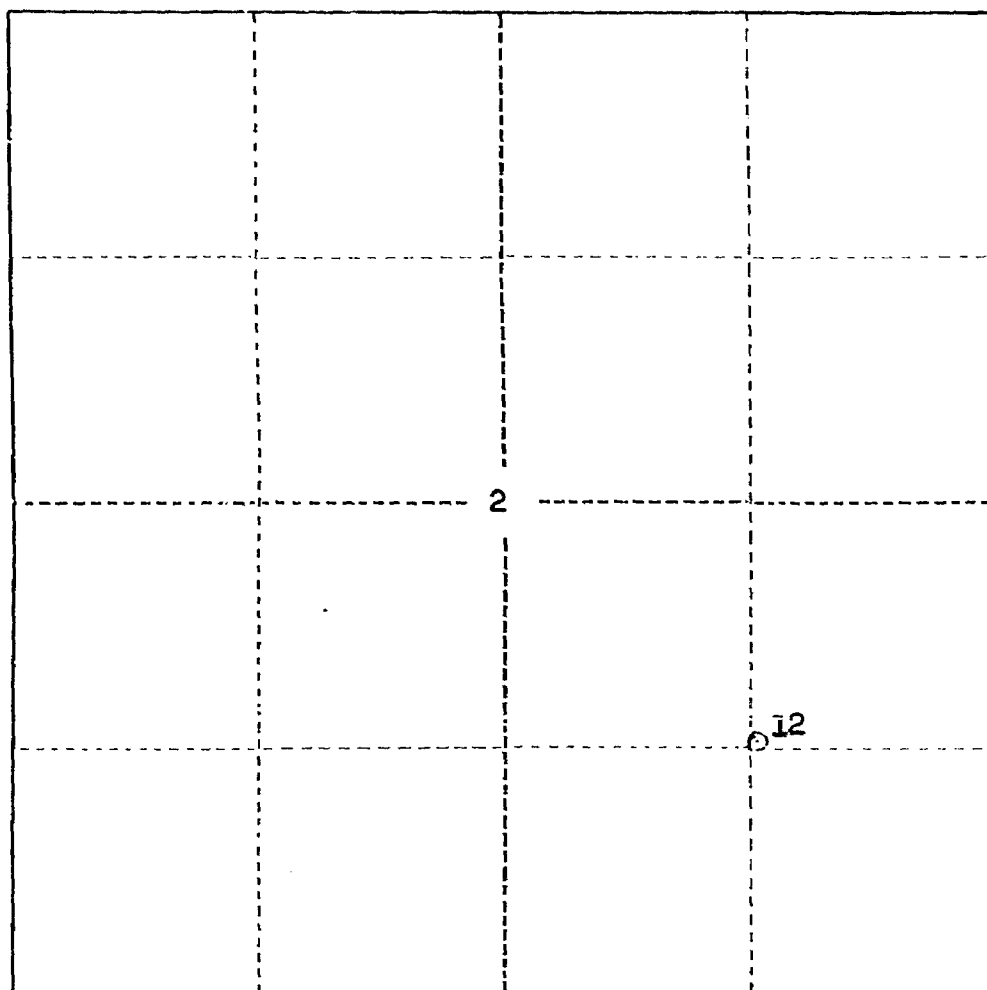
I hereby certify that this plat was made from notes taken
in the field in an actual bona fide survey and that the same
is true and correct to the best of my belief.

James H. Brown
James H. Brown
N.M.L.S. No. 542

EXHIBIT "C"

R 30 E

T
17
S



Scale: 1"=1000'

A PLAT OF THE
BURNHAM OIL Co.-STATE No.12

LOCATION

1345 ft. North of the South line
1295 ft. West of the East line
Section 2, T. 17 S, R 30 E
EDDY County, New Mexico.

I hereby certify that this plat was made from notes taken
in the field in an actual bona fide survey and that the same
is true and correct to the best of my belief.

James H. Brown
James H. Brown
N.M.L.S. No. 542

EXHIBIT "D"

Memo

From
L. A. HANSON
Oil & Gas Inspector

To Bill Macey

193

Case # 716

Attached herewith are the
copies of letters to offset operators
in connection with the above
case # 716 from Burnham Oil Co.
(E. Jeffers) he says he had
these with him at the hearing
but no one asked for them, so
he just didn't think of handing (over)

E. JEFFERS, OWNER

PHONE 1256

BURNHAM OIL COMPANY

BOX 44
ARTESIA, NEW MEXICO
June 7, 1954

MAIN OFFICE OCC

JUN 10 AM 8:20

R. D. Collier
907 West Texas
Artesia, New Mexico

Dear Sir:

We have applied for a permit to drill a 5-spot location on our Square Lake Lease, Sec. 2-17-30, and as you have offset acreage we are serving notice to that effect. The hearing has been set for June 16, 1954 at Santa Fe, New Mexico.

Yours very truly,

E. Jeffers
E. Jeffers L.C.

EJ:lc

E. JEFFERS, OWNER

PHONE 1256

BURNHAM OIL COMPANY

BOX 65
ARTESIA, NEW MEXICO

June 7, 1954

Nash, Windfohr, & Brown
Box 366
Leco Hills, New Mexico

Attention: Mr. McFall

Dear Sir:

We have applied for a permit to drill a 5-spot location on our Square Lake Lease, Sec. 2-17-30, and as you have offset acreage we are serving notice to that effect. The hearing has been set for June 16, 1954, at Santa Fe, New Mexico.

Yours very truly,

E. Jeffers
E. Jeffers

EJ:lc

E. JEFFERS, OWNER

PHONE 1256

BURNHAM OIL COMPANY

BOX 65
ARTESIA, NEW MEXICO

June 7, 1954

General American Oil Co. of Texas
Republic Bank Bldg.
Dallas 1, Texas

Gentlemen:

We have applied for a permit to drill a 5-spot location on our Square Lake Lease, Sec. 2-17-30, and as you have offset acreage we are serving notice to that effect. The hearing has been set for June 16, 1954, at Santa Fe, New Mexico.

Yours very truly,

E. Jeffers
E. Jeffers

L.C.

EJ:lc

E. JEFFERS, OWNER

PHONE 1256

BURNHAM OIL COMPANY
BOX 65
ARTESIA, NEW MEXICO

June 7, 1954

Welch & Iverson
Booker Bldg.
Artesia, New Mexico

Gentlemen:

We have applied for a permit to drill a 5-spot location on our Square Lake Lease, Sec. 2-17-30, and as you have offset acreage we are serving notice to that effect. The hearing has been set for June 16, 1954, at Santa Fe, New Mexico.

Yours very truly,

E. Jeffers
E. Jeffers L.C.

EJ:lc

E. JEFFERS, OWNER

PHONE 1256

BURNHAM OIL COMPANY

BOX 65

ARTESIA, NEW MEXICO

June 7, 1954

Texas Consolidated Oil Co.
903 Employers Insurance Bldg.
Dallas, Texas

Gentlemen:

We have applied for a permit to drill a 5-spot location on our Square Lake Lease, Sec. 2-17-30, and as you have offset acreage we are serving notice to that effect. The hearing has been set for June 16, 1954 at Santa Fe, New Mexico.

Yours very truly,

E. Jeffers
E. Jeffers L.C.

EJ:ls

E. JEFFERS, OWNER

BURNHAM OIL COMPANY
BOX 65
ARTESIA, NEW MEXICO

PHONE 1256

June 7, 1954

O. H. Randel
Box 872
Carlsbad, New Mexico

Dear Sir:

We have applied for a permit to drill a 5-spot location on our Square Lake Lease, Sec. 2-17-30, and as you have offset acreage we are serving notice to that effect. The hearing has been set for June 16, 1954, at Santa Fe, New Mexico.

Yours very truly,

E. Jeffers
E. Jeffers

E.C.

EJ:lc

BEFORE THE
OIL CONSERVATION COMMISSION
STATE OF NEW MEXICO
Santa Fe, New Mexico

* * * * *

TRANSCRIPT OF PROCEEDINGS

CASE NO. 716

Regular Hearing

BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
June 16, 1951

IN THE MATTER OF:

Application of Burnham Oil Company for approval of three unorthodox (five-spot) locations within the Square Lake Pool, located in Section 2, Township 17 South, Range 30 East, NMPM, Eddy County, New Mexico.

Case No. 716

BEFORE:

Honorable Edwin L. Mechem
Mr. E. S. (Johnny) Walker
Mr. R. R. Spurrier

TRANSCRIPT OF HEARING

MR. SPURRIER: Is there anyone here representing Burnham?

MR. JEFFERS: My name is E. Jeffers. We have applied for three unorthodox locations in Section 2, Township 17 South, Range 30 East, in the south half. We have the application filed here with the Commission. They are five-spot locations. We have eight wells on that half section now. We want to drill three five-spot locations on it.

E. JEFFERS,

Witness, appearing first only now, testifies as follows:

DIRECT EXAMINATION

Q. A. YOUNG:

A. Mr. Jeffers, in his novel in your application, Paragraph

five states: "Based upon the basis of the geological and engineering data at hand that the petitioner is of the opinion that one well at the center of each 40 acre unit will not sufficiently drain all the oil recoverable from each such 40-acre tract." On what engineering data is that statement based?

A Well, I don't have anything with me, but on the general opinion in our experience is that you can't drain 40 acres with one well.

By MR. MACKEY:

Q You are not asking for an increase in any allowable. In other words, you are going to get the total allowable out of the 40 on the two wells located on the 40 acre unit?

A That is right, I think that states that there.

Q Have you talked with any of your off-set operators?

A I have notified all of them. I did talk to the Brown man, you know, in just a general way. He said, "Sure they wouldn't have any objection." I notified all of the off-set lease owners by letter.

Q Isn't it a fact there have been other five-spot authorizations in the Square Lake Pool?

A Yes, sir.

Q Mr. Jeffers, did you say you wanted to drill two wells or three?

A Three.

Q I thought you said two?

A No, three.

MR. MACEY: That is all.

MR. SPURRIER: Does anyone else have a question of Mr. Jeffers?

A I think they are spotted on that plat, aren't they?

MR. KITTS: Yes.

MR. SPURRIER: If no questions of the witness the witness may be excused.

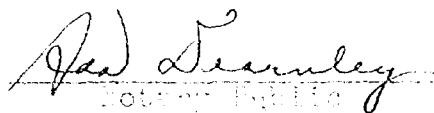
(Witness excused.)

MR. SPURRIER: Does anyone have a comment in the case? If not we will take the case under advisement and move on to Case 717.

C E R T I F I C A T E

I, ADA DEARNLEY, do hereby certify that the foregoing and above transcript of proceedings before the New Mexico Oil Conservation Commission, held at Mabry Hall, Santa Fe, New Mexico on June 16, 1954 is a true and correct record to the best of my knowledge, skill and ability.

Dated at Albuquerque, New Mexico, this 18th day of June, 1954.


Ada Dearnley
Notary Public

My Commission Expires:
June 19, 1955