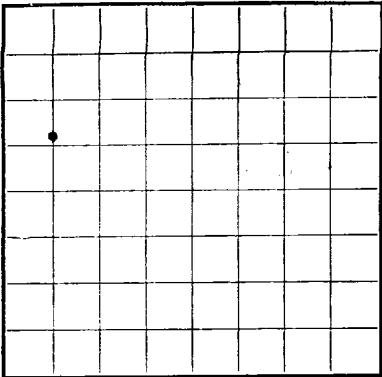


U. S. LAND OFFICE **New Mexico**
SERIAL NUMBER **LC-069832-C**
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **Lion Oil Company** Address **Box 492, Snyder, Texas**
Lessor or Tract **Erwin** Field **S. Drickey-Queen Ext.** State **New Mexico**
Well No. **6** Sec. **4** T. **15S** R. **31E** Meridian **NMPM** County **Chaves**
Location **2010.42** ft. **XX** of N. Line and **660** ft. **XX** of W. Line of **Sec. 4** Elevation **4450**
(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 **D. H. Drickey**

Date **6 - 2 - 55** Title **District Engineer**

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

Commenced drilling **5 - 5**, 19**55** Finished drilling **5 - 15**, 19**55**

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

No. 1, from **3136** to **3145** 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 **None Encountered** 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—	
10-3/4"	41#	8V		303.29	Float				Surface
5-1/2"	15.5#	8rd		3168.23	Float shoe	3136	3115		oil string
					collar				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"	315.79'	250	Displaced & Plug.		
5-1/2"	3168.23'	150	"	"	

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 **0** feet to **3180** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

6 - 2, 19**55** Put to producing **5 - 30**, 19**55**

The production for the first 24 hours was **80** barrels of fluid of which **99.8** % was oil; _____ % emulsion; _____ % water; and **.2** % sediment. Gravity **38.0** API

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

Rock pressure, lbs. per sq. in. **Unknown**

EMPLOYEES

Darrel W. Smith Drlg. Co.
H. O. Thorne, Driller **Truman Broughton**, Driller
J. A. Reeves, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	25	25	Caliche
25	283	258	Sand, F-med. with shale
283	1370	1087	Red beds with sand
1370	1400	30	Anhydrite
1400	2315	915	Salt, shale, sand & anhy.
2315	2465	150	Sand & shale with anhydrite
2465	3132	667	Anhydrite with some sand, red shale, dolomite and salt.
3132	3147	15	Gray sand
3147	3180	33	Anhydrite, red sand and shale. T.D. PBD 3151.

Attached: 1 copy of sample description and inclination survey.

SECRET
DEPARTMENT OF DEFENSE
OFFICE OF THE SECRETARY

NEW YORK, N.Y., May 10, 1964

The following is a list of the names of the persons who have been appointed to the various positions in the Department of the Interior, under the authority of the Secretary of the Interior, for the year ending June 30, 1901.

Position	Name
Secretary of the Interior	Reuben T. Hiram
Assistant Secretary of the Interior	John W. Powell
Chief of the Bureau of Land Management	John W. Powell
Chief of the Bureau of Indian Affairs	John W. Powell
Chief of the Bureau of Geographical Names	John W. Powell
Chief of the Bureau of the Census	John W. Powell
Chief of the Bureau of the Coast and Geodetic Survey	John W. Powell
Chief of the Bureau of the Fish and Game Service	John W. Powell
Chief of the Bureau of the Forestry Service	John W. Powell
Chief of the Bureau of the Mineral Lands Service	John W. Powell
Chief of the Bureau of the National Park Service	John W. Powell
Chief of the Bureau of the Reclamation Service	John W. Powell
Chief of the Bureau of the Survey Service	John W. Powell
Chief of the Bureau of the Waterways Service	John W. Powell
Chief of the Bureau of the Wildlife Service	John W. Powell
Chief of the Bureau of the Zoological Service	John W. Powell

$\mathcal{H}^1(\mathbb{R}^n) \subset \mathcal{H}^1(\mathbb{R}^n)$ and $\mathcal{H}^1(\mathbb{R}^n) \subset \mathcal{H}^1(\mathbb{R}^n)$ are the Hardy spaces of functions of vanishing mean and of vanishing mean and vanishing mean, respectively.

1. The first part of the paper is devoted to the study of the asymptotic behavior of the solutions of the system (1) as $\epsilon \rightarrow 0$. It is shown that the solutions of the system (1) converge to the solutions of the system (2) in the sense of the weak convergence in the space $L^2(\Omega; \mathbb{R}^n)$.

RECORDED BY: 11-10-1964

[illegible]

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.

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

[illegible]

BARBARA ANN BOOLE

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	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-
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[illegible][illegible]

CASE 11007				
date	officer's name	unit	signature	signature of complainant

[illegible][illegible]

1. Name of the person or organization 2. Address 3. City 4. State 5. Zip 6. Date 7. Name of the person or organization 8. Address 9. City 10. State 11. Zip 12. Date 13. Name of the person or organization 14. Address 15. City 16. State 17. Zip 18. Date 19. Name of the person or organization 20. Address 21. City 22. State 23. Zip 24. Date 25. Name of the person or organization 26. Address 27. City 28. State 29. Zip 30. Date 31. Name of the person or organization 32. Address 33. City 34. State 35. Zip 36. Date 37. Name of the person or organization 38. Address 39. City 40. State 41. Zip 42. Date 43. Name of the person or organization 44. Address 45. City 46. State 47. Zip 48. Date 49. Name of the person or organization 50. Address 51. City 52. State 53. Zip 54. Date 55. Name of the person or organization 56. Address 57. City 58. State 59. Zip 60. Date 61. Name of the person or organization 62. Address 63. City 64. State 65. Zip 66. Date 67. Name of the person or organization 68. 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ERWIN #6

INCLINATION SURVEY

Degree Deviation

Depth

1/2	320
1/2	645
3/4	950
1-3/4	1775
1-1/4	2240
2-1/4	2515
2-1/4	2670
1-3/4	2835
1-3/4	2925

1917
RECEIPTS

1917

Jan

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17

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1917

Jan

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