

C-1 API NO. 15-.....15-121-26,906.....

County.....Miami.....
SW Sec. 13, Twp. 16Rge...21. X East
West
 -978 1233 FSL 3808 FGL -KCL
 -3745 Ft North from Southeast Corner of Section
 Ft West from Southeast Corner of Section
 (Note: Locate well in section plat below)

Lease Name.....Nutt.....Well #.....D-1

Field Name.....

Producing Formation.....

Elevation: Ground.....KB.....

RECEIVED Section Plot

RECEIVED
THE CORPORATION COMMISSION

[illegible]

171	1030	.	.	.	.	.	.	.	4290
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1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	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</
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CONSERVATION DIVISION	.	.	.	.	.	.	.	.	2970
									2640

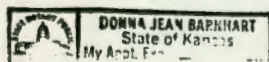
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DEC 15 1988

MISSISSIPPI GEOLOGICAL SURVEY 990

[illegible][illegible]

528	198
495	165
462	132
429	99
396	66
363	33
330	
297	
264	
231	



Operator Name Town Oil Co. Lease Name Null Well #.....

Sec. 13 Twp. 16 Rge. 21 ☒ East
County Miami
☐ West

WELL LOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken ☐ Yes ☒ No
 Samples Sent to Geological Survey ☐ Yes ☒ No
 Cores Taken ☒ Yes ☐ No

Formation Description
☐ Log ☐ Sample

Name Top Bottom

See attached log

CASING RECORD ☐ New ☐ Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs/Ft.	Setting Depth	Type of Cement	#Sacks Used	Type and Percent Additives
Surface	9 1/4	6 1/4		20	Portland	3	
Completion	5 1/4	2.7/8		681	Portland	73	60/40. Poz.
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
TUBING RECORD				Liner Run ☐ Yes ☐ No			
Date of First Production	Producing Method ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (explain).....						
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio		Gravity	
	Bbls	MCF	Bbls	CFPB			

METHOD OF COMPLETION

Production Interval

Disposition of gas: ☐ Vented ☐ Open Hole ☐ Perforation
☐ Sold ☐ Other (Specify)
☐ Used on Lease ☐ Dually Completed
☐ Commingled

TOWN OIL COMPANY

Route 4
Paul insas 66071

"Drilling and Production"

913-294-2125

13-16-21E

Well #D-1
Miami County, KS.
Farm: Nutt
Lease Owner: Town Oil Co.

WELL LOG

Thickness of Strata	Formation	Total Depth
0-11.	Soil & clay	11
7	Lime	18
5	Sandy lime	23
19	Lime	42
15	Shale	57
5	Sand	62
7	Sandy shale	69
20	Lime	89
88	Sandy shale	177
20	Lime	197
7	Sandy shale	204
9	Sand	213
	Sandy lime	214
5	Sandy shale	220
4	Shale & shells	224
5	Shale	229
8	Lime	237
16	Shale	253
13	Sand	266
6	Lime	272
6	Shale	278
1	Lime	279
17	Sandy shale	296
9	Lime	305
2	Shale	307
14	Lime	321
8	Shale & slate	329
22	Lime	351
4	Shale & slate	355
5	Lime	360
3	Shale & slate	363
5	Lime	368
4	Shale	372
5	Shale & shells	377
131	Sandy shale	508
3	Lime	511
16	Shale & shells	527
7	Shale	534
	Lime	541
45	Shale	566
3	Slate	569
3	Shale	572
5	Lime	577
3	Shale & shells	580

RECEIVED
STATE CORPORATION COMMISSION

CONSERVATION DIVISION
Wichita Kansas

Hertha

KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH

Well #D-1
Miami County, KS.
Farm: Nutt
Lease Owner: Town Oil Co.

WELL LOG (cont'd)

Thickness of Strata	Formation	Total Depth
5	Sand	583
12	Shale	595
3	Lime	598
9	Shale & slate	607
1	Lime	608
3	Shale & shells	611
2	Lime	613
10	Shale & shells	623
2	Lime	625
2	Shale & shells	627
5	Shale	632
1	Lime	633
6	Shale	639
6	Shale & shells	644
8	Shale	652
5	Sand	657
5	Sand	662
8	Sand	670
5	Sandy shale	675
5	Sand	680
20	Sandy shale	700 TD

RECEIVED
STATE CORPORATION COMMISSION

1933

CONSERVATION DIVISION
Wichita, Kansas