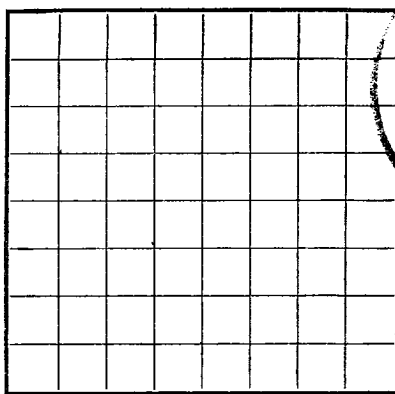


U. S. LAND OFFICE Dulce, N. M.
SERIAL NUMBER Jicarilla Tribal
LEASE OR PERMIT TO PROSPECT #109

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Delhi-Taylor Oil Corporation Address P. O. Drawer 1198, Farmington, N.M.
Lessor or Tract Jicarilla Field Basin Dakota State New Mexico
Well No. 1-22 Sec. 22 T. 26N R. 5W Meridian N.M.P.M. County Rio Arriba
Location 1450 ft. [S.] of N. Line and 1850 ft. [W.] of E. Line of Sec. 22 Elevation 6605 G.L.
(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.

Original signed by

Signed A. R. GibsonDate 6/13/63 Title Dist. Supt.

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

Commenced drilling 3/19/63, 19 Finished drilling 4/11/63, 19

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 7294 to 7385 (G) No. 4, from to
No. 2, from 7385 to 7617 (G) No. 5, from to
No. 3, from to No. 6, from to

IMPORTANT WATER SANDS

No. 1, from None 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—	
<u>8-5/8"</u>	<u>24</u>	<u>8</u>	<u>CE&T</u>	<u>505</u>	<u>Baker</u>	<u> </u>	<u> </u>	<u> </u>	<u>Spot test</u>
<u>4-1/2"</u>	<u>10.5</u>	<u>8</u>	<u>CE&T</u>	<u>7685</u>	<u>Baker</u>	<u> </u>	<u> </u>	<u> </u>	<u>Tool Ctg.</u>
<u>2-3/8"</u>	<u>4.70</u>	<u>8</u>	<u>CE&T</u>	<u>7318</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>8-5/8"</u>	<u>519</u>	<u>300</u>	<u>Circulated</u>	<u> </u>	<u> </u>
<u>4-1/2"</u>	<u>7646</u>	<u>375</u>	<u>2-stage</u>	<u> </u>	<u> </u>

PLUGS AND ADAPTERS

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

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
<u>(see below)</u>						

TOOLS USED

Rotary tools were used from 0 feet to 7647 T.D. feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

DATES

June 6, 1963 (see below) Put to producing Well S.I., 19 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 (see below) Gallons gasoline per 1,000 cu. ft. of gas Rock pressure, lbs. per sq. in.

EMPLOYEES

 , Driller , Driller
 , Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>7016</u>	<u>7016</u>	<u>Sand, Shale, and Coal</u>
<u>7016</u>	<u>7208</u>	<u>208</u>	<u>Low Mancos</u>
<u>7208</u>	<u>7265</u>	<u>57</u>	<u>Greenhorn</u>
<u>7265</u>	<u>7294</u>	<u>29</u>	<u>Graneros Shale</u>
<u>7294</u>	<u>7385</u>	<u>91</u>	<u>Graneros Sand</u>
<u>7385</u>	<u>7617</u>	<u>232</u>	<u>Dakota Sand</u>
<u>7617</u>	<u>7647 T.D.</u>	<u>30</u>	<u>Morrison</u>
Perf. 1 hole each @ 7548, 46, 44, 42, 27, 25, 23, 20, 17, 14, 11, and 09.			
Frac. with 73,100 gal. water, 40,000# 40-60 sand, 15,000# 20-40 sand.			
Perf. 1 hole each @ 7429, 27, 25, 23, 21, 7390, 88½, 87, 7303, 01, 7299, 97.			
Frac. with 55,970 gal. water, 40,000# 40-60 sand, 20,000# 20-40 sand.			
SICP = 2605 psia			
SITP = 2603 psia			
F choke press. = 257 psia			
FCP = 799 psia			
Q = 2985 MCF/Day			
AOF = 2995 MCF/Day			

2. *Staphylococcus aureus* (ATCC 12228) and *Staphylococcus epidermidis* (ATCC 12228) were used as control strains.

1961
April

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

TOG OF OIL OR GAS VENT

FOOTNOTES:

Original signed by _____
A-2- (b)(6)

UNITED STATES DEPARTMENT OF AGRICULTURE
BUREAU OF PLANT INDUSTRY
WASHINGTON, D. C.

OUT OF CASE SANDS OF SOUTH

2008 2nd International Conference on

No. 6 from	() 87	to	10 + from
No. 6 from	() 87	to	10 + from
No. 6 from	() 87	to	10 + from

IMFOSTANT WATER BARRAGE

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	2390	2391	2392	2393	2394	2395	2396	2397	2398</
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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 "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 burning.

HISTORY OF OIL OR GAS WELL

19-43094-2 U. S. GOVERNMENT PRINTING OFFICE

INCLUDING AND CELEBRATING HIS COMPANY

Serial Number	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
Serial Number	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200

FLUOS AND ANALYSIS

.....

SHOOTING RECORD

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
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TOOTS LIPED

This tool was used from		to test	and from	test to
This tool was used from		to test	and from	test to

DATE

The specimen was in the 24 hours was ...

23370.14M3

Driller	Driller	Driller	Driller
Driller	Driller	Driller	Driller

FORMATION RECORD

[illegible]