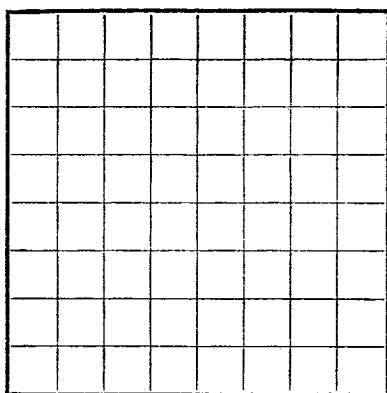




LOCATE WELL CORRECTLY

RECEIVED
DEC 1 1959U. S. GEOLOGICAL SURVEY
FARMING NEW MEXICO

UNIT Agreement No. 1

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

U. S. LAND OFFICE Santa Fe

SERIAL NUMBER NM 03350

LEASE OR PERMIT TO PRODUCE

RECEIVED
DEC 2 1959
OIL CON
DIST

MESAVERDE-DAKOTA

LOG OF OIL OR GAS WELL

Company Blackwood & Nichols Company Address P. O. Box 1237, Durango, ColoradoTract 21-A Field H. H. Blanco State New MexicoWell No. 50-13 Sec. 13 T. 31N R. 7W Meridian NM County San JuanLocation 925 ft. N of N Line and 990 ft. W of E Line of Section 13 Elevation 6524'
(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 Delasso Loos Title Field SuperintendentDate November 27, 1959Title Field Superintendent

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

Commenced drilling September 20, 1959 Finished drilling November 3, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3030' to 3330' (G) No. 4, from 5475' to 5710' (G)
No. 2, from 3330' to 3570' (G) No. 5, from 5710' to 5905' (G)
No. 3, from 5420' to 5475' (G) No. 6, from 7975' to 8127' (G)

IMPORTANT WATER SANDS

No. 1, from _____ 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—	
10-3/4	32.75	8rd	GM-I	192'	Box Pat				Surface
7-5/8	24.50	8rd	GM-I	200'	Box Pat				Intermediate
5-1/2	15.50	8rd	GM-I	200'	Box Pat				Production
2-3/8	4.16	10rd	GM-I	200'	Box Pat				Tubing
1"	1.7	10rd	GM-I	200'	Box Pat				Tubing
Above includes 16 lbs (497.05') of 2-3/8" 4.6# J55 10rd Fiberglass coated tubing.									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	205'	200	Pump & Plug	Water	Cement circulated
7-5/8	3630'	295	" "	" "	Top cement at 1735'
5-1/2	8126'	655	" "	" "	Top cement at 2000'

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
Sand-water fraced the Dakota Formation & Mesaverde Group thru casing perforations.						

TOOLS USED

Rotary tools were used from 0 feet to 8127 feet, and from _____ feet to _____ feet

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

DATES

_____, 19____ Put to producing Not connected Nov. 27, 1959

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 6,270 MCF - Mesaverde Pitot Potential ft. of gas _____Rock pressure, lbs. per sq. in. 2,461 MCF - Dakota Pitot Potential

2594 PSI SI Tubing - Dakota Potential EMPLOYEES

1150 PSI SI Casing - Mesaverde Potential

_____, Driller
_____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0'	1000'	1000	San Jose

RECEIVED

GEOLOGICAL SURVEY

U.S. GEOLOGICAL SURVEY
DEPARTMENT OF THE INTERIOR
WASHINGTON, D.C.

LOG OF OIL OR GAS WELL

UNITED STATES DEPARTMENT OF JUSTICE

The information given herein is a copy of and correct record of the well and the work done thereon as far as can be determined from all reliable records.

Witness my hand and seal of office this 1st day of June 1911.

Geo. W. Brown, County Clerk

The commentary on this page is for the condition of the web at above date.

OIL OR GAS SANDS OR ZONES

(1) $\text{vd} \text{ say } \text{say} \cdot (Y)$

No. 1 from 1000 to 1001
 No. 2 from 1001 to 1002
 No. 3 from 1002 to 1003

IMPROVANT WATER SANDS

to	from	to	from
to	from	to	from

040057 241240

Year	Number of Deaths	Number of Deaths per 100,000	Rate of Increase	Rate of Decrease	Rate of Stability	Rate of Improvement	Rate of Decline
1900	1,000	1.0	100%	0%	0%	0%	0%
1910	1,000	1.0	100%	0%	0%	0%	0%
1920	1,000	1.0	100%	0%	0%	0%	0%
1930	1,000	1.0	100%	0%	0%	0%	0%
1940	1,000	1.0	100%	0%	0%	0%	0%
1950	1,000	1.0	100%	0%	0%	0%	0%
1960	1,000	1.0	100%	0%	0%	0%	0%
1970	1,000	1.0	100%	0%	0%	0%	0%
1980	1,000	1.0	100%	0%	0%	0%	0%
1990	1,000	1.0	100%	0%	0%	0%	0%
2000	1,000	1.0	100%	0%	0%	0%	0%
2010	1,000	1.0	100%	0%	0%	0%	0%
2020	1,000	1.0	100%	0%	0%	0%	0%

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 "saddled," 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

MUDGING AND CEMENTATING RECORD

DATE	TIME	LOCATION	WIND DIRECTION	WIND SPEED	WAVE PERIOD	WAVE HEIGHT
10/10/00	10:00	10N 105E	100	10	10	10
10/10/00	11:00	10N 105E	100	10	10	10
10/10/00	12:00	10N 105E	100	10	10	10

PLUGS AND ADAPTERS

	Material	Weight	Volume
	Material	Weight	Volume

SHOOTING RECORD

Sign	Spelt used	Explanatory notes	Quantity	Price	Delivery date	Project description

100% USED

ESTAC

9740

10-10-1964

3470194

DATE		DATE	
TIME		TIME	

FORMATION RECORD

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	23
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