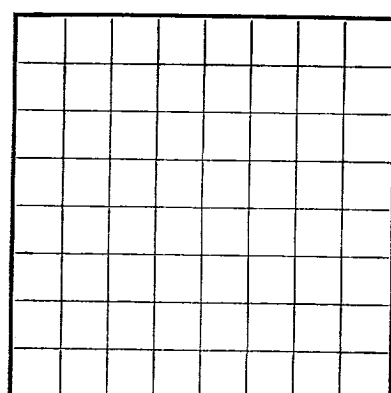
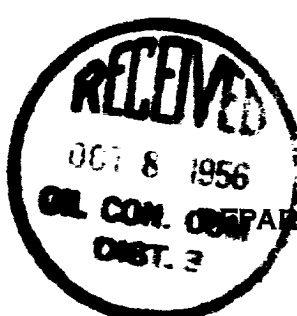




LOCATE WELL CORRECTLY



U. S. LAND OFFICE Santa Fe

SERIAL NUMBER NMO3358

LEASE OR PERMIT TO PROSPECT

Unit Agreement No. 1, Sec. 929

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Blackwood & Nichols Company Address E. O. Box 1237, Durango, Colorado~~Tract~~ 21-A Field Blanco Mesaverde State New MexicoWell No. 33-12 Sec. 12 T. 31N R. 7W Meridian NMPM County San JuanLocation 990 ft. N of S Line and 1650 ft. E of W Line of Section 12 Elevation 6544'
(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 DeLasso LoosDate October 4, 1956 Title Field Superintendent

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

Commenced recompletion ~~drilling~~ September 8, 1956 Finished recompletion ~~drilling~~ September 13, 1956

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3015' to 3340' (G) No. 4, from 5505' to 5720' (G)No. 2, from 3340' to 3600' (G) No. 5, from 5720' to 5860' (G)No. 3, from 5130' to 5505' (G) No. 6, from _____ to _____

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	Nat'l	153'	Guide				Surface
7-5/8"	21.75	8rd	Nat'l	187'	Box				1st Cement
5-1/2"	15.75	8rd	Nat'l	1978'	Box				2nd Cement
2-3/8"	4.7	8rd	Nat'l	580'	Box				Production tubing

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"	168'	180	Pump & Plug	Water	Cement Circulated
7-5/8"	3600'	225	" "	"	"
5-1/2"	5885'	200	" "	Dry	Top of Cement @ 3100'

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 _____ feet to 5835' feet, and from _____ feet to _____ feet

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

DATES

_____, 19____ Put to producing After recompletion September 20, 1956

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 1800 MCF (400) Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 852 Rate of flow thru 3/4" choke after 3 hours: 1675 MCF per day.

EMPLOYEES

_____, Driller _____, Driller

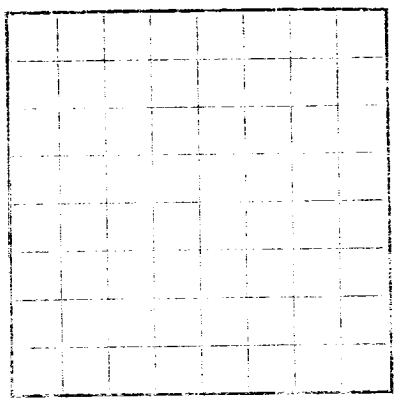
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0'	1170'	1170	San Jose
1170'	2275'	1105	Animas
2275'	2395'	120	Ojo Alamo SS
2395'	3015'	620	Kirtland
3015'	3340'	325	Fruitland SS
3340'	3605'	265	Pictured Cliffs SS
3605'	5130'	1525	Lewis Shale
5130'	5450'	320	Mesaverde Group
5450'	5505'	55	Cliffhouse SS
5505'	5720'	215	Manefee
5720'	5860'	140	Point Lookout
5860'			Mancos Shale

FORMATION RECORD—Continued

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOCATE WELL CORRECTLY

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

Commenced drilling _____, 19____
Finished drilling _____, 19____

(G) (b) (5) (A) (i) (G)

IMPORTANT WATER SANDS

[illegible]

HISTORY OF OIL OR GAS WELL

Year	Number of respondents	Method used	Method validity	Amount of time used
1990	1	Interview	Valid	10 min
1991	1	Interview	Valid	10 min
1992	1	Interview	Valid	10 min

Adapters - / Material	Length	Depth set
Heaving plug - / Material		

[illegible]

DATES	
..... foot to	 foot to
..... foot and from	 foot and from

[illegible][illegible]

FROM -	TO -	TOTAL FEET	FORMATION
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DATE	DESCRIPTION	AMOUNT	BALANCE
1911	...	...	...
1912	...	...	...
1913	...	...	...
1914	...	...	...
1915	...	...	...
1916	...	...	...
1917	...	...	...
1918	...	...	...
1919	...	...	...
1920	...	...	...
1921	...	...	...
1922	...	...	...
1923	...	...	...
1924	...	...	...
1925	...	...	...
1926	...	...	...
1927	...	...	...
1928	...	...	...
1929	...	...	...
1930	...	...	...
1931	...	...	...
1932	...	...	...
1933	...	...	...
1934	...	...	...
1935	...	...	...
1936	...	...	...
1937	...	...	...
1938	...	...	...
1939	...	...	...
1940	...	...	...
1941	...	...	...
1942	...	...	...
1943	...	...	...
1944	...	...	...
1945	...	...	...
1946	...	...	...
1947	...	...	...
1948	...	...	...
1949	...	...	...
1950	...	...	...
1951	...	...	...
1952	...	...	...
1953	...	...	...
1954	...	...	...
1955	...	...	...
1956	...	...	...
1957	...	...	...
1958	...	...	...
1959	...	...	...
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	...		

FORMATION RECORD—Continued