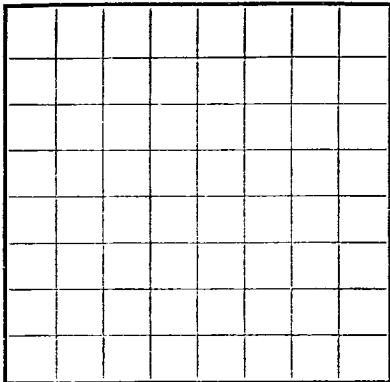




LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa Fe

SERIAL NUMBER 078988

LEASE OR PERMIT TO PROSPECT

N E Blanco Unit Agrmt. No. 1, Sec. 929

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

# LOG OF OIL OR GAS WELL

Company Blackwood & Nichols Company Address P.O. Box 1237, Durango, Colorado

~~Locust~~ Tract 5 Field Blanco Mesaverde State New Mexico

Well No. 60-7 Sec. 7 T. 31N R. 6W Meridian NMPM County San Juan

Location 1090 ft. XX of N Line and 1250 ft. XX of E Line of Section 7 Elevation 6375'  
(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  
Signed Delasso Loos Delasso Loos

Date June 14, 1961 Title Field Superintendent

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

Commenced drilling May 15, 1961 Finished drilling June 1, 1961

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2860' to 3200' (G) No. 4, from 5380' to 5620' (G)

No. 2, from 3200' to 3425' (G) No. 5, from 5620' to 5800' (G)

No. 3, from 5320' to 5380' (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—          |                     |
| <u>10-3/4</u> | <u>32.75</u>    | <u>8rd</u>       | <u>CPAI</u> | <u>190'</u>  | <u>Plug</u>  | <u>Surface</u>      |              |              | <u>Surface</u>      |
| <u>7-5/8</u>  | <u>26.40</u>    | <u>8rd</u>       | <u>CPAI</u> | <u>347'</u>  | <u>Plug</u>  | <u>Intermediate</u> |              |              | <u>Intermediate</u> |
| <u>5-1/2</u>  | <u>15.50</u>    | <u>8rd</u>       | <u>CPAI</u> | <u>5830'</u> | <u>Plug</u>  | <u>Production</u>   | <u>5338'</u> | <u>5760'</u> | <u>Production</u>   |
| <u>2-3/8</u>  | <u>4.7</u>      | <u>8rd</u>       | <u>BUE</u>  | <u>5756'</u> | <u>Plug</u>  | <u>Tubing</u>       |              |              | <u>Tubing</u>       |

## MUDDING AND CEMENTING RECORD

| Size casing   | Where set    | Number sacks of cement | Method used            | Mud gravity  | Amount of mud used       |
|---------------|--------------|------------------------|------------------------|--------------|--------------------------|
| <u>10-3/4</u> | <u>206'</u>  | <u>225</u>             | <u>Pump &amp; Plug</u> | <u>Water</u> | <u>Cement Circulated</u> |
| <u>7-5/8</u>  | <u>3447'</u> | <u>250</u>             | <u>"</u>               | <u>"</u>     | <u>Top cement 2250'</u>  |
| <u>5-1/2</u>  | <u>5844'</u> | <u>175</u>             | <u>"</u>               | <u>"</u>     | <u>Top cement 3450'</u>  |

## 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 |
|---------------------------------------------------------------------------|------------|----------------|----------|------|------------|-------------------|
| <u>Sand-water fraced the Mesaverde Group through casing perforations.</u> |            |                |          |      |            |                   |

## TOOLS USED

Rotary tools were used from 0 feet to 5845 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## DATES

\_\_\_\_\_, 19\_\_\_\_ Put to producing \_\_\_\_\_, 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 4220MCF(AOF) Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_

Rock pressure, lbs. per sq. in. 1190

Rate of flow thru 3/4" choke after EMPLOYEES  
3 hours was 3314 MCFPD, Driller \_\_\_\_\_, Driller \_\_\_\_\_

## FORMATION RECORD

| FROM— | TO— | TOTAL FEET | FORMATION |
|-------|-----|------------|-----------|
|-------|-----|------------|-----------|

Received 11 July 2007 / Accepted 11 October 2007  
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(J. J. ANDERSON & SONS)

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10-11-68, 10-12-68, 10-13-68, 10-14-68, 10-15-68, 10-16-68, 10-17-68, 10-18-68, 10-19-68, 10-20-68, 10-21-68, 10-22-68, 10-23-68, 10-24-68, 10-25-68, 10-26-68, 10-27-68, 10-28-68, 10-29-68, 10-30-68, 10-31-68, 11-1-68, 11-2-68, 11-3-68, 11-4-68, 11-5-68, 11-6-68, 11-7-68, 11-8-68, 11-9-68, 11-10-68, 11-11-68, 11-12-68, 11-13-68, 11-14-68, 11-15-68, 11-16-68, 11-17-68, 11-18-68, 11-19-68, 11-20-68, 11-21-68, 11-22-68, 11-23-68, 11-24-68, 11-25-68, 11-26-68, 11-27-68, 11-28-68, 11-29-68, 11-30-68, 12-1-68, 12-2-68, 12-3-68, 12-4-68, 12-5-68, 12-6-68, 12-7-68, 12-8-68, 12-9-68, 12-10-68, 12-11-68, 12-12-68, 12-13-68, 12-14-68, 12-15-68, 12-16-68, 12-17-68, 12-18-68, 12-19-68, 12-20-68, 12-21-68, 12-22-68, 12-23-68, 12-24-68, 12-25-68, 12-26-68, 12-27-68, 12-28-68, 12-29-68, 12-30-68, 12-31-68, 1-1-69, 1-2-69, 1-3-69, 1-4-69, 1-5-69, 1-6-69, 1-7-69, 1-8-69, 1-9-69, 1-10-69, 1-11-69, 1-12-69, 1-13-69, 1-14-69, 1-15-69, 1-16-69, 1-17-69, 1-18-69, 1-19-69, 1-20-69, 1-21-69, 1-22-69, 1-23-69, 1-24-69, 1-25-69, 1-26-69, 1-27-69, 1-28-69, 1-29-69, 1-30-69, 1-31-69, 2-1-69, 2-2-69, 2-3-69, 2-4-69, 2-5-69, 2-6-69, 2-7-69, 2-8-69, 2-9-69, 2-10-69, 2-11-69, 2-12-69, 2-13-69, 2-14-69, 2-15-69, 2-16-69, 2-17-69, 2-18-69, 2-19-69, 2-20-69, 2-21-69, 2-22-69, 2-23-69, 2-24-69, 2-25-69, 2-26-69, 2-27-69, 2-28-69, 2-29-69, 2-30-69, 3-1-69, 3-2-69, 3-3-69, 3-4-69, 3-5-69, 3-6-69, 3-7-69, 3-8-69, 3-9-69, 3-10-69, 3-11-69, 3-12-69, 3-13-69, 3-14-69, 3-15-69, 3-16-69, 3-17-69, 3-18-69, 3-19-69, 3-20-69, 3-21-69, 3-22-69, 3-23-69, 3-24-69, 3-25-69, 3-26-69, 3-27-69, 3-28-69, 3-29-69, 3-30-69, 3-31-69, 4-1-69, 4-2-69, 4-3-69, 4-4-69, 4-5-69, 4-6-69, 4-7-69, 4-8-69, 4-9-69, 4-10-69, 4-11-69, 4-12-69, 4-13-69, 4-14-69, 4-15-69, 4-16-69, 4-17-69, 4-18-69, 4-19-69, 4-20-69, 4-21-69, 4-22-69, 4-23-69, 4-24-69, 4-25-69, 4-26-69, 4-27-69, 4-28-69, 4-29-69, 4-30-69, 5-1-69, 5-2-69, 5-3-69, 5-4-69, 5-5-69, 5-6-69, 5-7-69, 5-8-69, 5-9-69, 5-10-69, 5-11-69, 5-12-69, 5-13-69, 5-14-69, 5-15-69, 5-16-69, 5-17-69, 5-18-69, 5-19-69, 5-20-69, 5-21-69, 5-22-69, 5-23-69, 5-24-69, 5-25-69, 5-26-69, 5-27-69, 5-28-69, 5-29-69, 5-30-69, 5-31-69, 6-1-69, 6-2-69, 6-3-69, 6-4-69, 6-5-69, 6-6-69, 6-7-69, 6-8-69, 6-9-69, 6-10-69, 6-11-69, 6-12-69, 6-13-69, 6-14-69, 6-15-69, 6-16-69, 6-17-69, 6-18-69, 6-19-69, 6-20-69, 6-21-69, 6-22-69, 6-23-69, 6-24-69, 6-25-69, 6-26-69, 6-27-69, 6-28-69, 6-29-69, 6-30-69, 7-1-69, 7-2-69, 7-3-69, 7-4-69, 7-5-69, 7-6-69, 7-7-69, 7-8-69, 7-9-69, 7-10-69, 7-11-69, 7-12-69, 7-13-69, 7-14-69, 7-15-69, 7-16-69, 7-17-69, 7-18-69, 7-19-69, 7-20-69, 7-21-69, 7-22-69, 7-23-69, 7-24-69, 7-25-69, 7-26-69, 7-27-69, 7-28-69, 7-29-69, 7-30-69, 7-31-69, 8-1-69, 8-2-69, 8-3-69, 8-4-69, 8-5-69, 8-6-69, 8-7-69, 8-8-69, 8-9-69, 8-10-69, 8-11-69, 8-12-69, 8-13-69, 8-14-69, 8-15-69, 8-16-69, 8-17-69, 8-18-69, 8-19-69, 8-20-69, 8-21-69, 8-22-69, 8-23-69, 8-24-69, 8-25-69, 8-26-69, 8-27-69, 8-28-69, 8-29-69, 8-30-69, 8-31-69, 9-1-69, 9-2-69, 9-3-69, 9-4-69, 9-5-69, 9-6-69, 9-7-69, 9-8-69, 9-9-69, 9-10-69, 9-11-69, 9-12-69, 9-13-69, 9-14-69, 9-15-69, 9-16-69, 9-17-69, 9-18-69, 9-19-69, 9-20-69, 9-21-69, 9-22-69, 9-23-69, 9-24-69, 9-25-69, 9-26-69, 9-27-69, 9-28-69, 9-29-69, 9-30-69, 10-1-69, 10-2-69, 10-3-69, 10-4-69, 10-5-69, 10-6-69, 10-7-69, 10-8-69, 10-9-69, 10-10-69, 10-11-69, 10-12-69, 10-13-69, 10-14-69, 10-15-69, 10-16-69, 10-17-69, 10-18-69, 10-19-69, 10-20-69, 10-21-69, 10-22-69, 10-23-69, 10-24-69, 10-25-69, 10-26-69, 10-27-69, 10-28-69, 10-29-69, 10-30-69, 10-31-69, 11-1-69, 11-2-69, 11-3-69, 11-4-69, 11-5-69, 11-6-69, 11-7-69, 11-8-69, 11-9-69, 11-10-69, 11-11-69, 11-12-69, 11-13-69, 11-14-69, 11-15-69, 11-16-69, 11-17-69, 11-18-69, 11-19-69, 11-20-69, 11-21-69, 11-22-69, 11-23-69, 11-24-69, 11-25-69, 11-26-69, 11-27-69, 11-28-69, 11-29-69, 11-30-69, 12-1-69, 12-2-69, 12-3-69, 12-4-69, 12-5-69, 12-6-69, 12-7-69, 12-8-69, 12-9-69, 12-10-69, 12-11-69, 12-12-69, 12-13-69, 12-14-69, 12-15-69, 12-16-69, 12-17-69, 12-18-69, 12-19-69, 12-20-69, 12-21-69, 12-22-69, 12-23-69, 12-24-69, 12-25-69, 12-26-69, 12-27-69, 12-28-69, 12-29-69, 12-30-69, 12-31-69, 1-1-7

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

11-24-68 240 800 440 70 200

LOCATED WELL CORRECTLY

The information given herein was obtained from all sources available to the FBI and is being furnished to you for your information only. It is not to be used for any other purpose without the express written consent of the FBI.

TO THE HONORABLE MEMBERS OF THE HOUSE OF REPRESENTATIVES, SENATE, AND JUDICIAL COMMITTEE OF THE HOUSE OF REPRESENTATIVES, OF THE STATE OF NEW YORK:

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OIL OR GAS LANDS OR RIGHTS

(i) wd pro wogge)

| Year | 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 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 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 |      |

SONAR BEYOND TRAINING

|            |  |
|------------|--|
| No. 8 from |  |
| No. 9 from |  |

**STUDY DESIGN**

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 added, or left in place, give its size and position. If the well has been dismantled, give date, size, position, and number of shafts. If plungers 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

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SECRETARY OF THE ARMY

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FOREIGN RECORD

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