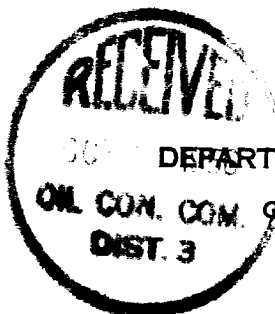


A 10x10 grid with a bold 'X' in the 4th column and 4th row.

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER NM-0764
LEASE OR PERMIT TO PROSPECT _____



UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

LOCATE WELL CORRECTLY

Company Ted M. White TED M. WHITE Address 740 Camino Real - El Paso, Texas

Lessor or Tract Knauff Field Fulcher-Kutz State New Mexico

Well No. 4 Sec. 31 T28N. R10W. Meridian N.M.P.M. County San Juan

Location 1800 ft. N. of S. Line and 1635 ft. E. of W. Line of Sec. 31 Elevation 5907

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 A. L. Lanning
Date April 10, 1956 Title Agent

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

Commenced drilling November 12, 1955 Finished drilling December 10, 1955

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1828 to 1839 G No. 4, from _____ to _____

No. 2. from _____ to _____ 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—	
8 5/8	27	8		1021	Tex Pat	None	None		Surface Production
5 1/2	14	8		1826	Halliburton	None	None		

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	102	75	Halliburton		
5 1/2	1826	75	Halliburton	80	200 sks Gel

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
None						

TOOLS USED

Rotary tools were used from 0 feet to 1826 feet, and from _____ feet to _____ feet

Cable tools were used from 1826 feet to 1839 feet, and from _____ feet to _____ feet

DATES

-----12-17-----, 19-55 Put to producing -----4-10-----, 19-56

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 2000 MCF..... Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. 503

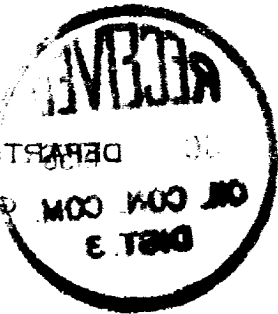
EMPLOYEES

-----C. W. Wilmon-----, Driller

~~Jerry Sisk~~, Driller ~~E. L. Grampton~~, Driller

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
1828	1839	11	Pictured Cliffs

[illegible]

LOG OF OIL OR GAS WELL

LOCATED WELL CORRECTLY

[illegible]

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

to be used drilling _____, 1957. Finished drilling _____, 1957.

OIL OR GAS SANDS OR ZONES

(2) μ and σ are both 0.

Year	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
1970	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

IMPORTANT WATER SANDS

Sand/water grad #/8500 gal water and 12,000 lbs of sand
 Breakdown press: 2000 - max. treat. press.: 1800 - minimum 1600
 Average injection rate: 101.9 bpm.

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 the size, position, and number of shots. If pings or bridges were put in to test for caving, state kind of material used, position, and results of pumping or bailing.

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE 16-43094-2

[illegible]