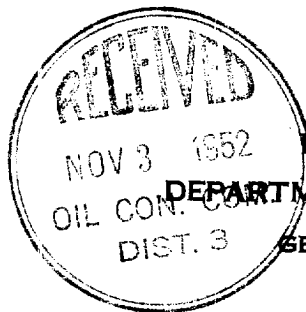


	X						

LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER _____
LEASE OR PERMIT TO PROSPECT Q78903UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Benson and Montin Address 315 1/2 West Main St., Farmington
Lessor or Tract Payne Field West Kutz State New Mexico
Well No. 2 Sec. 36 T. 28N R. 12W Meridian NMPM County San Juan
Location 1650 ft. (S.) of N Line and 990 ft. (E.) of W Line of Section 36 Elevation 5980' KB
(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 Albert R. Greer
Title Field Sup't.

Date 9/29/52

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

Commenced drilling 7/27, 1952 Finished drilling 9/9 7-2, 1952

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1752' to 1823' 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 _____ 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—	
9 5/8	40	8 rd	—	79	none				Surface
6 5/8	20	8V	Used	1687'					
7	17	8 rd	—	64	Texas pattern				Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8	87	50	Pump and plug		
6 5/8	)				
7	) 1757	235	Pump and plug (See drilling history.)		

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
4 1/2		SNG	140 qts	9/2/52	1771-1815'	1823

TOOLS USED

Rotary tools were used from 87' feet to 1758' feet, and from _____ feet to _____ feet
Cable tools were used from Surface feet to 87' feet, and from 1758' feet to 1823' feet

DATES

9/9 7-2, 1952 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 449,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 451 psig (Shut in 8 days)

EMPLOYEES

~~Crow~~ Benson and Montin, Driller (Rotary) _____, Driller
Benson and Montin, Driller (Cable Tools) _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	50	50	Surface sand and clay
50	570	520	Sand and shale
570	670	100	Sand
670	1150	480	Shale and shaly sand
1150	1736	586	Shale and sandy shale
1736	1752	16	Coal
1752	1823	71	Pictured Cliffs Sand

FROM—	TO—	TOTAL FEET	FORMATION
1750	1753	3	Shale and sandstone
1753	1758	5	Shale and sandstone
1758	1760	2	Shale and sandstone
1760	1765	5	Shale and sandstone
1765	1770	5	Shale and sandstone
1770	1775	5	Shale and sandstone
1775	1780	5	Shale and sandstone
1780	1785	5	Shale and sandstone
1785	1790	5	Shale and sandstone
1790	1795	5	Shale and sandstone
1795	1800	5	Shale and sandstone
1800	1805	5	Shale and sandstone
1805	1810	5	Shale and sandstone
1810	1815	5	Shale and sandstone
1815	1820	5	Shale and sandstone
1820	1825	5	Shale and sandstone
1825	1830	5	Shale and sandstone
1830	1835	5	Shale and sandstone
1835	1840	5	Shale and sandstone
1840	1845	5	Shale and sandstone
1845	1850	5	Shale and sandstone
1850	1855	5	Shale and sandstone
1855	1860	5	Shale and sandstone
1860	1865	5	Shale and sandstone
1865	1870	5	Shale and sandstone
1870	1875	5	Shale and sandstone
1875	1880	5	Shale and sandstone
1880	1885	5	Shale and sandstone
1885	1890	5	Shale and sandstone
1890	1895	5	Shale and sandstone
1895	1900	5	Shale and sandstone
1900	1905	5	Shale and sandstone
1905	1910	5	Shale and sandstone
1910	1915	5	Shale and sandstone
1915	1920	5	Shale and sandstone
1920	1925	5	Shale and sandstone
1925	1930	5	Shale and sandstone
1930	1935	5	Shale and sandstone
1935	1940	5	Shale and sandstone
1940	1945	5	Shale and sandstone
1945	1950	5	Shale and sandstone
1950	1955	5	Shale and sandstone
1955	1960	5	Shale and sandstone
1960	1965	5	Shale and sandstone
1965	1970	5	Shale and sandstone
1970	1975	5	Shale and sandstone
1975	1980	5	Shale and sandstone
1980	1985	5	Shale and sandstone
1985	1990	5	Shale and sandstone
1990	1995	5	Shale and sandstone
1995	2000	5	Shale and sandstone

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 pligs or bridges were put in to test for water, state kind of material used, position, and results of pumping or pulling.

Drilling History of Payne # 2

Location Surveyed

"Notice of Intention to Drill" approved by USGS

Cleared location, moved in cable tools and spudded

Cemented surface casing and moved out cable tools.

Moving in rotary

Cemented 6 5/8" casing at 1757' with 210 sacks cement, mixed with 210 M. C. F. strato seal and 2% gel, followed by 25 sacks neat cement. Circulated 6 bbls. cement. Moved in cable tools and tested casing to 500 psig. Made balling test for water shut off. Measured 105 MCF natural. Shot with 140 qts SNG. Cleaned out to 1823'. Ran 1" tubing to 1823'. State potential test.

9/12/52
7/27/52
7/27/52
7/29/52
8/19/52
8/24/52
8/30/52
8/31/52
9/1/52
9/4/52
9/9/52

TD 1758'
TD 1759'
TD 1823'
TD 1823'