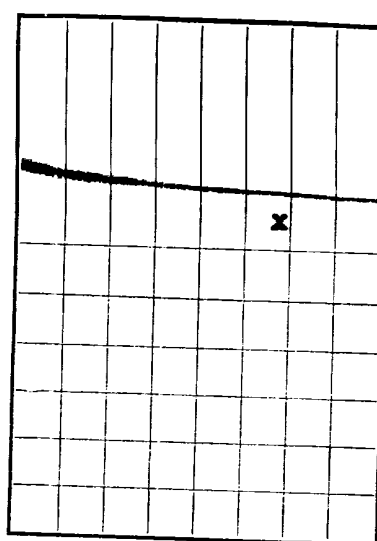


U. S. LAND OFFICE **Santa Fe**SERIAL NUMBER **077652**

LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL



LOCATE WELL CORRECTLY

Company **AZTEC OIL & GAS COMPANY** Address **311 Burt Building, Dallas, Texas**
Lessor or Tract **East** Field **Blanco** State **New Mexico**
Well No. **4** Sec. **24**, T. **31N** R. **12W** Meridian **N.M.P.M.** County **San Juan**
Location **990** ft. **[N.]** of **[E.]** Line and **1500** ft. **[E.]** of **[W.]** Line of **Sec. 24**, Elevation **6039** **DF**
(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

G. B. Williams
Title **Petroleum Engineer**Date **June 2, 1954**

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

Commenced drilling **March 24**, 19**54** Finished drilling **April 10**, 19**54**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **4845'** to **5100' (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 _____ 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"	36#		H-40	204'					Surface
7"	20#		H-40	855'					Production
2-3/8"	4.70#		J-22	2846'					Logging

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8"	204'	125	Halliburton		
7"	4807'	250	Halliburton		

PLUGS AND ADAPTERS

Heaving plug—Material **None** Length _____ Depth set _____
Adapters—Material **None** Size _____

TREATING SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
Treated 4845' - 5100'						
W/10,000 gal. oil, 8800# sand (Sand-Frac) at 1,000 psi final pressure.						

TOOLS USED

Rotary tools were used from **Surface** feet to **5100** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

May 23, 1954 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 **1903 Mcf** Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. **997# 7 da. - Shut in**

EMPLOYEES

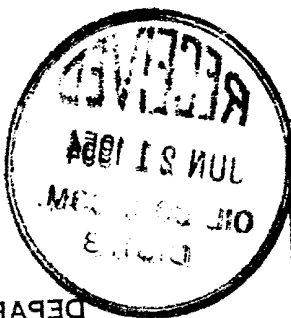
H. B. Lynn Drlg. Corp., Driller **(Rotary)** **T. A. Wilson**, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	50	50	Sand & Clay
50	216	166	Sand
216	887	671	Sand & Shale
887	1258	371	Sand
1258	1345	87	Shale
1345	1467	122	Sand
1467	2310	943	Shale & Sand
2310	2486	176	Coal, Sand, Shale
2486	2672	186	Shale & Coal
2672	2720	48	Sand & Shale
2720	2839	119	Shale, Sand, Benite Stk.
2839	5100	2261	Sand & Shale

Top Point Lookout Sand - 4845'
Pictured 61400-

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

[illegible]

LOCATE WELL CORRECTLY

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

Date June 2, 1951

G. E. Williams
Petroleum Engineer

OIL OR GAS SANDS OR ZONES

IMPORTANT WATER SANDS

CASING RECORD

La 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 the 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 hoist or bridges were put in to test for gas, state kind of material used, position, and results of pumping. Also mention

RECORDING AND INDEXING

SECRETARIA CIA ADULT

SHOOTING RECORD

[illegible]

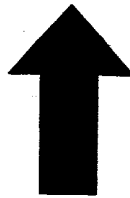
DATES	DESCRIPTION	AMOUNT
1960-1961	...	...
1961-1962	...	...
1962-1963	...	...
1963-1964	...	...
1964-1965	...	...
1965-1966	...	...
1966-1967	...	...
1967-1968	...	...
1968-1969	...	...
1969-1970	...	...
1970-1971	...	...
1971-1972	...	...
1972-1973	...	...
1973-1974	...	...
1974-1975	...	...
1975-1976	...	...
1976-1977	...	...
1977-1978	...	...
1978-1979	...	...
1979-1980	...	...
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1981-1982	...	...
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1983-1984	...	...
1984-1985	...	...
1985-1986	...	...
1986-1987	...	...
1987-1988	...	...
1988-1989	...	...
1989-1990	...	...
1990-1991	...	...
1991-1992	...	...
1992-1993	...	...
1993-1994	...	...
1994-1995	...	...
1995-1996	...	...
1996-1997	...	...
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1999-2000	...	...
2000-2001	...	...
2001-2002	...	...
2002-2003	...	...
2003-2004	...	...
2004-2005	...	...
2005-2006	...	...
2006-2007	...	...
2007-2008	...	...
2008-2009	...	...
2009-2010	...	...
2010-2011	...	...
2011-2012	...	...
2012-2013	...	...
2013-2014	...	...
2014-2015	...	...
2015-2016	...	...
2016-2017	...	...
2017-2018	...	...
2018-2019	...	...
2019-2020	...	...
2020-2021	...	...
2021-2022	...	...
2022-2023	...	...
2023-2024	...	...
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2045-2046	...	...
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2056-2057	...	...
2057-2058	...	...
2058-2059	...	...
2059-2060	...	...
2060-2061	...	...
2061-2062	...	...
2062-2063	...	...
2063-2064	...	...
2064-2065	...	...
2065-2066	...	...
2066-2067	...	...
2067-2068	...	...
2068-2069	...	...
2069-2070	...	...
2070-2071	...	...
2071-2072	...	...
2072-2073	...	...
2073-2074	...	...
2074-2075	...	...
2075-2076	...	...
2076-2077	...	...
2077-2078	...	...
2078-2079	...	...</

It gas well on the 24th of June	No water, and no sediment	Quantity, 1 lb.
---------------------------------	---------------------------	-----------------

1

FORMATION RECORD

Top Point Lookout Band - 1845
Pictured Office



LTR



Job separation sheet

NEW MEXICO OIL CONSERVATION COMMISSION
INITIAL POTENTIAL TEST-DATA SHEET

FORM C-122-B

This form must be used for reporting all pitot tube tests made in the State. It is particularly important that it be used for reporting Initial Potential Tests in the San Juan Basin as prescribed by Order No. R-333 and by the New Mexico Oil Conservation Commission Manual of Tables and Procedure for Initial Potential (Pitot Tube) Tests.

POOL Blanco FORMATION Mogavero

COUNTY San Juan DATE WELL TESTED 5-23-54

OPERATOR Antec Oil & Gas Company LEASE East WELL NO. 4

UNIT
1/4 SECTION: N E LETTER B SEC. 24 TWP. 31-N RGE. 12-W

CASING: 7 " O.D. SET AT 1897 TUBING 2 " WT. 14.7 SET AT 1896

PAY ZONE: FROM 1845' TO 5200' GAS GRAVITY: MEAS. EST. 0.690

TESTED THROUGH: CASING TUBING X

TEST NIPPLE I.D. TYPE OF GAUGE USED ☐ (Spring) ☒ (Monometer)

OBSERVED DATA

SHUT IN PRESSURE: CASING 997 TUBING: 995 S. I. PERIOD 7 days after thg. / raised

TIME WELL OPENED: 12:30 P.M. TIME WELL GAUGED: 3:30 P.M.

IMPACT PRESSURE: 18.5" Hg.

VOLUME (Table I) 1870 (a)

MULTIPLIER FOR PIPE OR CASING (Table II) 1.016 (b)

MULTIPLIER FOR FLOWING TEMP. (Table III) 1.0117 (c)

MULTIPLIER FOR SP. GRAVITY (Table IV) 0.9705 (d)

AVE. BAROMETER PRESSURE AT WELLHEAD (Table V) 11.8

MULTIPLIER FOR BAROMETRIC PRESSURE (Table VI) 0.991 (e)

INITIAL POTENTIAL, MCF/24 Hrs. (a) x (b) x (c) x (d) x (e) = 1903

WITNESSED BY: _____

COMPANY: _____

TITLE: _____

TESTED BY: J. J. Abendschan

COMPANY: Antec Oil & Gas Company

TITLE: Petroleum Engineer

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