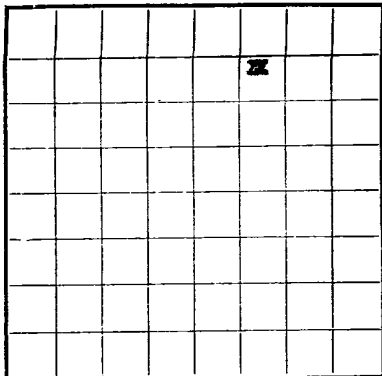


Santa Fe
U. S. LAND OFFICE
SERIAL NUMBER **SM-01772-A**
LEASE OR PERMIT TO PROSPECT

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **Artec Oil & Gas Company** Address **920 Mercantile Securities, Dallas, Texas**
Lessor or Tract **Reid** Field **Artec-P.C.** State **New Mexico**
Well No. **4** Sec. **18** T. **28N** R. **9W** Meridian **NPM** County **San Juan**
Location **1090** ft. **S.** of **N** Line and **1670** ft. **E.** of **E** Line of **Sec. 18** Elevation **5786** G.L.
(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 *B. Williams*
Date **April 5, 1955** Title **Petroleum Engineer**

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

Commenced drilling **March 11**, 19**55** Finished drilling **March 25**, 19**55**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **2030** to **2074 (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 **2030** to **2074** No. 3, from **2074** to **2112**
No. 2, from **2074** to **2112** No. 4, from **2112** to **2115**

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Purposed	Purpose
8-5/8	24	8	J-55	95'				
5-1/2	24	8	J-55	200'				
1	10	8	J-55	100'				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	105	150	Circulate		
5-1/2	2037	100	2-plug		
1	1910				

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 **0** feet to **2112** feet, and from _____ feet to _____ feet
Cable tools were used from **2015** feet to **2112** feet, and from _____ feet to _____ feet

DATES

Completed: **March 28**, 19**55** 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 **325** Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. **2200-2400** **not reported**

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

[illegible]

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 _____

Date April 8, 1960 _____

Title _____

Completed drilling _____, 19____. Finished drilling _____, 19____.

No. 3 from _____ to _____
No. 2 from _____ to _____
No. 1 from _____ to _____

(Dereks gas by G)

[illegible]

Weight per foot	Threads per inch	Make	Amount	Kind of steel	Cut and pulled from	From	To	Purposes
--------------------	---------------------	------	--------	---------------	---------------------	------	----	----------

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, state in the well, give its size and location. In the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to render water, storage, and of material used, position, and results of pumping, or balling.

SHIPPING AND CEMENTING RECORD

Where to	Number each element	Notes	Date	Name
at	1		10/10/68	B. J.
to	2		10/10/68	B. J.

Material	Weight	Weight
Material	Weight	Weight

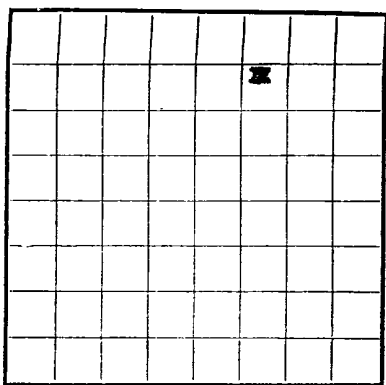
[illegible]

Rotary tools were used from	feet to	feet and from	feet to
(Table tools were used from	feet to	feet and from	feet to

Back pressure, lbs. per sq. in.	
If gas well, cu. ft. per 24 hours	<i>887</i>
% water; and % sediment	
The production for the first 24 hours was	
bbls. of fluid of which % was oil;	
Gallons gasoline per 1,000 cu. ft. of gas	
(Gravity, °Bé)	
Put to producing	

U. S. LAND OFFICE **Santa Fe**SERIAL NUMBER **MS-01778-A**

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **Artec Oil & Gas Company** Address **920 Mercantile Securities, Dallas, Texas**
Lessor or Tract **Raid** Field **Artec-P.C.** State **New Mexico**
Well No. **4** Sec. **18** T. **28N** R. **9W** Meridian **BPM** County **San Juan**
Location **1090** ft. **S.** of **N** Line and **1670** ft. **W.** of **E** Line of **Sec. 18** Elevation **5786 G.L.**
(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

Date **April 5, 1955**Title **Petroleum Engineer**

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

Commenced drilling **March 11**, 19**55** Finished drilling **March 25**, 19**55**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **2030** to **2074 (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 **1000** to **1050** No. 3, from **1050** to **1100**
No. 2, from **1050** to **1100** No. 4, from **1100** to **1150**

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated	Purpose
8-5/8	24	8	J-55	95'				
5-1/2	14	8	J-55	2030'				
1	10	8	J-55	2030'				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	105	150	Circulate		
5-1/2	2037	100	2-plug		
1	1910				

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 **0** feet to **2112** feet, and from _____ feet to _____ feet
Cable tools were used from **2015** feet to **2112** feet, and from _____ feet to _____ feet

DATES

Completed: **March 28**, 19**55** 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 **2200** Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. **Not reported**

EMPLOYEES

Charles Ginter, Driller **A. K. Samuel**, Driller
Lee Maylor, Driller **H. Linsley**, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	40	40	Alluvial
40	1050	1010	Sand & shale
1050	1070	20	Sand.
1070	1550	480	Sand & shale
1550	1800	250	Shale
1800	2005	205	Sand & shale
2005	2015	10	Coal & sand
2015	2112	97	Sand, & shale.

Pictured Cliffs top **2030**

U.S. LAND OFFICE
SERIAL NUMBER

TO BE OF LIMITED PROSPECT

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

A blank sheet of graph paper with a grid pattern. The grid consists of 10 columns and 10 rows of squares. A small dark mark or smudge is visible near the top center of the page.

Date: April 24 1951
 Title: Summary of condition of well at above date.
 The summary on this page is for the condition of the well at above date.
 Commenced drilling: 1951
 Finished drilling: 1951

OIL OR GAS SANDS OR ZONES

(Dreizehnte Sitzung)

Top of 1" pipe in hole. Top of 1" pipe in 1937.

IMPORTANT WATER SANDS

Perforated 2032-2040 w/ 1/4 holes/7.6
dressed and 14,000 lbs. sand. In 32 hrs. from 900% to 500%.
Perforated w/ 2400 grls.

CASING RECORD

[illegible]

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, state in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If rings or bridges were put in to test for water, state size and of material used, position, and results of pumping or bailing.

HISTORY OF OIL OR GAS WELL

MIDDLETOWN AND CEMENTING RECORD

[illegible]

PLUGS AND ADAPTERS

[illegible]

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Dip shot	Depth cleaned out
	Lead - oil filled	-	See		See	

TOOLS USED

Rotary tools were used from	feet to	feet and from	feet to
Clap net were used from	feet to	feet and from	feet to

DATES

Gallons gasoline per 1,000 cu. ft. of gas Gravity, °Bé. Percent of fluid in which _____% was oil; _____%	Put to producing _____% _____%
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EMPLOYEES

.....		
.....		

FORMATION RECORD

[illegible]

FORMATION RECORD—Continued