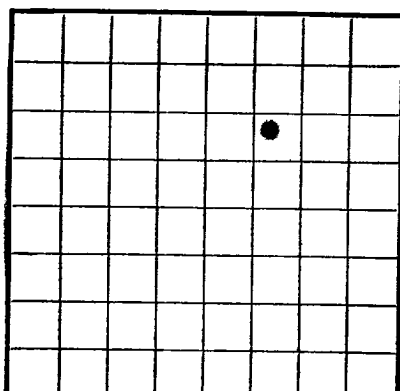


U. S. LAND OFFICE **Santa Fe**SERIAL NUMBER **MS-03541**

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **Artes Oil & Gas Company** Address **P O Box 786, Farmington, New Mexico**
Lessor or Tract **Grandier** Field **Artes** State **New Mexico**
Well No. **1-B** Sec. **4** T. **29N** R. **10W** Meridian **N.M.P.M.** County **San Juan**
Location **1650** ft. **N** of **N** Line and **1700** ft. **E** of **E** Line of **Section 4** Elevation **5945**
(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 *Joe C. Salmon*Date **April 30, 1956**Title **Drilling Superintendent**

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

Commenced drilling **March 30,** 19**56** Finished drilling **April 9,** 19**56**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **2370** to **2414 0** 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—	
8 5/8"	24	3rd		94'					
5 1/2"	21 1/2	3rd		2414 0					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8"	104'	100			
5 1/2"	2414 0	110	Two Plug		

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
Sand-water free from 2370 - 2414 with 44,000 gallons water, 10,000 lbs. sand.						
Breakdown Pressure 1200 lbs., Injection Rate 13.5 barrels per minute.						

TOOLS USED

Rotary tools were used from **0** feet to **2417** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

4/12, 1956 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 **202** Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. **605**

EMPLOYEES

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	200	200	Sand and Shale
200	518	318	Sand and Shale
518	1025	507	Sand and Shale
1025	1254	229	Sand and Shale
1254	1275	21	Hard Shale
1275	1415	140	Sand and Shale
1415	1757	342	Sand and Shale
1757	1904	147	Sand and Shale
1904	2380	476	Sand and Shale
2380	2417 T.D.	67	Sand and Shale

Top P.C. 2364

FROM—

TO—

TOTAL FEET

[OVER]

FORMATION

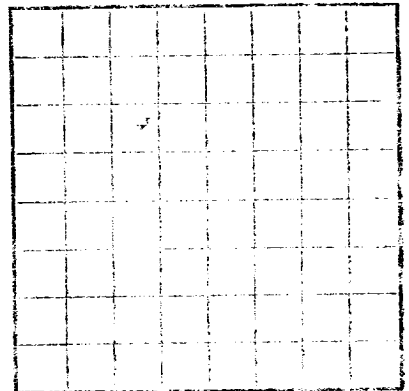
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FORMATION RECORD—Continued

LOG OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
UNITED STATES

PLANS OR PERMIT TO PROSPECT
SERIAL NUMBER
U. S. LAND OFFICE



LOCATE WELL CORRECTLY

Company
Lessor or Trust
Well No.
Location
The information given herewith is a complete and correct record of the well and all work done thereon
Signed

Date
The summary on this page is for the condition of the well at above date.
Commenced drilling
Finished drilling

OIL OR GAS SANDS OR ZONES

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

IMPORTANT WATER SANDS

No. 1 from to
No. 2 from to

CASING RECORD

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, position, and number of shots. If plugs 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

MUDDING AND CEMENTING RECORD

Amount of mud used
Mud gravity
Method used

PLUGS AND ADAPTERS

Adapter—Material
Plugging plug—Material

SHOOTING RECORD

Shot used
Explosive used
Quantity
Date
Depth shot
Depth cleaned out

TOOLS USED

Cable tools were used from feet to feet and from feet to feet
Rotary tools were used from feet to feet and from feet to feet

DATES

Flow to producing
The production for the first 24 hours was
If gas well, gas in per 24 hours
Block pressure lbs. per sq. in.

EMPLOYEES

Driller
Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	10	10	Gravel and sand
10	20	20	Gravel and sand
20	30	30	Gravel and sand
30	40	40	Gravel and sand
40	50	50	Gravel and sand
50	60	60	Gravel and sand
60	70	70	Gravel and sand
70	80	80	Gravel and sand
80	90	90	Gravel and sand
90	100	100	Gravel and sand

FORMATION RECORD—Continued

FORMATION
TOTAL FEET
TO—
FROM—