

JAN 12 1960

U. S. LAND OFFICE

SERIAL NUMBER

O. C. C.
ARTESIA, OFFICE

LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **J. C. WILLIAMSON** Address **Box 16, MIDLAND, TEXAS**
Lessor or Tract **FEDERAL** Field **Undesignated** State **New Mexico**
Well No. **1** Sec. **19** T. **12-S** R. **29-E** Meridian **None** County **Chaves**
Location **2310** ft. **N** of **N** Line and **2195.8** ft. **E** of **W** Line of **Sec. 19** Elevation **3753'**
(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 *[Signature]*
Date **January 6, 1960** Title **Superintendent**

The summary on this page is for the condition of the well at above date.
Commenced drilling **October 26**, 19**59** Finished drilling **December 22**, 19**59**

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from **None** to _____ 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—	
13 3/8	40	4	API	101 222'	None	Left in hole			Drilling
HISTORY OF OIL OR GAS WELL									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13 3/8	302	285 lb	Pump	Unknown	Unknown

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

DATES

_____, 19____ 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 _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	90	90	Red ss w/some Red Shale
90	250	160	Any.
250	350	100	Any. & Salt
350	430	100	Any.
430	600	150	Salt (No G1)
600	705	105	Any.
705	810	105	Red Sand
810	1220	410	Any.
1220	1560	340	Any. w/Streaks of ss & Shale
1560	1600	40	Red Sand
1600	1870	270	Any. w/some Red Shale
1870	1970	100	Red Sand
1970	3230	1260	Dolomite
3230	3570	340	Dolomite, Any. & Sand
3570	3760	190	Any.
3760	4900	1140	Dolomite w/Streaks of Shale & Sand
4900	5500	600	Silt & fine Sand
5500	5970	470	Dolomite
5970	6630	660	Red Shale
6630	7040	410	Dolomite
7040	7800	760	Limestone
7800	8140	340	Thin w/Streaks of Shale
8140	8690	550	Thin w/Shale zones & Streaks of Granite Wash
8690	8872	182	Thin & Chert
8872	8980	108	Dark Gray Shale & Linc
			White Dolomite

LOG OF OIL OR GAS WELL

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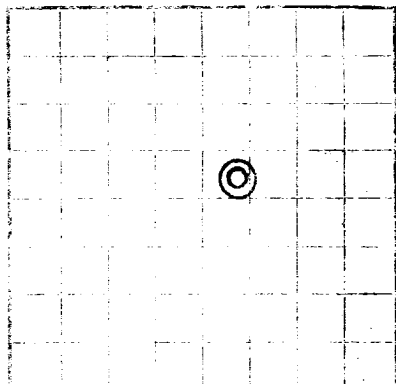
ARTESIAN, OFFICE

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Approved by: [Signature]
Approved by: [Signature]

Form 9-570



LOCATE WELL CORRECTLY

Company: J. C. WILLIAMSON
Person or Title: FEDERAL
Well No.: 1
Location: Sec. 19, T. 15-S, R. 23-E, Meridian
Elevation: 2310
State: New Mexico
County: Chaves
Address: BOX 16, MIDLAND, TEXAS

The information given herewith is a complete and correct record of the well and all work done thereon as far as can be determined from all available records.
Signed: [Signature]
Date: January 6, 1960
Title: Superintendent

Commenced drilling: October 16
Finished drilling: December 22
The summary on this page is for the condition of the well at above date.

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

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 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 rods or bridges were put in for work, state the results of pumping or pulling.

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE
16-48084-2

MUDDING AND CEMENTING RECORD

Size of casing	Amount of cement	Method used	Mud grade	Amount of mud used
13 3/8	302	Pump	Unknown	Unknown

PLUGS AND ADAPTERS

Leaving plug: Material _____
Adapters: Material _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

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

DATES

The production for the first 24 hours was _____ emulsion; _____ % water; and _____ % sediment.
If gas well, cu. ft. per 24 hours _____
Rock pressure, lbs. per sq. in. _____
Gallons gasoline per 1,000 cu. ft. of gas _____
Gravity, B6 _____
Part to producing _____, 19 _____

EMPLOYEES

Driller _____
Diller _____

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
0	90	90	Red & W/Some Red Shale
90	320	150	Any.
320	320	100	Any. & Salt
320	450	100	Any.
450	600	150	Salt (as CI)
600	702	102	Any.
702	810	108	Red Sand
810	1230	420	Any.
1230	1500	270	Any. W/Strata of SS & Shale
1500	1600	100	Red Sand
1600	1670	70	Any. W/Some Red Shale
1670	1670	100	Red Sand
1670	1970	300	Caliche
1970	2230	260	Caliche, Any. & Sand
2230	2230	100	Any.
2230	2230	1000	Caliche W/Strata of Shale & Sand
2230	2230	148	Silt & fine sand
2230	2230	672	Caliche
2230	2230	300	Red Shale
2230	2230	600	Caliche
2230	2230	410	Limestone
2230	2230	700	Lime W/Strata of Shale
2230	2230	240	Lime W/Some zones of Granite (as)
2230	2230	220	Lime & Chert
2230	2230	182	Dark Grey Shale & Lime
2230	2230	182	White Caliche

FORMATION RECORD—Continued