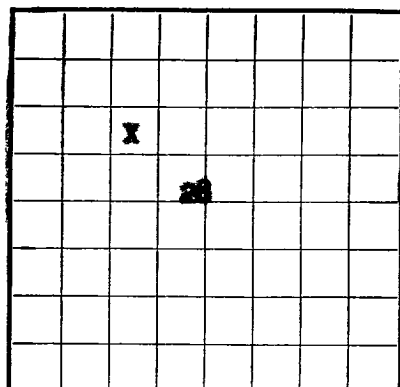
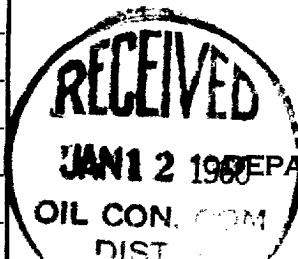


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078931-2
LEASE OR PERMIT TO PROSPECT

LOCATE WELL CORRECTLY



UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY



JAN 11 1960

LOG OF OIL OR GAS WELL
U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

Company Tennessee Gas Transmission Company Address 2000 17th, Durango, Colorado
Lessor or Tract USA Glenn H. Callow Field Undesignated Gallup State New Mexico
Well No. 11 Sec. 28 T. 29N R. 13W Meridian N70N County San Juan
Location 1520 ft. N of 1 Line and 1520 ft. E of 1 Line of Section 28 Elevation 5784 ft.
(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 R. Walker R. WalkerDate January 5, 1959 Title District Production Supt.

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

Commenced drilling October 26, 1959 Finished drilling November 15, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 9906 to 5633 No. 4, from _____ to _____
No. 2, from 6140 to 6062(0) No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from None to _____ No. 3, from _____ to JAN 8 1960
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

U. S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
<u>9 5/8</u>	<u>32.34</u>	<u>8</u>	<u>CPAI</u>	<u>150</u>	<u>Guide</u>				
<u>7</u>	<u>20.25</u>	<u>8</u>	<u>CPAI</u>	<u>6140</u>	<u>Flow</u>		<u>5785</u>	<u>5633</u>	<u>Production</u>
							<u>6140</u>	<u>6062</u>	<u>Production</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used

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 6360 feet, and from _____ feet to _____ feet

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

DATES

_____, 1959 Put to producing _____, 19____The production Gallup first 24 hours was 116 barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% oil in 116 ft. 1/2 Gravity, °Bé. 100

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

12/30/59 Dakota Potential Flow 1328 MC/FPD
EMPLOYEES 3/4" ch 3 hr C&L AOP 5600 MC/FPD

_____, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	12	12	KB to Ground Level
12	930	918	Shale and Sand Stringer
930	1530	600	Brown Shale
1530	1700	270	Sandstone
1700	2520	820	Black Shale
2520	4320	1800	Sands and Shale
4320	5245	925	Black Shale
5245	5635	390	Silty Sands and Shale
5635	6140	505	Shales
6140	6330	290	Sandstones and Shales
			ELECTRIC LOG FORMATION TOPS
			Farmington Sands 430'
			Fruitland Shale 930'
			Pictured Cliff 1530'
			Levis Shale 1700'
			Mesa Verde 2520'
			Mancos Shale 4320'
			Gallup 5245'
			Gallup (lower) 5565'
			Lower Mancos 5635'
			Green Horn 6030'
			Dakota 6140'
			Morrison 6330'

[OVER]

4122

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DATE OF INFO

0 E V E R E T T

CONCLUSION

U. S. GEOLOGICAL SURVEY
WATER RESOURCES DIVISION
WASHINGTON, D. C. 20540

[illegible]

Journal of Interpersonal Violence 28(10)

1. The first part of the document is a letter from the President of the United States to the Congress, dated January 1, 1861. It is a formal address, and it is the first of its kind since the signing of the Constitution. The President, James Buchanan, is addressing the Congress, and he is doing so in a very formal and dignified manner. He is discussing the state of the Union, and he is discussing the issues that are facing the country at that time. He is also discussing the role of the President, and he is discussing the responsibilities of the Congress. The letter is a very important document, and it is a very interesting one to read. It gives us a glimpse into the mind of a President, and it gives us a glimpse into the state of the country at that time. It is a document that is worth reading, and it is a document that is worth studying.

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of re-drilling, 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 plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

Spud 20/26/99 and D-111 12 1/4" hole to 180'. Run and cemented 9 5/8" OD 32 1/2 H-40 casing set at 178'. Cemented with 1000x and agitated cement to surface 400 28 hr. Pressure tested casing at 600 psi for 30 minutes. Drilled 8 3/4" hole to 6350'. Run and cemented 8 3/4" OD 32 1/2 H-40 casing and 25-Induction and Sonic Logs. Run and cemented 7 1/2" OD 30 1/2 J-55 casing set at 6359'. DV stage collar at 1774'. 50' below base of Mustang cliff formation cemented 300 in 50-50 Portland cement. Cemented at 1774'. Run DV stage collar with 50 in 50-50 Portland cement. 400 28 hrs and drilled out stage collar. Perforated 400 28 hrs and acidized with 300 gal HCl. Sand tested and recovered 400 28 hrs. Spent parts 6290' to 6798' with 50 in latex cement. 400 8 hr and pressure tested at 3000 psi. Perforated 6140' to 6180', 6222' to 6226', 6242' to 6262'. Sand water line with 80,000 gal. 128,000 lbs. Set permanent production packer at 6100'. Perforated 5906' to 5933', sand all time with 80,000 lbs and 50,000 gal. Run perforated the string and recover lost oil and water. Drilling potential 12/26/99 thru 116 H2/H 24 hr 20/64" ch 310 ft 3/801 DOR DASHA 12/30/99 thru 3328 H2/H 3/4" ch 3 hr. Cate AOT 5600 H2/H.

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE 16-43094-2

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