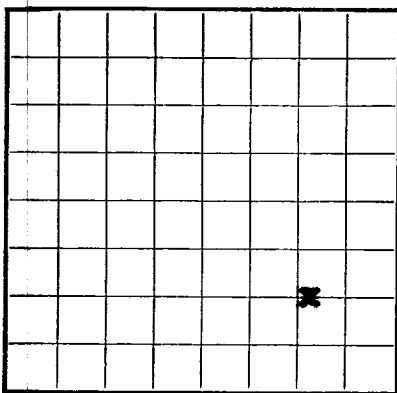


U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **077710**
LEASE OR PERMIT TO PROSPECT

LOCATE WELL CORRECTLY

UNITED STATES **RECEIVED**
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
DEC 31 1954
U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

LOG OF OIL OR GAS WELL

Company **R & G Drilling Company, Inc.** Address **Box 1848, Farmington, N. M.**
Lessor or Tract _____ Field **Fulcher-Lutz** State **New Mexico**
Well No. **1** Sec. **14** T. **20N** R. **12W** Meridian **10N14W** County **San Juan**
Location **1880** ft. **N** of **8** Line and **1120** ft. **E** of **1** Line of **Sec. 14** Elevation **5730**
(Derrick floor relative to base of well)

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 **William C. Russell**Date **December 30, 1954** Title **President**
The summary on this page is for the condition of the well at above date.Commenced drilling **December 13,** 19**54** Finished drilling **December 21,** 19**54**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **1782** to **1826 (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	25.4	8	API	100'	1782'	1782'			Production
5 1/2	24.4	8	API	1786'	1786'	1786'			Production
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
9 5/8	100'	100	Halliburton		119 sacks
5 1/2	1786'	150	"		

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
Halliburton sand-oil treatment, two trucks through casing, from 1788' to 1826, 10800 gals. #2 diesel, 7500 lbs. sand.						

TOOLS USED

Rotary tools were used from **surface** feet to **1786** feet, and from _____ feet to _____ feet
Cable tools were used from **1751** feet to **1826** feet, and from _____ feet to _____ feet

DATES

December **23**, 19**54** Put to producing December **29**, 19**54**
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 **515,000** Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. **400+**

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
1782'	1826'	44'	Pictured Cliffs
	1826	TD	

(OVER)

FORMATION RECORD—Continued

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NEW B&B 80, 100, 50, 200, 500

1. *Journal of the American Medical Association*, 1997; 277: 1033-1038.

The information given herewith is a complete and accurate record of the well and all work done thereon so far as can be determined from all available records.

SECRET

[illegible]

OFFICE OF THE ATTORNEY GENERAL

(b) *no one* *anyone*

10	to	10	to
05	to	05	to
01	to	01	to

IMPORTANT WATER SAVING

.....	63		63
.....	61		61

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 "ad detached" 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 pigs 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

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

RECORDS AND CONTROLLING RECORDS

[illegible]

POSTAGE WILL BE PAID BY ADDRESSEE

[illegible]

SHOOTING RECORD

Project Name	Project Number	Date	Location	Project Status
Project A	101	2023-10-26	Site A	Completed
Project B	102	2023-10-27	Site B	In Progress
Project C	103	2023-10-28	Site C	Planned
Project D	104	2023-10-29	Site D	Completed
Project E	105	2023-10-30	Site E	In Progress
Project F	106	2023-10-31	Site F	Planned
Project G	107	2023-11-01	Site G	Completed
Project H	108	2023-11-02	Site H	In Progress
Project I	109	2023-11-03	Site I	Planned
Project J	110	2023-11-04	Site J	Completed
Project K	111	2023-11-05	Site K	In Progress
Project L	112	2023-11-06	Site L	Planned
Project M	113	2023-11-07	Site M	Completed
Project N	114	2023-11-08	Site N	In Progress
Project O	115	2023-11-09	Site O	Planned
Project P	116	2023-11-10	Site P	Completed
Project Q	117	2023-11-11	Site Q	In Progress
Project R	118	2023-11-12	Site R	Planned
Project S	119	2023-11-13	Site S	Completed
Project T	120	2023-11-14	Site T	In Progress
Project U	121	2023-11-15	Site U	Planned
Project V	122	2023-11-16	Site V	Completed
Project W	123	2023-11-17	Site W	In Progress
Project X	124	2023-11-18	Site X	Planned
Project Y	125	2023-11-19	Site Y	Completed
Project Z	126	2023-11-20	Site Z	In Progress
Project AA	127	2023-11-21	Site AA	Planned
Project AB	128	2023-11-22	Site AB	Completed
Project AC	129	2023-11-23	Site AC	In Progress
Project AD	130	2023-11-24	Site AD	Planned
Project AE	131	2023-11-25	Site AE	Completed
Project AF	132	2023-11-26	Site AF	In Progress
Project AG	133	2023-11-27	Site AG	Planned
Project AH	134	2023-11-28	Site AH	Completed
Project AI	135	2023-11-29	Site AI	In Progress
Project AJ	136	2023-11-30	Site AJ	Planned
Project AK	137	2023-12-01	Site AK	Completed
Project AL	138	2023-12-02	Site AL	In Progress
Project AM	139	2023-12-03	Site AM	Planned
Project AN	140	2023-12-04	Site AN	Completed
Project AO	141	2023-12-05	Site AO	In Progress
Project AP	142	2023-12-06	Site AP	Planned
Project AQ	143	2023-12-07	Site AQ	Completed
Project AR	144	2023-12-08	Site AR	In Progress
Project AS	145	2023-12-09	Site AS	Planned
Project AT	146	2023-12-10	Site AT	Completed
Project AU	147	2023-12-11	Site AU	In Progress
Project AV	148	2023-12-12	Site AV	Planned
Project AW	149	2023-12-13	Site AW	Completed
Project AX	150	2023-12-14	Site AX	In Progress
Project AY	151	2023-12-15	Site AY	Planned
Project AZ	152	2023-12-16	Site AZ	Completed
Project BA	153	2023-12-17	Site BA	In Progress
Project BB	154	2023-12-18	Site BB	Planned
Project BC	155	2023-12-19	Site BC	Completed
Project BD	156	2023-12-20	Site BD	In Progress
Project BE	157	2023-12-21	Site BE	Planned
Project BF	158	2023-12-22	Site BF	Completed
Project BG	159	2023-12-23	Site BG	In Progress
Project BH	160	2023-12-24	Site BH	Planned
Project BI	161	2023-12-25	Site BI	Completed
Project BJ	162	2023-12-26	Site BJ	In Progress
Project BK	163	2023-12-27	Site BK	Planned
Project BL	164	2023-12-28	Site BL	Completed
Project BM	165	2023-12-29	Site BM	In Progress
Project BN	166	2023-12-30	Site BN	Planned
Project BO	167	2023-12-31	Site BO	Completed
Project BP	168	2024-01-01	Site BP	In Progress
Project BQ	169	2024-01-02	Site BQ	Planned
Project BR	170	2024-01-03	Site BR	Completed
Project BS	171	2024-01-04	Site BS	In Progress
Project BT	172	2024-01-05	Site BT	Planned
Project BU	173	2024-01-06	Site BU	Completed

ROOTS CASE

[illegible]

657AC

[illegible]
$$\frac{d}{dt} \left(\frac{1}{2} m \dot{x}^2 \right) = \frac{d}{dt} \left(\frac{1}{2} m \dot{y}^2 \right) = \frac{d}{dt} \left(\frac{1}{2} m \dot{z}^2 \right) = \frac{d}{dt} \left(\frac{1}{2} m \dot{\theta}^2 \right) = \frac{d}{dt} \left(\frac{1}{2} m \dot{\phi}^2 \right) = \frac{d}{dt} \left(\frac{1}{2} m \dot{\psi}^2 \right)$$

$\frac{1}{2} \text{H}_2\text{O}$	$\frac{1}{2} \text{H}_2\text{O}$
$\frac{1}{2} \text{H}_2\text{O}$	$\frac{1}{2} \text{H}_2\text{O}$

DATE: 07/24/2015

100-1000									
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4. *1990-1991* *2000-2001*

[illegible]