

A blank 10x10 grid for graphing, consisting of 10 columns and 10 rows of squares. The grid is used for plotting the graph of the function $y = \frac{1}{2}x^2$.

LEASE OR PERMIT TO PROSPECT
Elliott-Parcell

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company John W. Gates Address Box 595, Artesian, N.Mex.
Lessor or Tract Elliott-Parcell Field Undesignated State New Mexico
Well No. 2 Sec. 13 T19S R. 28E Meridian N.M.P.M. County Eddy
Location 660 ft. ## of N Line and 1980 ft. ## of E Line of Sec. 13 Elevation _____

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.

Date Dec. 1, 1958 Signed Wm. J. [illegible]
Title Bookkeeper

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

Commenced drilling July 12, 1958 Finished drilling September 20, 1958

OIL OR GAS SANDS OR ZONES

(Denote gas by $\mathbb{G}$)

No. 1, from 1758 to 1768 No. 4, from 2216 to 2222
 No. 2, from 1814 to 1822 No. 5, from _____ to _____
 No. 3, from 2138 to 2165 No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 140 to 147 No. 3, from _____ to _____
No. 2, from 1210 to 1300 No. 4, from _____ to _____

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10"	345	50	Halliburton		
7"	2689	300	"		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

[illegible]

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 120 barrels of fluid of which 100% 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
Spencer _____ Driller
Walker _____ Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	15	15	Surface
15	75	60	Red shale, sand
75	130	55	Red bed & sand rock
130	165	35	Sandy shale
165	195	30	Red shale
195	230	35	Red rock
230	260	30	Red shale
260	290	30	Anhydrite & red beds
290	330	40	Red shale
330	350	20	Anhydrite & red beds
350	359	9	Anhydrite
359	445	86	Anhydrite & salt
445	587	142	Salt
587	825	238	Anhydrite
825	845	20	Anhydrite & red beds
845	930	85	Broken anhydrite
930	960	30	Anhydrite & shale
960	1245	285	Anhydrite
1245	1485	240	Lime
1485	1500	15	Pink & grey lime
1500	1559	59	Lime
1559	1574	15	Lime & Anhydrite