

A 10x10 grid for graphing, consisting of 10 columns and 10 rows of squares. The grid is used for plotting the graph of the function $y = \sin x$ for $0 \leq x \leq 2\pi$.

U. S. LAND OFFICE **Las Cruces**
SERIAL NUMBER **067968**
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Sinclair Oil & Gas Company Address Box 1927 Hobbs, New Mexico
 Lessor or Tract J. H. McClure Field Dollarhide ~~Queen~~ State New Mexico
 Well No. 10 Sec. 30 T. 24 S R. 38 E Meridian _____ County Lea
 Location 1650 ft. N 14 of S Line and 2140 ft. E of E Line of 30-24-38 Elevation 3142
 (91) (W) (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 66-111
Date April 23, 1954 Title Dist. Supt.

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

Commenced drilling 12-28-53, 1953 Finished drilling 2-10-, 1954

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3692 to 3710 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. 2, from _____ to _____

No. 3, from _____ to _____

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
9 5/8	309	300	Halliburton		
7	367 1/4	1850	"		
2 1/2	3680				

PLUGS AND ADAPTERS

Heaving plug—Material None Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
		Petrofraced	6,000 Gal.	2-11	3581-3710	3710
			11,000# sand			

TOOLS USED

Rotary tools were used from Surface feet to 3675 feet, and from _____ feet to _____ feet
Cable tools were used from 3675 feet to 3710 feet, and from _____ feet to _____ feet

3710 DATES

_____, 19_____ Put to producing _____, 19_____

The production for the first 24 hours was 1172 barrels of fluid of which 212 % was oil; 54 % emulsion; 100 % water; and 100 % sediment. Gravity, °Bé. 100

If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas 36.6

Rock pressure, lbs. per sq. in.

EMPLOYEES

C. P. Keeper	Driller	J. H. Beal	Driller
W. S. Wright	Driller	J. C. Williams	Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	100	100	Redbed
100	2642	2542	Anhydrite & Salt
2642	2955	313	Anhydrite & Lime
2955	3710	755	Lime

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

HISTORY OF OIL OR GAS WELL

ACCOMPLISH THE MISSION OF THE AGENCY

FORMATION RECORD—Continued