

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 $y = \sin x$ for $0 \leq x \leq 2\pi$.

LOCATE WELL CORRECTLY

U. S. LAND OFFICE ~~Recd.~~ ~~11~~ 07393

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT initiated

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Merules Oil & Refining company Address Box 215, Houston, Texas
Lessor or Tract Bob Chalk, Huff, Draw Field Empire No State New Mexico
Well No. 7 Sec. 9 T. 15S R. 27E Meridian 107 County Albany
Location 735 ft. {N. } of 5 Line and 790 ft. {E. } of Line of Section 9 Elevation 7524
{S. } {W. } (Derrick floor relative to road)

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 _____

Date May 20, 1958 Title Report

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

Commenced drilling -----, 19----- Finished drilling -----, 19-----

OIL OR GAS SANDS OR ZONES: JUL 15, 1960
(Denote gas by G)

No. 1, from 525 to 576

No. 2, from to

No. 3, from to

No. 4, from to

No. 5, 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 casting	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
of spore	If blank or package were put in to test for water' as a kind of material; also, location' and receipt of blank and of package'								
4-1/2	9.7	40	ONE	5755	HISTORY OF OIL ON ONE METE	5630	5656		

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
5 1/2"	1-11	750	100%	—	—
3 1/2"	590	1050	100%	—	—

PLUGS AND ADAPTERS

Heaving plug—Material ----- Length ----- Depth set -----

[illegible]

SHOOTING RECORD

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

TOOLS USED

Rotary tools were used from Surface feet to 5768 feet, and from — feet to — feet.

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

DATES

May 20, 1960 The production for the first 24 hours was 70 barrels of fluid of which 100% was oil; 0% emulsion; 0% water; and 0% sediment.	Put to producing May 15, 1960 barrels of fluid of which 100% was oil; 0% emulsion; 0% water; and 0% sediment. Gravity, °Bé. 100
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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

_____d Connelly, Driller

L. O. Blackledge INFORMATION RECORD

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	439	439	Bedbeds & Anhydrite
439	514	165	Bedbed, anhydrite & Gyp
514	726	192	Anhydrite
726	847	121	Anhydrite & Gyp
847	1025	177	Anhydrite, Gyp & Bedbeds
1025	1215	190	Anhydrite
1215	1286	53	Anhydrite & Lime
1286	1336	50	Anhydrite, Gyp & Lime
1336	1515	179	Anhydrite & Lime
1515	4247	2732	Lime
4247	4476	229	Dolomite & Lime
4476	4602	126	Dolomite & Chert
4602	4720	117	Dolomite & Lime
4720	4877	157	Dolomite
4877	5120	242	Dolomite & Lime
5120	5147	27	Green Shale, Anhydrite & Lime
5147	5190	42	Shale
5190	5243	53	Lime & Dolomite
5243	5296	53	Shale, Anhydrite & Lime
5296	5345	49	Lime
5345	5422	77	
5422	5550	128	

RECORD-Continued

