

U. S. GEOLOGICAL SURVEY
BUREAU OF MINERAL RESOURCES
WASHINGTON, NEW MEXICO

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 $0 \leq x \leq 2\pi$.

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company El Paso Natural Gas Company Address Box 990, Farmington, New Mexico
 Lessor or Tract San Juan 27-5 Unit Field Tapacito P. D. State New Mexico
 Well No. 80 Sec. 22 T. 27N R. 5W Meridian N.M.P.M. County Rio Arriba
 Location 1180 ft. N. of S. Line and 890 ft. EX of E. Line of Section 22 Elevation 6518
(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.

Date December 28, 1962 Title Petroleum Engineer

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

Commenced drilling 11-1, 19 62 Finished drilling 11-6, 19 62

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3298 to 3372 (6) 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 7/8	11.5	8-14	1-15	1.6	1-15	1-15			
2 7/8	8.4	8-14	1-15	1.6	1-15	1-15			

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8"	125	75	circulated		
2 7/8"	3444	190	single		

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
Perr 3320-26; 3308-08(2 SFF);	Free v/31,000 gallons water,	30,000# sand.	Flush v/1400			
gallons water. Max pr 3700#,	NST 2300#,	tr pr 2600-3300#.	1 drop of 12 balls.			

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

-----~~11-29~~-----, 19-~~62~~ Put to producing -----, 19-----

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 4,100,000 Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. ----- 1020-1110 ----- A O W 5252 MTH/D

EMPLOYEES

_____, Driller

_____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2663	2663	Tan to gry cr-grn ss interbedded w/gry sh.
2663	2853	190	Ojo Alamo ss. White cr-grn s.
2853	3060	207	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
3060	3298	238	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
3298	3372	74	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
3372	3444	72	Lewis form. Gry, fine-grn, dense sil ss.