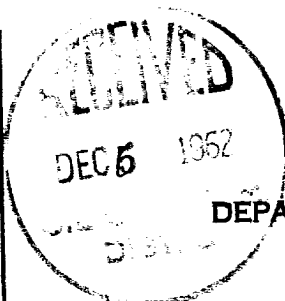


A blank 10x10 grid for graphing, consisting of 10 columns and 10 rows of squares. The grid is used for plotting the graph of the function $y = \frac{1}{2}x^2$.

U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **078912**
LEASE OR PERMIT TO PROSPECT

52 UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company El Paso Natural Gas Company Address Box 990, Farmington, New Mexico
Lessor or Tract Lindrith Unit Field So. Blanco P. C. State New Mexico
Well No. 45 Sec. 14 T~~24-N~~ R. 3-W Meridian N.M.P.M. County Rio Arriba
Location 1000 ft. N. of S Line and 1600 ft. E of E Line of Section 14 Elevation 7122
(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. ORIGINAL SIGNED H.E. McANALLY
Signed _____

Date December 4, 1962 Title Petroleum Engineer

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

Commenced drilling 5-14, 1962 Finished drilling 5-18, 1962

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3195 to 3323 (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. 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
8 5/8"	134	130	circulated		
2 7/8"	3323	165	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
Perf 3220-26, 3294-40,	Prac w/31, 542 gallons	water,	35,000# sand.	Flush w/2100 gallons		
water. IR 22.8 BPM. Max pr 2900#, IDP 2900#,	tr pr 2400-2500-2900#.	1 drop of 15 balls.				

TOOLS USED

Rotary tools were used from 134 feet to 3323 feet, and from _____ feet to _____ feet

Cable tools were used from _____ feet to 134 feet, and from _____ feet to _____ feet

234 DATES

-----~~6-7-~~-----, 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 1,716,000 Gallons gasoline per 1,000 cu. ft. of gas -----

Rock pressure, lbs. per sq. in. ----- 1004 csg. A.O.F. 1766

EMPLOYEES

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

FORMATION RECORD

FROM--	TO--	TOTAL FEET	FORMATION
0	2775	2775	Tan to gry cr-grn ss interbedded w/gry sh.
2775	2930	155	Ojo Alamo ss. White cr-grn s.
2930	3085	155	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
3085	3195	110	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
3195	3323	138	Pictured Cliffs forms. Gry, fine-grn, tight, varicolored soft ss.

[OVER]

