

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 $y = \sin^{-1} x$.

LOCATE WELL CORRECTLY

RECEIVED
JUL 27 1963

U. S. LAND OFFICE _____
 SERIAL NUMBER _____
 LEASE OR PERMIT TO PROSPECT _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company F. T. Brahaney Address Box 1605, Midland, Texas
Lessor or Tract Federal Field Wildcat State New Mexico
Well No. 1 Sec. 18 T. 8-S R. 26E Meridian NMPM County Chaves
Location 660 ft. N of S Line and 660 ft. E of E Line of Sec. 18 Elevation 3675.7' GL
(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 F. T. Brahaney
Date June 25, 1963 Title Partner

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

Commenced drilling June 5, 1961 Finished drilling June 17, 1961

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from None to _____

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 1285 to 1288 No. 3, from _____ to _____
 No. 2, from (Sulphur Water) 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	1202'	525	Balliburton	Cemented all around	8-5/8" casing

PLUGS AND ADAPTERS

Heaving plug—Material ~~Cement~~ Length ~~132'~~ Depth set ~~1156' to 1288'~~
Adapters—Material _____ Size ~~8 sack cement plug on top of hole with~~
SHOOTING RECORD ~~marker.~~

SHOOTING RECORD marker.

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

TOOLS USED

Rotary tools were used from 0 feet to 1202 feet, and from _____ feet to _____ feet
Cable tools were used from 1202 feet to 1282 feet, and from _____ feet to _____ feet

DATES

_____, 19____ 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 ----- Gallons gasoline per 1,000 cu. ft. of gas -----

Rock pressure, lbs. per sq. in. -----

EMPLOYEES

~~A. H. Paten~~, Driller
_____, Driller

~~A. C. Norris~~, Driller
_____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	110	110	Surface and caliche
110	160	50	Shale and anhydrite
160	790	630	Anhydrite and Shale
790	1202	412	Lime and Anhydrite
1202	1288	86	Dolomite and Lime
	1288	Total Depth.	

