

A blank 10x10 grid for graphing, consisting of 10 columns and 10 rows of squares. The grid is used for plotting the data from the table above.

RECEIVED
JUL 2 1957

U. S. LAND OFFICE New Mexico
SERIAL NUMBER NM 05126
LEASE OR PERMIT TO PROSPECT Simpson

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Yates Brothers, Et Al Address 309 Carper Building
Lessor or Tract Simpson Federal Field CAVE State N. M.
Well No. 1 Sec. 6 T. 17S R. 29E Meridian N.M.P.M. County Eddy
Location 330 ft. (N.) of S Line and 330 ft. (E.) of E Line of Sec. 6 Elevation 3652 G.C.

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 5-21-57 Signed Maurice M. Spitzer
Title Deputy

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

Commenced drilling 12-2, 19 56 Finished drilling 1-7- 19 57

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

(Denote gas by G)

No. 1, from <u>2374</u> to <u>2384</u>	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. 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—	
5 1/2	14#		CF&I	2471	Float		2374	2384	Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
5½	2471	330 sxs of 4½ gal. portland cement & 225 gals. Dowell Cement	Halliburton		

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
Treated through perforations at 2374 to 2384 feet with 20286 gallons						
of gelled oil and 17640 # of sand						

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to 2430 feet, and from _____ feet to _____ feet

DATES

-----, 19----- Put to producing Jan. 14, 1957

The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity _____ °Baume _____

If gas well, cu. ft. per 24 hours 380,000 Gallons gasoline per 1,000 cu. ft. of gas 2.63

Rock pressure, lbs. per sq. in. (193 psig S.I.P.)

EMPLOYEES

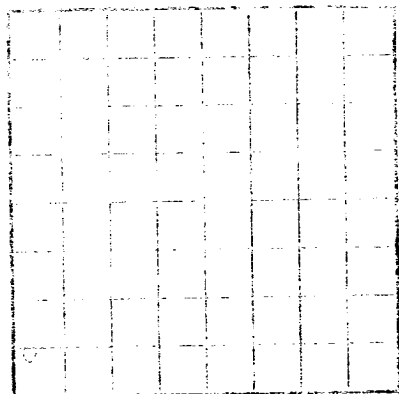
EMPLOYEES			
Graham	Driller	A.M. Cooper	Driller
Robertson	Driller	Sloan-Toolpusher	Driller

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
280	339		Salt(Top Salt @ 235 By driller)
595	740		Salt & Anhy-Base of Salt 640'
740	774		Anhy.
774	815		Dol. & Anhy Yates 809
815	950		Anhy, red shale & red Sandstone
950	970		Anhy & red shale
970	1017		br. Dol, Anhy, red shale
1017	1030		" " " " " " , red Ss.
1030	1125		" " " " " " , Shale
1125	1175		br. Dol and Anhy
1175	1332		Anhy
1332	1373		grey, brown Dol and grey Anhy.
1373	1432		Anhy
1432	1464		Anhy and red Ss.
1464	1556		Anhy.
1556	1656		Anhy, and red and grey Ss, red Sh.
1656	1770		Dol & Anhy Queen @ 1628
1770	2135		Dol, Anhy, red Ss, rd. Sh. Grayburg @ 2018
2135	2230		Dol
2230	2313		Dol, Anhy & red Ss.
2313	2350		Dol
2350	2387		Dol, red grey & brown Ss, Premier@2352
2387	2441		Dol : San Andres @ 2382
2441	2455		Dol, red, grey & brown Ss.
2455	2480		cm. Dol.

LOG OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
UNITED STATES



LOCATE WELL CORRECTLY

Company _____
Address _____
State _____
County _____
Section _____
Twp. _____
Range _____
Location _____
The information given in this log is a complete and correct record of the well and all work done thereon
as far as can be determined from all available records
Signed _____
Date _____

OIL OR GAS SANDS OR ZONES

No. 1 from _____
No. 2 from _____
No. 3 from _____
No. 4 from _____
No. 5 from _____
No. 6 from _____
No. 7 from _____
No. 8 from _____
No. 9 from _____
No. 10 from _____

CASING RECORD

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

HISTORY OF OIL OR GAS WELL

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

FORM 1004

FROM-	TO-	TOTAL FEET	FORMATION
1000	1000	0	1000
950	1000	50	1000
900	1000	100	1000
850	1000	150	1000
800	1000	200	1000
750	1000	250	1000
700	1000	300	1000
650	1000	350	1000
600	1000	400	1000
550	1000	450	1000
500	1000	500	1000
450	1000	550	1000
400	1000	600	1000
350	1000	650	1000
300	1000	700	1000
250	1000	750	1000
200	1000	800	1000
150	1000	850	1000
100	1000	900	1000
50	1000	950	1000
0	1000	1000	1000

FORMATION RECORD—Continued