

A blank 10x10 grid for graphing, consisting of 10 columns and 10 rows of squares.

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JUN 24 1962
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U. S. LAND OFFICE New Mexico
SERIAL NUMBER NM 088995
LEASE OR PERMIT TO PROSPECT Spencer-Federal

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company W.W. Holmes Address Box 567, Amarillo, Texas
Lessor or Tract Spencer-Federal Field Unknown State New Mexico
Well No. 4 Sec. 11 T. 18 N. R. 3W Meridian N.M.P. County Sandoval
Location 1650 ft. Box of Line and 990 ft. Box of Line of NW Sec. 11 Elevation 6708 Gr.

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 1/22/62 Signed [Signature] Title Asst to General Manager

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

Commenced drilling 4-30- 1961 Finished drilling 5-4- 1961

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from _____ 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 _____ 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—	
85/8					12'		Cum.			St. Crum.
4 17/8					1134		Cum.	1134	1141	and inner casing

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8"	12'	4 Sacks	Circ. to surface		
4 1/2"	1134'	40 Sacks			

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

TOOLS USED

Rotary tools were used from _____ feet to 1145 feet, and from _____ feet to _____ feet

Cable tools were used from _____ feet to _____ 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

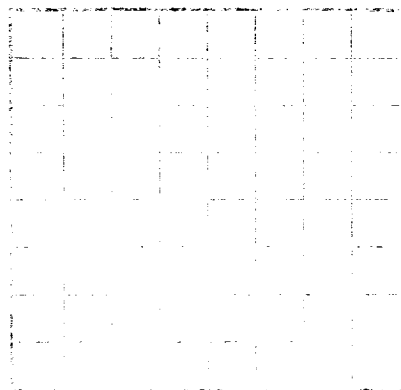
Jack W. Holmes _____, Driller
T.C. Durham _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	400		Sand, shale & Coal
400	485		Sand
485	500		Hard Sandstone
500	522		Sand
522	548		Shale w/ sand & Coal streaks
548	560		Hard sandstone
560	615		Sand, shale & Coal
615	778		Sandy shale
778	780		Sand (small oil show)
780	850		Shale w/ sand streaks
850	867		Sandy, shale
867	874		Sand (small oil show)
874	978		Sand & shale
978	994		Sand
994	1040		Shale
1040	1054		Sand
1054	1059		Hard sandstone
1059	1071		Sand
1071	1110		Sand and shale
1110	1135)		Sand (Cored and set pipe on this sand)
1135	1142)		" " " " " " " "
1142	1145 T. D.		Shale

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF WELL OR GAS WELL



1. Name of well or gas well
2. Location of well or gas well
3. Date of completion
4. Name of owner
5. Name of driller
6. Name of operator
7. Name of engineer
8. Name of geologist
9. Name of geophysicist
10. Name of chemist
11. Name of physicist
12. Name of biologist
13. Name of meteorologist
14. Name of astronomer
15. Name of geodesist
16. Name of cartographer
17. Name of photographer
18. Name of draftsman
19. Name of printer
20. Name of binder

OIL OR GAS WELLS

(See page 1)

No. 1 from ...
No. 2 from ...
No. 3 from ...

WATER WELLS

No. 1 from ...
No. 2 from ...
No. 3 from ...

WATER WELLS

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 "struck" or left in the well, give its size and location. If the well has been dynamited, give date, size, 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 testing.

HISTORY OF OIL OR GAS WELL

10-43094-2 U. S. GOVERNMENT PRINTING OFFICE

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