

A blank 10x10 grid for graphing. The grid consists of 10 columns and 10 rows of squares. A small black dot is located in the top right corner of the grid, specifically in the 10th column and 10th row.

FEB 3 1960 UNITED STATES DEPARTMENT OF THE INTERIOR
 U. S. GEOLOGICAL SURVEY ARTESIA, NEW MEXICO
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U. S. S. S. R.
AFRICA, OFFICE

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Southwestern, Inc. Address Box 1116, Lovington, New Mexico
 Lessor or Tract Tennessee Gas and Oil Field West Lusk State New Mexico
 Well No. 1 Sec. 29 T. 19S R. 31E Meridian NMPM County Eddy
 Location 660 ft. [N. S.] of N Line and 1980 ft. [E. W.] of WE Line of Sec. 29 Elevation 3490

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 Jan. 30, 1960 Signed *J. F. Phillips*
Title President

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

Commenced drilling **Dec. 20,** _____, 19**59** Finished drilling **January 17,** _____, 19**60**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **2167** to **2177** No. 4, from _____ to _____
 No. 2, from _____ to _____ No. 5, from _____ to _____
 No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

IMPORTANT WATER SANDS

No. 1, from <u>460</u> to <u>475</u>	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—	
8 5/8 28#		10V	Used	790.5	Tex. Pat.	No	-	-	Shut off water
5 1/2 14#		8Hc.	Q-55 New	2167	Halliburton Type J	No	-	-	Oil String

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8"	790.5	50 sx.	Denton	10 lb.	25 sx
5 1/2"	2167	100 sx.	Halliburton	"	25 sx.

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 feet, and from feet to feet
Cable tools were used from 0 feet to 2177 feet, and from - feet to - feet

DATES

Dec. 20, 1959 Put to producing January 26, 1960

The production for the first 24 hours was 45 barrels of fluid of which 100% was oil; 0% emulsion; 0% water; and 0% sediment. Gravity, °Bé. 30

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

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

EMPLOYEES

EMPLOYEES

<u>H.T. Flynn</u>	, Driller	<u>B.W. Nester</u>	, Driller
<u>John Goodwin</u>	, Driller	<u>E.A. Sample</u>	, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	416	416	Red Bed & Sand
416	665	249	Anhydrite with some dolomite stringers
665	790	125	Interbedded salt & anhydrite
790	1972	1182	Salt
1972	1990	18	Anhydrite
1990	2142	152	Interbedded anhydrite & dolomite
2142	2177	35	Interbedded sand, dolomite

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It is of the greatest importance to have a complete history of the well. Please state in detail the dates of reworking, 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, 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 drilling.