

A 10x10 grid with a small black dot in the center. The dot is located at the intersection of the 5th column and the 5th row, counting from the top-left corner.

LOCATE WELL CORRECTLY

U. S. GEOLOGICAL SURVEY
BIOLOGICAL SERVICE
DEPARTMENT OF THE INTERIOR
WASHINGTON, D. C.

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company V. S. WELCH Address ARTESIA, NEW MEXICO
Lessor or Tract SHUGART D Field SHUGART State NEW MEXICO
Well No. 5-D Sec. 30 T. 18S R. 31E Meridian N.M.P.M. County EDDY
Location 990 ft. [N. of N Line and 2310 ft. [E. of E Line of 30 Elevation -
[S.] [W.] (Derrick floor relative to sea level)

I, W. S. WELCH, owner of the well and all work done thereon

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 _____

Date MAY 2, 1963 Signed [Signature] Title AGENT

Date 11/21/62
The summary on this page is for the condition of the well at above date.
Commenced drilling 11/21/62, 19____ Finished drilling 1/30/63, 19____

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

(Denote gas by G)

No. 1, from <u>3766</u> to <u>3784</u> No. 2, from <u>3426</u> to <u>3440</u> No. 3, from <u>3476</u> to <u>3484</u>	No. 4, from <u>3514</u> to <u>3520</u> No. 5, from _____ to _____ No. 6, from _____ to _____
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IMPORTANT WATER SANDS

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

CASING RECORD

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				730			3768-	84	SURFACE PUMP.
5-1/2				3885			3428-	40	
							3476-	84	
							3514-	20	

MUDDING AND CEMENTING RECORD

MUDDING AND CEMENTING RECORD					
Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	730	75	DENTON		
5-1/2	3835	175	DENTON		

PLUGS AND ADAPTERS

PLUGS AND ADAPTERS

Heaving plug—Material ----- Length ----- Depth set -----

Adapters—Material ----- Size -----

SHOOTING RECORD

SHOOTING RECORD

[illegible]

TOOLS USED

TOOLS USED

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

Cable tools were used from 0 feet to 3865 feet, and from _____ feet to _____ feet

DATES

DATES

Put to producing FEB. 9, 1963, 19__

The production for the first 24 hours was 150 barrels of fluid of which 100% 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

EMPLOYEES

<u>HOMER LOWREY</u>	Driller	<u>L.H. TENNANT</u>	Driller
	Driller		Driller

FORMATION RECORD

FORMATION RECORD			
FROM—	TO—	TOTAL FEET	FORMATION
			AT THE END OF THE DAY LOG. AD. ... STATE WHETHER ...

AT THE END OF EACH MONTH THE SELLER'S
LOG. AD. TO THE STATE
WHETHER THE SELLER'S LOG.

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 "siderchecked" 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 bailing.

FORMATION	TOTAL FEET	TO-
RED BEDS & GYP	530	
ANY.	760	
SALT	1845	
ANY	2270	
ANY & LIME	2414	
LIME	3202	
SAND	3240	
LIME	3428	
SAND	3441	
LIME	3486	
SAND	3495	
LIME	3590	
SAND	3612	
XXXXXXXXXXXXXX		
XXXXXX		
LIME	3760	
SAND & LIME	3790	
LIME T.D.	3865	
GEOLOGIC TOPS:		
TOP OF ANY.		
TOP OF SALT		
BASE OF SALT		
TOP OF LATES		
TOP OF 7-RIBBS		
TOP OF QUARRIES		
TOP OF CHAIRBURG		
630		
780		
1840		
2100		
2410		
3158		
3606		

(TWO COPIES OF ELECTRIC LOG ATTACHED)