

U. S. LAND OFFICE **L. C.**  
SERIAL NUMBER **029387 (A)**  
LEASE OR PERMIT TO PROSPECT .....

Grid for locating well correctly

RECEIVED

MAY 6 1963 UNITED STATES

DEPARTMENT OF THE INTERIOR  
ARTESIA OFFICE GEOLOGICAL SURVEY

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 **8-D** Sec **30** T **18S** R. **31E** Meridian **N.M.P.M.** County **EDDY**  
Location **990** ft. <sup>[N.]</sup>/<sub>[S.]</sub> of **N** Line and **990** ft. <sup>[E.]</sup>/<sub>[W.]</sub> of **E** Line of **SEC. 30** Elevation **-**

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 \_\_\_\_\_ Title **AGENT**

Date **MAY 2, 1963**

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

Commenced drilling **1/19/63**, 19... Finished drilling **3/26/63**, 19...

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **3760** to **3778** No. 4, from ..... to .....

IMPORTANT WATER SANDS

No. 1, from ..... to ..... No. 3, from ..... to .....

CASING RECORD

Table with columns: Size casing, Weight per foot, Threads per inch, Make, Amount, Kind of shoe, Cut and pulled from, Perforated (From-To), Purpose.

MUDDING AND CEMENTING RECORD

Table with columns: Size casing, Where set, Number sacks of cement, Method used, Mud gravity, Amount of mud used.

PLUGS AND ADAPTERS

Heaving plug—Material ..... Length ..... Depth set .....

SHOOTING RECORD

Table with columns: 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 **3850** feet, and from ..... feet to ..... feet

DATES

Put to producing **APRIL 1, 1963**, 19...  
The production for the first 24 hours was **125** 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

**D. MOORE**, Driller **B. McDORMAN**, Driller

FORMATION RECORD

Table with columns: FROM, TO, TOTAL FEET, FORMATION.

AT THE END OF COMPLETE DRILLER LOG...

FROM-	TO-	TOTAL FEET	FORMATION
		520	RED BEDS
		705	ANHY
		1828	SALT
		2585	ANHY
		2815	ANHY & LIME
		3400	LIME
		3436	SAND & LIME
		3565	LIME
		3614	SAND
		3770	LIME
		3783	SAND & LIME
		3850	LIME P.B.
<b>GEOLOGIC TOPS:</b>			
	TOP OF ANHY.	525	
	TOP OF SALT	715	
	BASE OF SALT	1830	
	TOP OF YATES	2310	
	TOP OF QUEEN	3150	
	TOP OF PENROSE	3400	
	TOP OF GRAYBURG	3805	
(2 COPIES OF ELECTRIC LOG ATTACHED)			

**HISTORY OF OIL OR GAS WELL**

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

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, 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 balling.