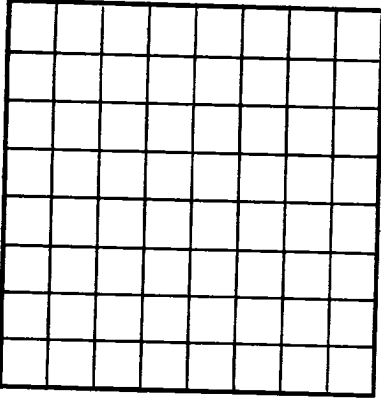


U. S. LAND OFFICE Las Cruces  
SERIAL NUMBER 050158  
LEASE OR PERMIT TO PROSPECT \_\_\_\_\_



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Owen Haynes Address Artesia, New Mexico  
Lessor or Tract Harbold Field Empire Ext. State New Mexico  
Well No. 4 Sec. 26 T. 17S R. 27E Meridian N.M.P.M. County Eddy  
Location ft.  $\left\{ \begin{matrix} N. \\ S. \end{matrix} \right\}$  of \_\_\_\_\_ Line and ft.  $\left\{ \begin{matrix} E. \\ W. \end{matrix} \right\}$  of \_\_\_\_\_ Line of Section 26 Elevation \_\_\_\_\_  
(Derive four relative to sea level)

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 Ernest H. Williams  
Date July 9, 1951 Title Agent

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

Commenced drilling June 5th, 1951. Finished drilling June 15, 1951

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

No. 1, from None to \_\_\_\_\_ 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 \_\_\_\_\_ 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--	
7"									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7"	190'				

PLUGS AND ADAPTERS

Running plug—Material \_\_\_\_\_ Length \_\_\_\_\_ Depth set \_\_\_\_\_  
Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_

SHOOTING RECORD

Size casing	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Primary tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Secondary tools were used from total depth feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

DATES

\_\_\_\_\_ 19\_\_\_\_ Put to producing ~~plugged & abandoned~~ \_\_\_\_\_ 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

\_\_\_\_\_, Driller \_\_\_\_\_, Driller  
\_\_\_\_\_, Driller \_\_\_\_\_, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	5		Gyp
5	50		Anhy & Red Bed
50	100		Anhy & Red Bed
100	120		Anhy & Red Bed
120	125		Anhy & Red Bed
125	150		Broken Anhy & Gyp
150	230		Red Bed & Anhy
230	240		Red Bed

Holed plugged back to 127 feet for a waterwell.

