

U. S. LAND OFFICE

Las Cruces

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company The Atlantic Refining Company Address P.O. Box 1978, Roswell, New Mexico  
Lessor or Tract Langlie Federal "B" Field Justis State New Mexico  
Well No. 2 Sec. 14 T. 25-S R. 37-E Meridian N.M.P.M. County Lea  
Location 890 ft. N of N Line and 1980 ft. E of E Line of Sec. 14 Elevation 3132'  
(Derrick floor 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 \_\_\_\_\_

Date May 7, 1963Title Dist. Drilling Supervisor

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

Commenced drilling April 15, 1963 Finished drilling April 29, 1963

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from Blinebry 5114 to 5674 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 None 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—	
<u>8-5/8</u>	<u>24</u>	<u>8-R</u>		<u>933.83'</u>	<u>Guide</u>				<u>Surface</u>
<u>4-1/2</u>	<u>9.5</u>	<u>8-R</u>		<u>5674.97'</u>	<u>Float</u>		<u>5131</u>	<u>38</u>	<u>Oil</u>
							<u>5143</u>	<u>49</u>	
							<u>5153</u>	<u>60</u>	
							<u>5179</u>	<u>83</u>	
							<u>5202</u>	<u>29</u>	

## MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>8-5/8</u>	<u>945.53</u>	<u>520 sx</u>	<u>Pump &amp; Plug</u>		
<u>4-1/2</u>	<u>5674.00</u>	<u>674 sx</u>	<u>" "</u>		

## 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 0 feet to 5674 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## DATES

\_\_\_\_\_May 7\_\_\_\_\_, 1963 Put to producing May 5\_\_\_\_\_, 1963

The production for the first 24 hours was 149 barrels of fluid of which 91% was oil; \_\_\_\_\_%  
emulsion; 8% water; and 1% sediment. Gravity, 37.50 at 60° F.

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
<u>0</u>	<u>900</u>	<u>900</u>	<u>Triassic - Dewey Lake</u>
<u>900</u>	<u>1090</u>	<u>190</u>	<u>Rustler Anhydrite</u>
<u>1090</u>	<u>2255</u>	<u>1165</u>	<u>Salado Salt</u>
<u>2255</u>	<u>2388</u>	<u>133</u>	<u>Cowden Anhydrite</u>
<u>2388</u>	<u>3090</u>	<u>702</u>	<u>Yates</u>
<u>3090</u>	<u>3588</u>	<u>498</u>	<u>Queen</u>
<u>3588</u>	<u>4735</u>	<u>1147</u>	<u>San Andres</u>
<u>4735</u>	<u>5114</u>	<u>379</u>	<u>Glorieta</u>
<u>5114</u>	<u>5674</u>	<u>560</u>	<u>Blinebry</u>

Geologic tops are the same as the tops of above recorded intervals.

**FORMATION RECORD—Continued**

FROM—	TO—	TOTAL FEET	FORMATION

### HISTORY OF OIL OR GAS WELL

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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 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 bailing.

No DST's or cores were taken.