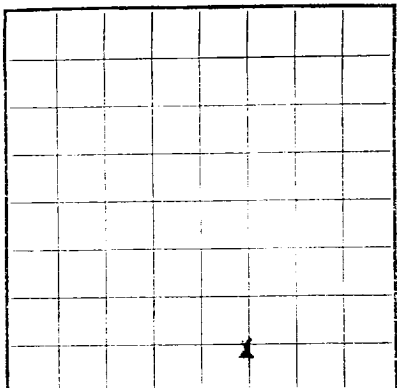


U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 2-060942
LEASE OR PERMIT TO PROSPECT _____



LOCATE WELL CORRECTLY

OCT 18 11 34 AM '63
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company The Atlantic Refining Company Address 1978, Roswell, New Mexico
Lessor or Tract Justis Field Justis State New Mexico
Well No. 2 Sec. 11 T. 25S R. 37E Meridian 10N 1E County Lea
Location 660 ft. N. of Line and 1252 ft. Ex of Line of Section 11 Elevation 3144'
xxx W. (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 October 12, 1963 Title District Drilling Supervisor

The summary on this page is for the condition of the well at above date.
Commenced drilling September 4, 1963 Finished drilling October 2, 1963

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

No. 1, from (S) 3445 to 3592 No. 4, from 5810 to 6012
No. 2, from (S) 4712 to 5095 No. 5, from 6127 to 6129
No. 3, from 5095 to 5810 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—	
<u>8-5/8</u>	<u>24.8</u>	<u>8X</u>		<u>945.26</u>	<u>Guide</u>				<u>Surface</u>
<u>4-1/2</u>	<u>10.58</u>	<u>8X</u>		<u>6115.75</u>	<u>Float</u>		<u>5318</u>	<u>5324</u>	<u>Oil string</u>
							<u>5349</u>	<u>5407</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>957.38</u>	<u>620</u>	<u>Pump & Plug</u>		
<u>4-1/2</u>	<u>6127.95</u>	<u>1286</u>	<u>Pump & Plug</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 6127 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

October 12, 1963 Put to producing October 11, 1963
The production for the first 24 hours was 69 barrels of fluid of which 71.3% was oil; _____% emulsion; 27.0% water; and _____% sediment. Gravity, °Bé. 70
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>relative heavy sand</u>
<u>900</u>	<u>1110</u>	<u>210</u>	<u>harder sandstone</u>
<u>1110</u>	<u>2265</u>	<u>1155</u>	<u>relative sand</u>
<u>2265</u>	<u>2392</u>	<u>126</u>	<u>harder sandstone</u>
<u>2392</u>	<u>3095</u>	<u>703</u>	<u>fine</u>
<u>3095</u>	<u>3592</u>	<u>497</u>	<u>medium</u>
<u>3592</u>	<u>4712</u>	<u>1120</u>	<u>harder sand</u>
<u>4712</u>	<u>5095</u>	<u>383</u>	<u>harder</u>
<u>5095</u>	<u>5810</u>	<u>715</u>	<u>slightly</u>
<u>5810</u>	<u>6012</u>	<u>202</u>	<u>tuff</u>
<u>6012</u>	<u>6129</u>	<u>117</u>	<u>drillers</u>

FORMATION RECORD—Continued

HISTORY OF OIL OR GAS WELL

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.

#1 testing open hole 3907-3908 (depth) 5/26 BC, 1/2" DC, No AC.
Tool open 45 minutes. No evidence of fracture. Estimated gas flow
206 MCFD. recovered 121 MCF. #17777. 2nd test. BEI=100%.
BEI=100%.

Foot of bearing open hole - 92-60cc (red) 5/8" x 1/2" o.d., 10 MC.
Took off stringer at 35 min. had air blow which died in 35 minutes. Recovered
92% of stringer oil & 10% of water. No water. Oil in hole =
173cc. IP=179. DP=317. 30 min. IP=89.