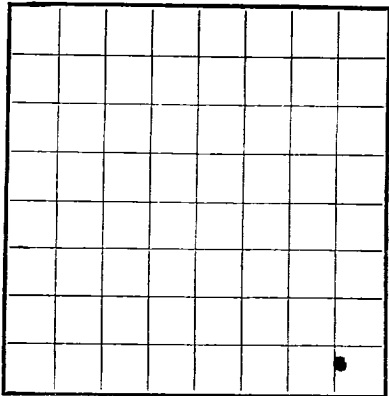




LOCATE WELL CORRECTLY



U. S. LAND OFFICE TALETA, N.M.
SERIAL NUMBER _____
LEASE OR PERMIT TO PROSPECT _____
11-20-60-711

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company The Atlantic Refining Co. Address Box 320, Camper, Wyoming
Lessor or Tract Tribal (Hava) Co Field Horseshoe Gallup State New Mexico
Well No. 27 Sec. 31 T. 24N R. 16W Meridian 11P County San Juan
Location 80 ft. N. of 3 Line and 660 ft. E. of 3 Line of Sec. 31 Elevation 5421 GL
(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 1-9-59 Title District Cler,
The summary on this page is for the condition of the well at above date.

Commenced drilling 1-21-59, 19____ Finished drilling 1-21-59, 19____

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

No. 1, from 1126 to 1146 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—	
<u>8 5/8</u>	<u>21.1</u>	<u>8sd</u>	<u>Mc Mill</u>	<u>92.92</u>	<u>Baker</u>				<u>surface</u>
<u>4 1/2</u>	<u>9.58</u>	<u>8sd</u>	<u>National</u>	<u>1276.18</u>	<u>Baker</u>	<u>2 jets/ft</u>	<u>1106</u>	<u>1146</u>	<u>oil string</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>100.23</u>	<u>115</u>	<u>pump-plug</u>	<u>9.1</u>	
<u>4 1/2</u>	<u>1263.21</u>	<u>150</u>	<u>pump-plug</u>	<u>9.1</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 _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from 0 feet to 1231 feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing _____, 19____
The production for the first 24 hours was _____ barrels of fluid of which 100 % was oil; _____ %
after load oil recovered after fracture treatment
emulsion; _____ % water; and _____ % cement. Gravity, °Bé. 11.0

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>1000</u>		<u>Mancos</u>
<u>1000</u>	<u>1253</u>		<u>Gallup</u>
<u>1253</u>			<u>Juana Lopez</u>
<u>Treated perforations 1126-1146 with 20,000# 10/20 sand and 12,500 gallons lease crude. Average injection pressure 1100# at 36.811.</u>			

