

U. S. LAND OFFICE

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 AZTEC Address 1000 N. 1st St., Phoenix, Ariz.
Lessor or Tract 1/4 Sec. 13, T. 20 N., R. 15 E., Meridian 11N State Ariz.
Well No. 12 Sec. 13 T. 20 R. 15 Meridian 11N County Maricopa
Location 150 ft. N. of 8 Line and 150 ft. E. of 13 Line of 13 Elevation 1223
(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 ORIGINAL SIGNED BY JOE C. SALMON

Date October 1, 1959 Title District Superintendent

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

Commenced drilling 12/28, 1958 Finished drilling 10/25, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1562 to 1906 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</u>	<u>3</u>	<u>155</u>	<u>150'</u>	<u>150'</u>	<u>150'</u>	<u>150'</u>	<u>150'</u>	<u>150'</u>
<u>4 1/2</u>	<u>17</u>	<u>3</u>	<u>155</u>	<u>150'</u>	<u>150'</u>	<u>150'</u>	<u>150'</u>	<u>150'</u>	<u>150'</u>
<u>1</u>	<u>17</u>	<u>3</u>	<u>155</u>	<u>150'</u>	<u>150'</u>	<u>150'</u>	<u>150'</u>	<u>150'</u>	<u>150'</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>157'</u>	<u>100</u>	<u>dry-lump</u>	<u>1.25</u>	<u>100</u>
<u>4 1/2</u>	<u>1935'</u>	<u>75</u>	<u>dry-lump</u>	<u>1.25</u>	<u>75</u>
<u>1</u>	<u>1711'</u>	<u>—</u>	<u>—</u>	<u>—</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
<u>2 1/2</u>	<u>150'</u>	<u>150'</u>	<u>150'</u>	<u>150'</u>	<u>150'</u>	<u>150'</u>
<u>2 1/2</u>	<u>150'</u>	<u>150'</u>	<u>150'</u>	<u>150'</u>	<u>150'</u>	<u>150'</u>
<u>2 1/2</u>	<u>150'</u>	<u>150'</u>	<u>150'</u>	<u>150'</u>	<u>150'</u>	<u>150'</u>

TOOLS USED

Rotary tools were used from _____ feet to 1935 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ 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 _____% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. _____

If gas well, cu. ft. per 24 hours 100-3775 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 622

EMPLOYEES

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>127</u>	<u>127</u>	<u>Surface</u>
<u>127</u>	<u>677</u>	<u>550</u>	<u>Shale and Sand</u>
<u>677</u>	<u>1073</u>	<u>396</u>	<u>Shale and Sand</u>
<u>1073</u>	<u>1311</u>	<u>308</u>	<u>Shale and Sand</u>
<u>1311</u>	<u>1503</u>	<u>127</u>	<u>Shale and Sand</u>
<u>1503</u>	<u>1935</u>	<u>127</u>	<u>Shale and Sand</u>

10-43094-4

