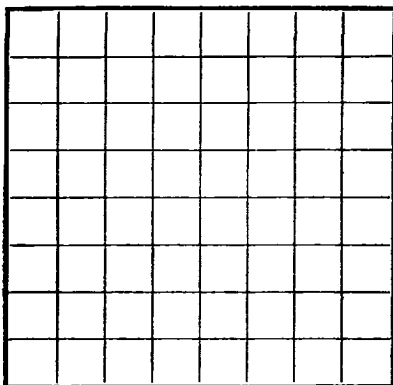


U. S. LAND OFFICE Santa Fe

SERIAL NUMBER 0-78132

LEASE OR PERMIT TO PROSPECT -----



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Pan American Petroleum Corporation Address Box 487, Farmington, New Mexico
 Lessor or Tract A. L. Elliott "C" Field Blanco-Pictured State New Mexico
 Well No. 2 Sec. 15 T. 29N R. 9W Meridian N.M.P.M. County San Juan
 Location 1620 ft. {N. of S. Line and 1160 ft. {E. of E. Line of Section 15 Elevation 6003
(Derive box relation to sec. line)

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 August 13, 1957

Title ⁵ Field Clerk

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

Commenced drilling July 16, 19 57 Finished drilling August 1, 19 57

OIL OR GAS SANDS OR ZONES

(Denote aa s by G)

No. 1, from 2520 to 2572 G - No. 4, from 2572 G to 2624 G

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

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	251'	150 sacks	Halliburton	2 Plug	
5-1/2	2649'	250 sacks	Halliburton	2 Plug	

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material _____ Size _____

SHOOTING RECORD

[illegible]

TOOLS USED

Rotary tools were used from 0 feet to 2655 feet, and from _____ feet to _____ feet

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

DATES

August 1 1957 Put to producing Shut in 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 3,400,000 Gallons gasoline per 1,000 cu. ft. of gas _____

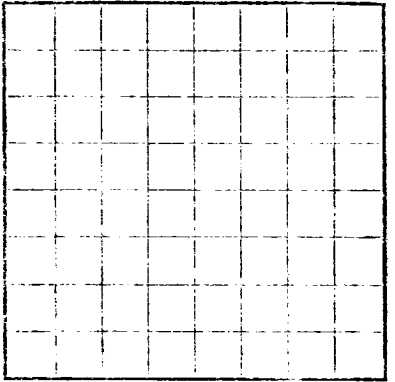
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

U.S. Land Office, Santa Fe, New Mexico
Serial Number 2-2572
License or Permit to Prospect

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL



LOCATE WELL CORRECTLY

Company Pan American Petroleum Corporation
Lessor or Tract A. I. Elliott "C"
Well No. 2 Sec. 15 T. 24 N. R. 24 E. Meridian
Location 1630 ft. N. of S. Line and 1160 ft. W. of E. Line of Section 15
The information given herewith is a complete and correct record of the well and all work done thereon
as far as can be determined from all available records.
Signed _____
Date August 13, 1957
Title Field Clerk

The summary on this page is for the condition of the well at above date.
Completed drilling July 16, 1957 Finished drilling August 1, 1957

Inflection rate 32 barrels per foot per 24 hours at 157 3/4 ft. from surface.
water and 70,000 pounds sand. Formation broke at 2300 pounds pressure.
per foot. Four shots per foot. 2520-68. No sand water. Tracked with 20,000 gallons
270 gallons acid on bottom but failed to breakdown formation at 50 pressure. Re-
The following formations were perforated with four shots per foot: 2520-2572. Spotted
No. 3 from 20 ft. from surface.
with no drop in pressure.
50 sacks of cement. After waiting on cement for two days, casing was tested and held
four, and none-half inch casing was set at 2640. With 200 sacks of cement, followed by
No. 3 from 20 ft. from surface.

water shut off were tested with 500 pounds pressure for 15 minutes with no drop in
at 2571. With 150 sacks of cement. After waiting on cement for 24 hours, casing and
The well was spaced on July 16, 1957, and on July 17, 1957, 8 1/2" casing was set
8-5/8 22.7 BWT Almac SAS Guide
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 the 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 plugs or bridges were put in to restrict water, state kind of material used, position, and results of pumping or burning.

HISTORY OF OIL OR GAS WELL

MUDDING AND CEMENTING RECORD					
Casing size	Water	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8 22.7	2571	150 sacks	Halliburton's Pig		
8-5/8 22.7	2572	250 sacks	Halliburton's Pig		

PLUGS AND ADAPTERS

Adapter-Material	Heavy plug-Material	Length	Depth set

SHOOTING RECORD

Size	Depth 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 _____ feet to _____ feet and from _____ feet to _____ feet
--	---

DATES

The production for the first 24 hours was _____ barrels of fluid of which _____ was oil. _____
Gravity _____
Gallons produced per 1000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____
If gas well, cu. ft. per 24 hours _____