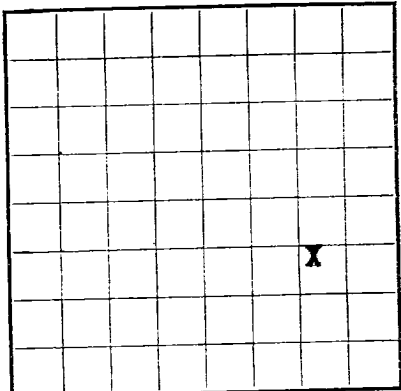


Form -330

U. S. LAND OFFICE New Mexico
SERIAL NUMBER 11772
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

JUN 11 1959

LOG OF OIL OR GAS WELL

Company Pan American Petroleum Corporation Address Box 487, Farmington, New Mexico
Lesser or Tract J. W. Adlin "ET" Field Horseshoe Gallup State New Mexico
Well No. 1 Sec. 14 T. 30N R. 16W Meridian N.M.P.M. County San Juan
Location 1980 ft. N. of 3 Line and 895 ft. W. of 3 Line of Section 14 (Elevation 5373)
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.

ORIGINAL SIGNED BY

Signed M. Bauer, Jr.

Title Area Engineer

Date June 10, 1959

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

Commenced drilling May 12, 1959 Finished drilling May 23, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3613 to 3633 No. 4, from _____ to _____
No. 2, from 3712 to 3744 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>22.7</u>	<u>5/8</u>	<u>National</u>	<u>2859</u>	<u>Guide</u>				<u>Oil String</u>
<u>5-1/2"</u>	<u>14</u>	<u>8RT</u>	<u>National</u>	<u>3859</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>215'</u>	<u>160 sacks cement</u>	<u>Halliburton</u>	<u>No. 1 plug</u>	
<u>5-1/2"</u>	<u>3847'</u>	<u>140 sacks cement</u>	<u>Halliburton</u>	<u>No. 2 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 _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from 0 feet to 3850 feet, and from _____ feet to _____ feet

DATES

Completed as pumping oil well _____ Date first new oil produced: June 2, 1959
Horseshoe Gallup Field
The production for the first 24 hours was _____ barrels of fluid of which 59 % was oil; _____ %
emulsion; _____ % water; and _____ % sediment. 113 Gravity, °Bé. 99.8

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Potential test June 5, 1959 pumped 60 barrels oil in 14 hours, 14-36" strokes per minute
Rock pressure, lbs. per sq. in. _____
with 1-1/4" pump. Gas oil ratio not yet available.

EMPLOYEES

_____, Driller
T. J. Bush _____, Driller
R. L. Ledlow _____, Driller
A. Y. Old _____, Driller
Orval Cash _____

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>1020</u>	<u>1020</u>	<u>Surface sands, coal and shales.</u>
<u>1020</u>	<u>1945</u>	<u>925</u>	<u>Menefee shale.</u>
<u>1945</u>	<u>2290</u>	<u>345</u>	<u>Joint Lookout sands & shales.</u>
<u>2290</u>	<u>3340</u>	<u>1050</u>	<u>Mancos shale.</u>
<u>3340</u>	<u>3565</u>	<u>225</u>	<u>Gallup sands & shales.</u>
<u>3565</u>	<u>3707</u>	<u>142</u>	<u>Verde Gallup sand.</u>
<u>3707</u>	<u>3850</u>	<u>143</u>	<u>Horseshoe Gallup sand.</u>
			<u>(Tops from E log)</u>

This image shows a single sheet of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

OF AFRICAN LITERATURE

References

URGENT 10/22/62

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.

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