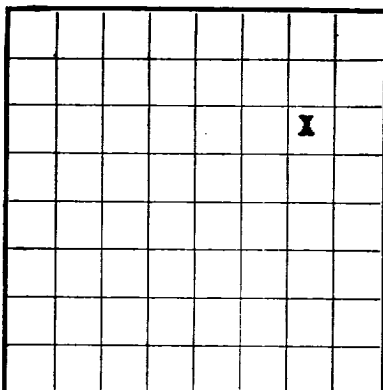
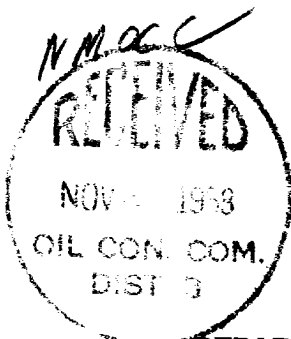




LOCATE WELL CORRECTLY

Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.U. S. LAND OFFICE New MexicoSERIAL NUMBER 04419

LEASE OR PERMIT TO PROSPECT

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 Joseph W. Aidlin "A" Field Horseshoe Gallup State New Mexico
Well No. 2 Sec. 10 T. 30N R. 16W Meridian N.M.P.M. County San Juan
Location 1900 ft. (N) of N Line and 710 ft. (W) of E Line of Section 10 Elevation 5489
(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 [Signature] Title Field Engineer
Date November 3, 1958

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

Commenced drilling October 15, 1958 Finished drilling October 22, 1958

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1900 to 1910 No. 4, from 1910 to 1920

No. 2, from 1910 to 1920 No. 5, from 1920 to 1930

No. 3, from 1920 to 1930 No. 6, from 1930 to 1940

IMPORTANT WATER SANDS

No. 1, from 1900 to 1910 No. 3, from 1920 to 1930

No. 2, from 1910 to 1920 No. 4, from 1930 to 1940

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated	Purpose
8-5/8"	22.7	4	Slip Joint Arrows	200	Guide			Surface
4-1/2"	17.4	4	Slip Joint Arrows	170	Slip			Oil
HISTORY OF OIL OR GAS METE								

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	216	160 sacks cement	B. J. Service No. 1 plug.		
4-1/2"	1740	167 sacks cement	B. J. Service No. 2 plug.		

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 1740 feet, and from _____ feet to _____ feet

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

DATES

Completed as pumping oil well, Horseshoe Gallup Field, 1958 Put to producing _____, 1958

November 1, 1958 The production pump first barrels was in 6 hours. Date first flow into tanks. November 1, 1958

emulsion; _____% water; and _____% sediment. Gravity, °Bé. 40.1

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

George L. Hollowell _____, Driller A. Y. Old _____, Driller

C. W. Flemmons _____, Driller V. C. Sarter _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	220	220	Point Lookout sands & shales.
220	1258	1038	Mances shale.
1258	1485	227	Gallup sands & shales.
1485	1590	105	Gallup pay sandstone.
1590	1740	150	Horseshoe Gallup Sandstone.

[OVER]

FORMATION RECORD—Continued

8200 5704
MOS MOS 110
6.125

[illegible]

LOCATE WELL CORRECTLY

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.

4-17-28 casting was set at 1760, with 117 sacks of cement followed by 50 sacks of neat cement. Casting and setting of water barrier bands with 3000 pounds pressure

10 minutes, which held up the press in the morning.

16. 1958, 2 1/2" coating was set at 216° with 160 weeks cement. After setting on cement, coating and water spray will be completed with 400 pounds pressure for 30

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED
DATE 08-01-2001 BY 60322 UCBAW

with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if 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 or charges used, and, if possible, state kind of material used, position, and results of dumping or burning of debris.

U.S. GOVERNMENT PRINTING OFFICE

PLUGS AND ADAPTERS

SHOOTING RECORD

TOOL USED

Rotary tools were used from	feet to	feet, and from	feet to
1740			

Cable tools were used from		to		and from		to	
1991							

Completed as planned on 10-11-58 Put to producing	Completed as planned on 10-11-58 Put to producing
---	---

emulsion; and _____		_____ sediment.
		320
Gravity, °Be _____		92.8

-----	It gas well	cur. ft. per 24 hours	-----	Gallons gasoline per 1,000 cu. ft. of gas
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EMPLOYEES	Rock bridge, lbs. per sq. in.

Driller	George J. Hollowell
Driller	
Driller	

C. W. Thompson	FORMATION RECORD	J. C. Davidson
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NOTES

(OVER)

~~SECRET~~

—01—

WORK