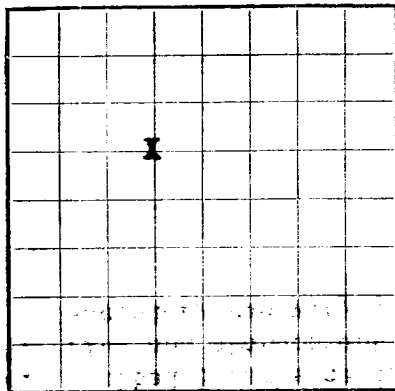


U. S. LAND OFFICE New Mexico  
SERIAL NUMBER NM 04443  
LEASE OR PERMIT TO PROSPECT  
G. J. Hoover "E"



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**LOG OF OIL OR GAS WELL**

LOCATE WELL CORRECTLY

Company PAN AMERICAN PETROLEUM CORPORATION Address Box 480, Farmington, New Mexico  
Lessor or Tract O. J. Hoover "E" Field Horseshoe Gallup State New Mexico  
Well No. 5 Sec. 15 T. 30-NR. 16-W Meridian N.M.P.M. County San Juan  
Location 1980 ft. N of N Line and 1980 ft. E of W Line of Section 15 Elevation 5485 (RDB)  
(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 R. M. Bauer Title Area Engineer

Date July 19, 1960

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

Commenced drilling May 24, 19 60 Finished drilling May 27, 19 60

**OIL OR GAS SANDS OR ZONES**

(Denote gas by G)

No. 1, from None to \_\_\_\_\_ 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>22.7</u>	<u>Slip Joint</u>	<u>Armed</u>	<u>85</u>	<u>Guide</u>				<u>Surface</u>
<u>5-1/2"</u>	<u>14</u>	<u>ERT</u>	<u>J-55</u>	<u>1748'</u>	<u>Guide</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>95'</u>	<u>80 sacks of cement</u>	<u>B.J. Service 1 Plug</u>		
<u>5-1/2"</u>	<u>1748'</u>	<u>130 sacks of cement</u>	<u>B.J. Service 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 0 feet to 1750 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

well plugged and abandoned July 14, 1960 as a result of not obtaining oil in commercial quantities. Put to producing Plugged and abandoned July 14, 1960  
The production for the first 24 hours was None barrels of fluid of which \_\_\_\_\_% was oil; \_\_\_\_\_% emulsion; \_\_\_\_\_% water; and \_\_\_\_\_% sediment. Gravity, °Bé. \_\_\_\_\_

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

Rock pressure, lbs. per sq. in. \_\_\_\_\_

**EMPLOYEES**

A. Y. Old \_\_\_\_\_, Driller V. F. McKee \_\_\_\_\_, Driller  
D. L. Riley \_\_\_\_\_, Driller J. A. Walter \_\_\_\_\_, Driller

**FORMATION RECORD**

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>265</u>	<u>265</u>	<u>Surface sands and shales.</u>
<u>265</u>	<u>1358</u>	<u>1093</u>	<u>Mancos shale.</u>
<u>1358</u>	<u>1550</u>	<u>192</u>	<u>Gallup sands and shales.</u>
<u>1550</u>	<u>1750</u>	<u>200</u>	<u>Verde Gallup sands and shales.</u>
			<u>(Tops from E. Log)</u>

FOLD MARK

