


LOCATE WELL CORRECTLY

Budget Bureau No. 42-R355.4  
Approval expires 12-31-60.

U. S. LAND OFFICE New Mexico  
SERIAL NUMBER NM 04443  
LEASE OR PERMIT TO PROSPECT \_\_\_\_\_

OIL COMPANY  
JAN 26 1959  
DIST. 3  
UNITED STATES

DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

RECEIVED

JAN 23 1959

U. S. GEOLOGICAL SURVEY  
NEW MEXICO

## LOG OF OIL OR GAS WELL

Company Pan American Petroleum Corporation Address Box 487, Farmington, New Mexico  
 Lessor or Tract O. J. Hoover "B" Field Horseshoe-Gallup State New Mexico  
 Well No. 5 Sec. 11 T. 30N R. 16W Meridian N.M.P.M. County San Juan  
 Location 2120 ft. <sup>[N.]</sup><sub>[S.]</sub> of 3 Line and 1830 ft. <sup>[E.]</sup><sub>[W.]</sub> of W Line of Section 11 Elevation 5440  
(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. Mc. Bues, Jr.  
 Date January 21, 1959 Title Field Engineer

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

Commenced drilling December 21, 1958 Finished drilling December 29, 1958

### OIL OR GAS SANDS OR ZONES

*(Denote gas by G)*

No. 1, from 1938 to 1961 No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 2, from 1832 to 1868 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 22.7</u>		<u>3J</u>	<u>Arasco</u>	<u>199</u>	<u>Guide</u>				<u>Surface</u>
<u>5-1/2 14</u>		<u>ERT</u>	<u>National 2031</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>215</u>	<u>160 sacks</u>	<u>Halliburton 2 Plug</u>		
<u>5-1/2"</u>	<u>2027</u>	<u>170 sacks</u>	<u>Halliburton 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 2030 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, 19\_\_\_\_  
 Put to producing January 18, 1959 First new oil to tanks: \_\_\_\_\_, 19\_\_\_\_  
 The production for the first 24 hours was 165 barrels of fluid of which 99.8% was oil; 59%  
 emulsion; \_\_\_\_\_% water; and .2% sediment. Gravity, °Bé. 40.10 API  
 If gas well, cu. ft. per 24 hours \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_  
 Rock pressure, lbs. per sq. in. \_\_\_\_\_

### EMPLOYEES

Pumping 19-48" strokes per minute with 1-1/2" pump. Gas-oil ratio not yet available.  
T. J. Beck, Driller A. Y. Old, Driller  
C. W. Flemmons, Driller V. C. Sartor, Driller

### FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
<u>0</u>	<u>510</u>	<u>510</u>	<u>Surface sands &amp; shales.</u>
<u>510</u>	<u>1600</u>	<u>1090</u>	<u>Mancos</u>
<u>1600</u>	<u>1795</u>	<u>195</u>	<u>Verde Gallup</u>
<u>1795</u>	<u>1938</u>	<u>143</u>	<u>Verde Gallup Pay</u>
<u>1938</u>	<u>2030</u>	<u>92</u>	<u>Horseshoe Gallup Pay</u>
			(Tops from E log)

FOLD MARK

