




UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**LOG OF OIL OR GAS WELL**

LOCATE WELL CORRECTLY

Company Pan American Petroleum Corporation Address P.O. Box 480, Farmington, New Mexico  
 Lessor or Tract Jicarilla Apache "A" LIS Field Cavilan Pictured Cliffs State New Mexico  
 Well No. 4 Sec. 36 T. 26N R. 3E Meridian N.M.P.M. County Rio Arriba  
 Location 1190 ft. [S.] of N Line and 990 ft. [W.] of E Line of Section 36 Elevation 7499  
(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 \_\_\_\_\_  
 Date July 31, 1962 Title Petroleum Engineer

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

Commenced drilling April 15, 1962 Finished drilling April 20, 1962

**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—	
<del>8-5/8"</del>	<del>22.7</del>	<del>8</del>	<del>AMCO</del>	<del>200</del>	<del>Circle</del>				<del>Oil String</del>
<u>4-1/2"</u>	<u>9.5</u>	<u>8BT</u>	<u>CP&amp;I</u>	<u>4055</u>	<u>Circle</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>212</u>	<u>125</u>	<u>Halliburton 1 Plug</u>		
<u>4-1/2</u>	<u>4054</u>	<u>225</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 4050 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

**DATES**

Well shut in. To be plugged and abandoned May 21, 1962 Put to producing \_\_\_\_\_, 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 91 MCF Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_

Rock pressure, lbs. per sq. in. 310 (OFT)

**EMPLOYEES**

James Smith, Driller Stilke Priddy, Driller  
Gene Sandifer, Driller R. D. Davis, Driller

**FORMATION RECORD**

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>212</u>	<u>212</u>	<u>Surface sand and shale.</u>
<u>212</u>	<u>2358</u>	<u>2146</u>	<u>Animas sand and shale.</u>
<u>2358</u>	<u>2606</u>	<u>248</u>	<u>Ojo Alamo sand and shale.</u>
<u>2606</u>	<u>3532</u>	<u>926</u>	<u>Kirtland sand and shale.</u>
<u>3532</u>	<u>3913</u>	<u>381</u>	<u>Fruitland sand and shale.</u>
<u>3913</u>	<u>3975</u>	<u>62</u>	<u>Pictured Cliffs sand and shale.</u>
<u>3975</u>	<u>4050</u>	<u>75</u>	<u>Lewis shale.</u>

FOLD MARK