

LOCATE WELL CORRECTLY

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

U. S. LAND OFFICE **Santa Fe**  
SERIAL NUMBER **SF 078200**  
LEASE OR PERMIT TO PROSPECT

**RECEIVED**  
JUL 31 1958  
OIL CON. COM.  
DISTRICT STATES

DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**RECEIVED**  
JUL 30 1958  
U. S. GEOLOGICAL SURVEY  
FARMINGTON, NEW MEXICO

## LOG OF OIL OR GAS WELL

Company ~~Pan American Petroleum Corporation~~ Address Box 487, Farmington, New Mexico  
 Lessor or Tract W. H. Riddle Field Blanco-Pictured Cliffs State New Mexico  
 Well No. 2 Sec. 24 T. 30N R. 10W Meridian N.M.P.M. County San Juan  
 Location 1450 ft. S. of N. Line and 790 ft. E. of W. Line of Section 24 Elevation 6278  
(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.  
 ORIGINAL SIGNED BY  
 Signed L. O. Speer, Jr.

Date July 28, 1958 Title Field Superintendent

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

Commenced drilling July 11 Finished drilling July 16, 1958

### OIL OR GAS SANDS OR ZONES

No. 1, from 2900 to 2948 (0) 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>293</u>	<u>11</u>	<u>Halliburton</u>	<u>225 sacks</u>	<u>Plug</u>				<u>Surface</u>
<u>5-1/2</u>	<u>298</u>	<u>11</u>	<u>Halliburton</u>	<u>625 sacks</u>	<u>Plug</u>				<u>Oil saving</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>293</u>	<u>225 sacks</u>	<u>Halliburton No. 2 Plug.</u>		
<u>5-1/2</u>	<u>298</u>	<u>625 sacks</u>	<u>Halliburton 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 \_\_\_\_\_ feet to 2992 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

### DATES

Completed as shut in Blanco-Pictured Cliffs Field Shut in for pipeline connection  
Development Gas Well July 19, 1958 Put to producing July 19, 1958

Preliminary test for 1490 6278 feet Subs Measurements 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. 3,490,000 (Shut in casing pressure 7 days)  
970 EMPLOYEES

\_\_\_\_\_, Driller \_\_\_\_\_, Driller  
E. E. Estes, Driller J. D. Coleman, Driller  
F. J. Back, Driller T. G. Priddy, Driller

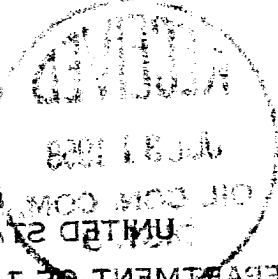
### FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>1592</u>	<u>1592</u>	<u>Surface sand &amp; shale &amp; Animos shale.</u>
<u>1592</u>	<u>1750</u>	<u>158</u>	<u>Ojo Alamo sandstone.</u>
<u>1750</u>	<u>2553</u>	<u>803</u>	<u>Kirtland-Farmington sand &amp; shale.</u>
<u>2553</u>	<u>2894</u>	<u>341</u>	<u>Fruitland sands, shales &amp; coals.</u>
<u>2894</u>	<u>2992</u>	<u>98</u>	<u>Pictured Cliffs sandstone.</u>

(Tops from E Logs)

AT THE END OF COMPLETE LOG, ADD GEOLOGIC TOPS. STATE WHETHER FROM EL OR SAMPLES.

DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
RECEIVED  
JUL 10 1958



Grid for well location: LOCATE WELL CORRECTLY

# LOG OF OIL OR GAS WELL

Company Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
Lesson or Trade: \_\_\_\_\_  
Well No.: \_\_\_\_\_  
Location: \_\_\_\_\_  
The information given herewith is a complete and correct record of the well and all work done thereon as far as can be determined from all available records.

Summary of well condition: \_\_\_\_\_  
The summary on this page is for the condition of the well as above described.  
Log No. 1: \_\_\_\_\_  
Log No. 2: \_\_\_\_\_  
Log No. 3: \_\_\_\_\_

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Log No. 2: \_\_\_\_\_  
Log No. 3: \_\_\_\_\_

Log No. 4: \_\_\_\_\_  
Log No. 5: \_\_\_\_\_  
Log No. 6: \_\_\_\_\_

Log No. 7: \_\_\_\_\_  
Log No. 8: \_\_\_\_\_  
Log No. 9: \_\_\_\_\_

## HISTORY OF OIL OR GAS WELL

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 "checked" or left in the well, give its size and location. If the well has been dynamited, give date, position, and number of shots. If pidge or bridges were put in to rest for water, state kind of material used, position, and results of pumping or being.

Table with 5 columns: Date, Description, Quantity, Depth, Remarks

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FORMATION RECORD—Continued