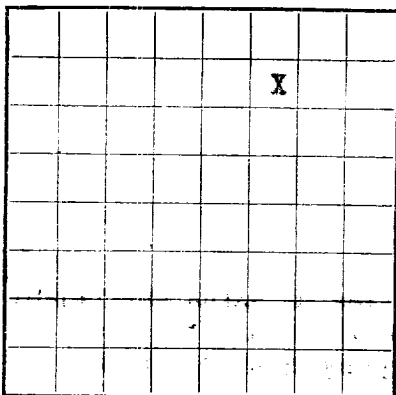




LOCATE WELL CORRECTLY

U. S. LAND OFFICE **Ute Mountain Tribal**SERIAL NUMBER **14-20-60-88**

LEASE OR PERMIT TO PROSPECT

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

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 **Ute Mountain Tribal "C"** Field **Verde Gallup** State **New Mexico**Well No. **4** Sec. **34** T. **31N** R. **15W** Meridian **N.M.P.M.** County **San Juan**Location **290** ft. **S** of **W** Line and **1750** ft. **E** of **E** Line of **Section 34** Elevation **5531**
(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

ORIGINAL SIGNED BY
R. M. Bauer, Jr.Date **October 29, 1959**Title **Area Engineer**

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

Commenced drilling **February 17**, 19 **59** Finished drilling **February 25**, 19 **59**

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—	
8-5/8"	22.7	Slip Joint	Ameco	206	Guide				Surface
5-1/2"	14	8RT	J-55	3492	Guide				Oil string

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	218	160 sacks cement	B. J. Service 1 plug		
5-1/2"	3478	425 sacks cement	Baker 2-stage		

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 **3481** feet, and from feet to feet

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

Well temporarily abandoned

DATES

by installing valve on wellhead, **October 21**, 19 **59** Put to producing **Did not obtain commercial production**, 19emulsion; % water; and % sediment. **none** barrels of fluid of which % was oil; %

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

Cotton Gipson, Driller**J. D. Coleman**, Driller**T. C. Friday**, Driller**H. D. Davis**, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	218	218	Surface sands & shales.
218	645	427	Lewis shale.
645	2055	1410	Mesaverde sands, shales & coals.
2055	3086	1031	Mancos shale.
3086	3336	250	Gallup sands & shales.
3336	3481	145	Verde Gallup sands & shales.
			(Tops from E log)

