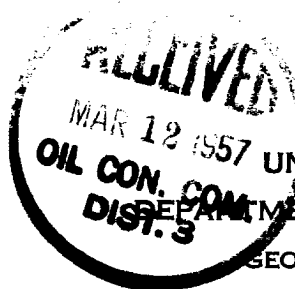


U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **069723**
LEASE OR PERMIT TO PROSPECT _____



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **PAN AMERICAN PETROLEUM CORPORATION** Address _____
Lessor or Tract **GALLEGO CANYON UNIT** Field **Pictured Cliffs** State **New Mexico**
Well No. **79** Sec. **20** T. **23N** R. **10W** Meridian **10N** County **San Juan**
Location **1450** ft. **S.** of **N.** Line and **990** ft. **W.** of **E.** Line of **Section 20** Elevation **5621**
(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 *L. J. [Signature]*

Date **March 4, 1957** Title **Field Superintendent**

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

Commenced drilling **May 18**, 19**56** Finished drilling **May 23**, 19**56**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **1560** to **1580 (small show gas)** 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 **1550** to **1630** 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—	
9-5/8"	32.36	4	100	100	Guide				Surface
5-1/2"	16.7	4	100	1637	100				Oil string

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8"	101	100	Halliburton		
5-1/2"	1637	75	Halliburton—two plug		

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 **1637** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

May 29, 19**56** Put to producing **PXA**, 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 **77,000** Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. **Not taken**

EMPLOYEES

A. Y. Old, Driller **J. Morrel**, Driller
Orval Cook, Driller **J. C. Hughes**, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	210	210	Surface sand and shale.
210	310	100	Ojo Alamo sand and shale.
310	1280	970	Kirtland sand & shale, Farmington Sand.
1280	1550	270	Fruitland shale & coal.
1550	1630	80	Pictured Cliffs sand & shale.

