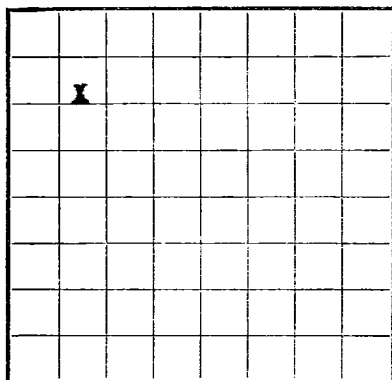




LOCATE WELL CORRECTLY

U. S. LAND OFFICE New Mexico
SERIAL NUMBER NM-035624
LEASE OR PERMIT TO PROSPECT _____

LOG OF OIL OR GAS WELL

Company Pan American Petroleum Corporation Address P.O. Box 480, Farmington, New MexicoLessor or Tract McGrady Gas Unit Field Basin Dakota State New MexicoWell No. 1 Sec. 14 T. 27N R. 12W Meridian N.M.P.M. County San JuanLocation 790 ft. N of N Line and 990 ft. E of W Line of Section 14 Elevation 5947
(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.

Fred L. Nabors, District Engineer

Signed _____

Date September 26, 1963Title ORIGINAL SIGNED BY
F. L. HOLLINGSWORTH

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

Commenced drilling August 13, 1963 Finished drilling August 26, 1963

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 6128 to 6138 (G) No. 4, from _____ to _____
No. 2, from 6179 to 6189 (G) 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>10.5#</u>	<u>8</u>	<u>J-55</u>	<u>6314</u>	<u>Guide</u>	<u>6128</u>	<u>6138</u>	<u>Oil String</u>	
<u>4-1/2"</u>	<u>10.5#</u>	<u>8</u>	<u>J-55</u>	<u>6314</u>	<u>Guide</u>	<u>6179</u>	<u>6189</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>356</u>	<u>200</u>	<u>Halliburton</u>	<u>1 Plug</u>	
<u>4-1/2"</u>	<u>6277</u>	<u>750</u>	<u>Halliburton</u>	<u>2 Stage</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 _____ feet, and from _____ feet to _____ feet

DATES

Completed as shut in Gas well _____ Put to producing _____, 19____

September 16 63 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 _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 2506

1925 (EMPLOYEES)

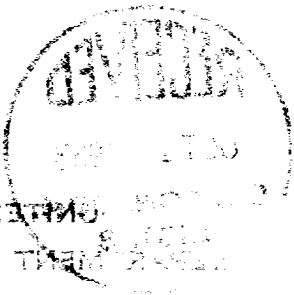
_____, Driller _____, Driller

Ira Elles, Driller Jim Speaker, DrillerEarl Babcock

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1520	1520	Surface Sand and Shale
1520	1710	190	Pictured Cliffs
1710	2403	693	Lords Shale
2403	4268	1865	Mesa Verde Group
4268	5097	829	Mancos Shale
5097	5496	399	Gallup Sand and Shale
5496	5928	432	Mancos Shale
5928	5995	67	Greenhorn Shale
5995	6050	55	Graneros Shale
6050	6096	46	Graneros Dakota
6096	6170	74	Main Dakota
6170	6277	107	Lower Dakota

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
WASHINGTON, D.C. 20240



U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
WASHINGTON, D.C. 20240

LOG OF OIL OR GAS WELL

Company name, location, well name, etc. This information is a complete and correct record of the well and all work done thereon. The information is determined from all available records. Signed: [Signature]

OIL OR GAS SANDS OR ZONES

From	To	Remarks
10.0	10.5	
10.5	11.0	
11.0	11.5	

IMPORTANT WATER SANDS

From	To	Remarks
11.5	12.0	
12.0	12.5	

CASING RECORD

Casing size	Depth	Remarks
10.0	10.0	
10.5	10.5	
11.0	11.0	

HISTORY OF OIL OR GAS WELL

Date	Event
10/1/63	Well completed
10/2/63	Well tested

MUDDING AND CEMENTING RECORD

Depth	Material	Remarks
10.0	Cement	
10.5	Mud	
11.0	Cement	

PLUGS AND ADAPTERS

Depth	Material	Remarks
11.5	Plug	
12.0	Adapter	

SHOOTING RECORD

Depth	Explosive	Remarks
12.5	Explosive	
13.0	Explosive	

TOOLS USED

Tool	Depth	Remarks
Drill	12.5	
Bit	13.0	

DATES

Date	Event
10/1/63	Well completed
10/2/63	Well tested

FORMATION ON RECORD

From	To	Formation
0	10.0	Surface sand and shale
10.0	10.5	Shale
10.5	11.0	Shale
11.0	11.5	Shale
11.5	12.0	Shale
12.0	12.5	Shale
12.5	13.0	Shale
13.0	13.5	Shale
13.5	14.0	Shale
14.0	14.5	Shale
14.5	15.0	Shale
15.0	15.5	Shale
15.5	16.0	Shale
16.0	16.5	Shale
16.5	17.0	Shale
17.0	17.5	Shale
17.5	18.0	Shale
18.0	18.5	Shale
18.5	19.0	Shale
19.0	19.5	Shale
19.5	20.0	Shale