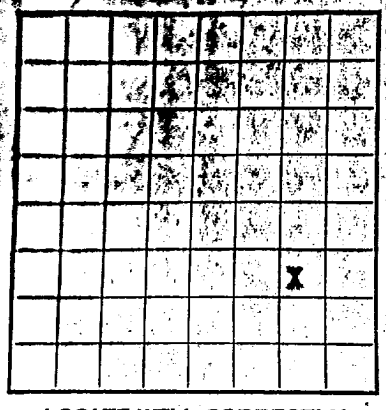

LOCATE WELL CORRECTLY

RECEIVED
JUN 17 1958
OIL CON. COM.
DIST. 3

Budget Bureau No. 42-R-355.2
Approval expires 12-31-55.

U. S. LAND OFFICE Navajo Tribal
SERIAL NUMBER I-69-IND-58
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
JUN 18 1958
U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

# LOG OF OIL OR GAS WELL

Company Pan American Petroleum Corporation Address Box 487, Farmington, New Mexico

Lessor or Tract U30 Section 19 Field Hogback-Pennsylvanian State New Mexico

Well No. 17 Sec. 19 T. 29N R. 16W Meridian N.M.P.M. County San Juan

Location 1850 ft. {N./S.} of S Line and 790 ft. {E./W.} of E Line of Section 19 Elevation 5104 (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 June 16, 1958 Title Field Superintendent

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

Commenced drilling February 3, 19 57 Finished drilling December 24, 19 57

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 6396 to 6426 G
No. 2, from 6530 to 6570 G
No. 3, from 6643 to 6659
No. 4, from 6936 to 7036 G
No. 5, from to
No. 6, from to

## IMPORTANT WATER SANDS

No. 1, from to
No. 2, from to
No. 3, 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 From— | Perforated To— | Purpose |
|---|---|---|---|---|---|---|---|---|---|
| 13-3/8 | 35.6 | Slip Joint | Armco | 237 | Guide | | | | Surface |
| 9-5/8 | 32.3 | 8RT | National | 2157 | Guide | | | | Intermediate |
| 7 | 20 | 8RT | National | 5645 | Guide | | | | Oil String |
| 5 | 15 | 8RT | CMI | 1558 | Guide | | | | Liner |

## MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|---|---|---|---|---|---|
| 13-3/8 | 2[illegible] | 250 sacks | Halliburton 2 Plug | | |
| 9-5/8 | 21[illegible] | 625 sacks | Halliburton 2 Plug | | |
| 7 | 56[illegible] | 475 sacks | Halliburton 2 Plug | | |
| 5 | 70[illegible] | 210 sacks | Halliburton 2 Plug | | |

## PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set

Adapters—Material Size

FOLD | MARK