

U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **07890**
LEASE OR PERMIT TO PROSPECT
FEB 12 1959
GEOLOGICAL SURVEY
NEW MEXICO

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **Pen American Petroleum Corporation** Address **San Hill, Farmington, New Mexico**
Lessor or Tract **Gallup Dakota** Field **Undesignated** State **New Mexico**
Well No. **2** T. Sec. **24** R. **12W** Meridian **N. 10. P. M.** County **Santa Fe**
Location **990** ft. S. of **1** Line and **500** ft. W. of **2** Line of **Section 24** Elevation **5927**
(Denote flow 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 **R. M. Bauer, Jr.** Title **Field Engineer**
Date **February 10, 1959**

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

Commenced drilling **November 22**, 19**58** Finished drilling **December 15**, 19**58**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **523** to **523** No. 4, from **523** to **523**
No. 2, from **600** to **600** No. 5, from **600** to **600**
No. 3, from **600** to **600** No. 6, from **600** to **600**

IMPORTANT WATER SANDS

No. 1, from **523** to **523** No. 3, from **523** to **523**
No. 2, from **600** to **600** No. 4, from **600** to **600**

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated	Purpose
9-5/8"	32.3	8RT	National	514	Guide			Surface
7"	26	8RT	National	575	Guide			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"	523	500 sacks	Halliburton No. 2 plug.		
7"	6343	575 sacks	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 **6343** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Dually completed in the Undesignated Gallup Put to production oil to tanks Gallup 19**59**
and Undesignated Dakota Field February 6

The **February 6** for the first 24 **59** hours was _____ barrels of fluid of which _____% was oil; _____%
emulsion; _____% water; and _____% sediment. Gravity, °Bé. **99.8**

If gas well, cu. ft. per 24 hours **.2** Gallons gasoline per 1,000 cu. ft. of gas **40.8**Rock pressure, lbs. per sq. in. **1,250,000****2050 Shut in tubing pressure Dakota**

_____, Driller **R. D. Davis**, Driller
Cotton Gipston, Driller **J. W. Jernigan**, Driller
M. W. McDonald

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	523	523	Surface sands & shales.
523	1397	874	Kirtland-Farmington sands & shales.
1397	1610	213	Fruitland shale & coal.
1610	1810	200	Pictured Cliffs sand & shale.
1810	3183	1373	Lewis sand & shale.
3183	3283	100	Cliffhouse sand & shale.
3283	4095	812	Manossee shale.
4095	4366	271	Point Lookout sand & shale.
4366	5243	877	Manossee shale.
5243	6033	790	Gallup sand & shale.
6033	6095	62	Greenhorn shale.
6095	6144	49	Graneros shale.
6144	6343	199	Dakota sand.

FROM—

TO—

TOTAL FEET

FORMATION

16-43094-4

FORMATION RECORD—Continued

