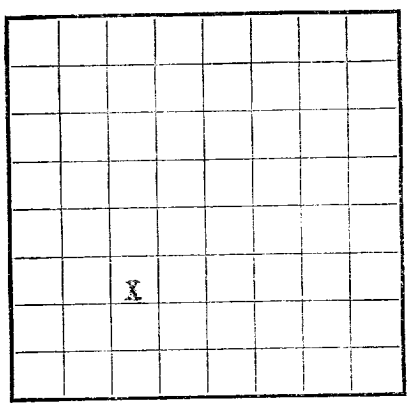
Form 9-330

Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

U. S. LAND OFFICE New Mexico
SERIAL NUMBER NM-020994
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
FEB 6 1963
U. S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

LOG OF OIL OR GAS WELL

Company Pan American Petroleum Corporation Address P. O. Box 480, Farmington, New Mexico
Lessor or Tract Carpenter Gas Unit "B" Field Basin Dakota State New Mexico
Well No. 1 Sec. 25 T. 30N R. 14W Meridian N.M.P.M. County San Juan
Location 1730 ft. {N. / S.} of S Line and 1800 ft. {E. / W.} of W Line of Section 25 Elevation (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

Date February 4, 1963 Title Petroleum Engineer

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

Commenced drilling December 23, 19 62 Finished drilling January 11, 19 63

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5889 to 5901 (G) No. 4, from to
No. 2, from 5789 to 5801 (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 From—	Perforated To—	Purpose
8-5/8"	22.7#	8J	Armco	345	Guide				Surface
4-1/2"	10.5	8-RT	J-55	6045	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"	345	210	Circulated w/Halliburton		
4-1/2"	6016	225	2 Plug - B.J.		

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 6021 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

DATES

Completed as Shut in Well

January 29, 19 63 Put to producing January 29, 19 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, MCF/cu. ft. per 24 hours 1374 Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. 1600 (PTC)

EMPLOYEES

Louis Eisman, Driller Cheyenne Johnson, Driller
Jack Auten, Driller Dale Steinbeck, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1194	1194	Kirtland-Fruitland and Surface Sand and Shale
1194	1304	110	Pictured Cliffs Sand
1304	2190	886	Lewis Shale
2190	3983	1793	Mesaverde Sand and Shale
3983	4923	940	Mancos Shale
4923	5278	355	Gallup Sand and Shale
5278	5674	396	Mancos Shale
5674	5738	64	Greenhorn Shale
5738	5789	51	Graneros Shale
5789	5801	12	Graneros Dakota Pay Sand
5801	5889	88	Dakota Shale and Sand
5889	5901	12	Main Dakota Pay Sand
5901	6021	120	Dakota Sand and Shale

FOLD | MARK

(OVER)

16—43094-4

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

HISTORY OF OIL OR GAS WELL

16—48094-2 U. S. GOVERNMENT PRINTING OFFICE

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked", or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.