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

Form 9-330

U. S. Land Office ...anta ...
Serial Number ...F 078019
Lease or Permit to Prospect ...
... ...ipkin

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company Pan American Petroleum Corporation Address Box 480, Farmington, New Mexico

Lessor or Tract ... ... Pipkin Field Basin Dakota State New Mexico

Well No. 2 Sec. 1 T. 27-N R. 11-W Meridian N.M.P.M. County San Juan

Location 1070 ft. {N./S.} of S Line and 1650 ft. {E./W.} of W Line of Section 1 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. To be reported later.

Signed ...

Date January 10, 1961 Title Senior Petroleum Engineer

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

Commenced drilling January 2, 1961 Finished drilling January 6, 1961

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from none to ... 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 ... 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"	20	8V	J-55	382	Guide				Surface

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	392	250 sacks of cement	... Service ... 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 2992 feet, and from ... feet to ... feet

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

DATES

Plugged and abandoned
January 7, 19 61 Put to producing Plugged and abandoned January 7, 19 61

To re... well as ... Pipkin 8-...

The production for the first 24 hours was none barrels of fluid of which ...% was oil; ...% emulsion; ...% water; and ...% sediment. Gravity, °Bé. ...

If gas well, cu. ft. per 24 hours none Gallons gasoline per 1,000 cu. ft. of gas ...

Rock pressure, lbs. per sq. in. ...

EMPLOYEES

J. ... Hinkley, Driller ... ...ary, Driller

...a Lockhart, Driller John ... ..., Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	680	680	Surface sands and shales.
680	700	20	Ojo Alamo sand.
700	1670	970	Kirtland and Fruitland shales, sands, and coals.
1670	1760	90	Pictured Cliffs sand.
1760	2992	1232	Lewis shale.
			(Above formation sequence estimated from correlation with nearby wells and sample interpretation.)

16—43094-5

FOLD MARK

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

HISTORY OF OIL OR GAS WELL

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.

T. . Pipkin No. 8 was spudded January 2, 1961. 8-5/8" casing was set at 392' with 250 sacks cement with 2 percent calcium chloride and circulated out 30 sacks. Tested 8-5/8" pipe to 500 psi for 15 minutes with no drop in pressure and reduced hole to 7-7/8" at 392'. On trip at 2992', hit an obstruction at 459' and unable to get below 499'. It was determined that the lower joint of the surface pipe had dropped down the hole as a log showed the bottom of the surface casing at 3[illegible]'.

Well was then plugged and abandoned as follows on January 7, 1961 as a result of the above:

1. Ran drill pipe open ended and unable to get below dropped joint of pipe.
2. Pumped 450 barrels 9.8 pound mud in hole.
3. Mixed additional 50 barrels of 10.5 pound mud to circulate and cover shallow water zone.
4. Spotted 100 sack cement plug containing 2 percent calcium at [illegible]'.
5. Spotted 10 sack cement plug 0-30'.

Location moved 40' west to be drilled as T. . Pipkin No. 8-A.