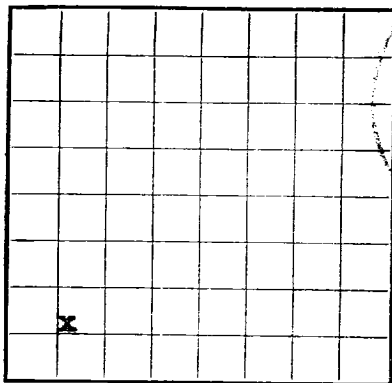




LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER SF-081061
LEASE OR PERMIT TO PROSPECTUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Pan American Petroleum Corporation Address Box 480, Farmington, New Mexico
Lessor or Tract Hare Gas Unit "C" Field Basin Dakota State New Mexico
Well No. 1 Sec. 25 T-29N R-10W Meridian N.M.P.M. County San Juan
Location 800 ft. N. of 5 Line and 990 ft. E. of W. Line of Section 25 Elevation 5577
(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 December 20, 1962Title Petroleum Engineer

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

Commenced drilling November 7, 1962 Finished drilling November 26, 1962

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 6352 to 6362 No. 4, from to
No. 2, from 6406 to 6416 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>22.7#</u>	<u>SJ</u>	<u>Arneo</u>	<u>520</u>	<u>Guide</u>				<u>Surface</u>
<u>4-1/2</u>	<u>16.5#</u>	<u>802</u>	<u>J-55</u>	<u>653</u>	<u>Guide</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>531</u>	<u>300</u>	<u>BJ-1 Plug</u>		
<u>4-1/2</u>	<u>6189</u>	<u>1100</u>	<u>Halliburton 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 0 feet to 6490 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

DATES

....., 19..... Put to producing Completed as Shut in well.
December 18, 1962

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 2237 Gallons gasoline per 1,000 cu. ft. of gasRock pressure, lbs. per sq. in. 1935 (SITE)

EMPLOYEES

....., Driller Gene Sandefer Driller L. F. Nichols
....., Driller James Smith Driller Pete Estes

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>530</u>	<u>530</u>	<u>Surface casing point - Surface Sand and Shale</u>
<u>530</u>	<u>1860</u>	<u>1330</u>	<u>Kirtland and Fruitland Sand and Shale</u>
<u>1860</u>	<u>2000</u>	<u>140</u>	<u>Pictured Cliffs Sand and Shale</u>
<u>2000</u>	<u>3540</u>	<u>1540</u>	<u>Lewis Shale</u>
<u>3540</u>	<u>4523</u>	<u>983</u>	<u>Hosaverde Sand and Shale</u>
<u>4523</u>	<u>5382</u>	<u>859</u>	<u>Mancos Shale</u>
<u>5382</u>	<u>5712</u>	<u>330</u>	<u>Gallup Sand and Shale</u>
<u>5712</u>	<u>6163</u>	<u>451</u>	<u>Mancos Shale</u>
<u>6163</u>	<u>6222</u>	<u>59</u>	<u>Greenhorn Shale</u>
<u>6222</u>	<u>6286</u>	<u>64</u>	<u>Graneros Shale</u>
<u>6286</u>	<u>6342</u>	<u>56</u>	<u>Dakota Sand and Shale</u>
<u>6342</u>	<u>6420</u>	<u>78</u>	<u>Dakota Bay Sand</u>
<u>6420</u>	<u>6490</u>	<u>70</u>	<u>Dakota Sand and Shale</u>

