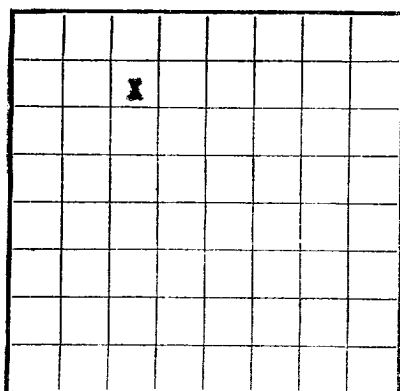




LOCATE WELL CORRECTLY

U. S. LAND OFFICE New Mexico
SERIAL NUMBER 21 02309
LEASE OR PERMIT TO PROSPECT
Johnson Gas Unit #5UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Fan American Petroleum Corporation Address Box 480, Farmington, New Mexico
Lessor or Tract Johnson Gas Unit #5 Field Basin Dakota State New Mexico
Well No. 1 Sec. 7 T. 29N R. 12W Meridian N.M.P.M. County San Juan
Location 930 ft. S. of 1 Line and 1300 ft. E. of 1 Line of Section 7 Elevation 5591 (202)
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.
Date December 15, 1960 Title Area Engineer

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

Commenced drilling November 15, 1960 Finished drilling November 25, 1960

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 6132 to 6128 No. 2, from 6128 to 6124
No. 3, from 6124 to 6120 No. 4, from 6120 to 6116
No. 5, from 6116 to 6112 No. 6, from 6112 to 6108

IMPORTANT WATER SANDS

No. 1, from 6132 to 6128 No. 2, from 6128 to 6124
No. 3, from 6124 to 6120 No. 4, from 6120 to 6116

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>26</u>	<u>8</u>	<u>3-55</u>	<u>6327</u>	<u>Outside</u>	<u>6132</u>	<u>6128</u>	<u>6124</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>357</u>	<u>200 sacks of cement</u>	<u>H. J. Service 1 Plug</u>		
<u>4-1/2"</u>	<u>6302</u>	<u>525 sacks of cement</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 6302 feet, and from _____ feet to _____ feet

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

Completed December 11, 1960 as shut-in DATES Shut-in for pipeline connectionBasin Dakota Field Development Well. Put to producing December 11, 1960

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

If gas well, 11 ft. per 24 hours 5272 Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. Potential test will be filed on Sundry Notices when available.

EMPLOYEES

R. C. Cary, Driller John D. Roe, DrillerCharles Lockhart, Driller J. C. Brinkley, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>1300</u>	<u>1300</u>	<u>Surface sand and shale, including the Animas and Kirtland-Farmington sands and shales.</u>
<u>1300</u>	<u>1554</u>	<u>254</u>	<u>Fruitland sand, shale and coal.</u>
<u>1554</u>	<u>1781</u>	<u>227</u>	<u>Pictured Cliffs sand and shale.</u>
<u>1781</u>	<u>3110</u>	<u>329</u>	<u>Lewis shale and sand.</u>
<u>3110</u>	<u>3235</u>	<u>125</u>	<u>Cliffhouse sand.</u>
<u>3235</u>	<u>3964</u>	<u>729</u>	<u>Manefee shale, sand and coal.</u>
<u>3964</u>	<u>4288</u>	<u>324</u>	<u>Point Lookout sand and shale.</u>
<u>4288</u>	<u>5211</u>	<u>923</u>	<u>Mancos shale.</u>
<u>5211</u>	<u>5963</u>	<u>752</u>	<u>Gallup shale and sand.</u>
<u>5963</u>	<u>6012</u>	<u>49</u>	<u>Greenhorn shale.</u>
<u>6012</u>	<u>6061</u>	<u>49</u>	<u>Granger shale.</u>
<u>6061</u>	<u>6132</u>	<u>71</u>	<u>Dakota shale and sand.</u>
<u>6132</u>	<u>6302</u>	<u>170</u>	<u>Dakota pay sand and shale.</u>

PLEASE ON PERMIT TO PROSPECT
SERIAL NUMBER
U. S. LAND OFFICE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCALITY: JERSEY, NEW JERSEY

Completed as part in South Dakota field development well numbered 11, 1950. 43 hours
 spent in drilling pressure 2000 psi, and spent in testing pressure 2000 psi. Preliminary
 test 5272 KWHr.

[illegible]

The summary of this case is set forth in the caption of this report.

[illegible]

IMPORTANT WATER SANDS

at 3571 with 200 sacks cement containing 22 gallons oil-solids. Circulated 15
at 3571 with 200 sacks cement containing 22 gallons oil-solids. Circulated 15
sacks cement. After waiting on cement, tested casing with 500 psi for 30 minutes,
after held with no indication of pressure drop. Reduced rate to 2-7/8" at 3571.
and resumed drilling operations.

Kind of material	Amount	Kind of mine	Out and pulled from	From -	To -	Purpose
It is of the greatest importance to have a complete history of the mine. I leave state in detail the dates of returning, 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 "cracked" or left in the well, give its size and location. If 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.						

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE

[illegible]

FORMATION RECORD—Continued