

Form 9-330

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 7-079596
LEASE OR PERMIT TO PROSPECT
C. M. Morris Gas Unit

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company AMERICAN PETROLEUM CORP. Address 1115 West 1st Avenue, Santa Fe, New Mexico
Lessor or Tract C. M. Morris Gas Unit Field Santa Fe State New Mexico
Well No. 1 Sec. 10 T. 27N R. 10E Meridian 11E County San Juan
Location 1190 ft. S. of N. Line and 1190 ft. E. of 1 Line of Section 10 Elevation 6172 (MSL)
(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. ORIGINAL SIGNED BY
Signed R. M. Bauer, Jr.

Date January 20, 1960 Title Area Engineer
The summary on this page is for the condition of the well at above date.
Commenced drilling December 14, 1959 Finished drilling December 27, 1959.

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 6566 to 6572 No. 4, from _____ to _____
No. 2, from 6566 to 6568 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>9-5/8" 133</u>	<u>8.2</u>	<u>8</u>	<u>API</u>	<u>227</u>	<u>11-1/2" 110</u>	<u>11-1/2" 110</u>			<u>Oil String</u>
<u>4-1/2" 9.5</u>	<u>8.2</u>	<u>8</u>	<u>API</u>	<u>180</u>	<u>4-1/2" 110</u>	<u>4-1/2" 110</u>			<u>Oil String</u>
<u>4-1/4" 11.6</u>	<u>8.2</u>	<u>8</u>	<u>API</u>	<u>180</u>	<u>4-1/4" 110</u>	<u>4-1/4" 110</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>7-5/8" 236</u>		<u>120 sacks of cement</u>	<u>Calibration - 1 plug</u>		
<u>4-1/2" 6677</u>		<u>750 sacks of cement</u>	<u>Calibration - 2 tags</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 _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Completed at well in gas fields near Santa Fe, 1959
Put to producing for pipeline connection, 1959
The production for the first 24 hours was _____ barrels of fluid of which _____ % was oil; _____ %
emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. _____
Flow test, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. 1902

EMPLOYEES: casing pressure 5 days.

_____, Driller _____, Driller
_____, Driller John A. Lee, Driller
_____, Driller G. Brinkley

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>1065</u>	<u>1065</u>	<u>Surface sands and shales, including mixed sand and shale.</u>
<u>1065</u>	<u>1210</u>	<u>145</u>	<u>Alamo sand</u>
<u>1210</u>	<u>1885</u>	<u>675</u>	<u>Artland shales and sands, including Farmington sand</u>
<u>1885</u>	<u>2075</u>	<u>190</u>	<u>Artland shales and sands</u>
<u>2075</u>	<u>2110</u>	<u>35</u>	<u>Artland shales and sands</u>
<u>2110</u>	<u>3615</u>	<u>1505</u>	<u>Artland shales and sands</u>
<u>3615</u>	<u>472</u>	<u>1107</u>	<u>Artland shales and sands</u>
<u>472</u>	<u>5595</u>	<u>873</u>	<u>Artland shales and sands</u>
<u>5595</u>	<u>6392</u>	<u>797</u>	<u>Artland shales and sands</u>
<u>6392</u>	<u>6470</u>	<u>78</u>	<u>Artland shales and sands</u>
<u>6470</u>	<u>6502</u>	<u>32</u>	<u>Artland shales and sands</u>
<u>6502</u>	<u>6566</u>	<u>64</u>	<u>Artland shales and sands</u>
<u>6566</u>	<u>6566</u>	<u>118</u>	<u>Artland shales and sands</u>

Potential test 1190-65 flowed 1190 hours through 3/4" choke after 3 hrs.
Absolute open flow potential 1190 RFP.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

If 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 casing was "disfranchised" or left in the well, give its size and location. If the well has been abandoned, give date, position, number of shafts or pipes or brigs were put in to test for water, state kind of material used, position, and result, and pumping or bailing.

HISTORY OF OIL OR GAS WELL

FORMATION RECORD—Continued

NAME : _____