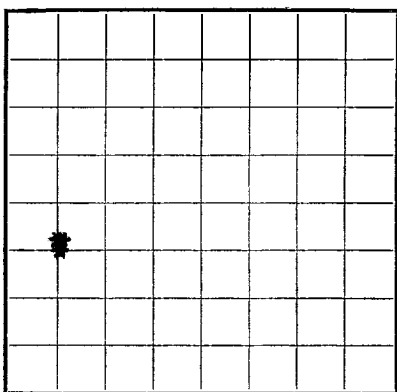




LOCATE WELL CORRECTLY

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Pan American Petroleum Corp. Address Box 68 - Hobbs, New Mexico
Lessor or Tract USA Misco Refineries "F" Field Empire Abo State New Mexico
Well No. 1 Sec. 1 T. 18S R. 27E Meridian NPM County Eddy
Location 1980 ft. N. of S. Line and 660 ft. E. of W Line of Section 1 Elevation 3581 RDB
(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 L. W. BROWN

Date April 23, 1959 Title Field Superintendent

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

Commenced drilling 3-26-, 19 59 Finished drilling 4-20-, 19 59

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 6040 to 6080 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		Purpose
							From—	To—	
<u>8-5/8</u>	<u>24</u>	<u>8</u>	<u>J-55</u>	<u>1468</u>	<u>Float</u>	<u>Surface</u>	<u>6040</u>	<u>6080</u>	<u>Surface</u>
<u>5-1/2</u>	<u>14</u>	<u>8</u>	<u>J-55</u>	<u>6167</u>	<u>Float</u>	<u>6080</u>	<u>6137</u>	<u>6137</u>	<u>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>1470</u>	<u>750</u>	<u>HOWCO</u>		
<u>5-1/2</u>	<u>6137</u>	<u>1000</u>	<u>HOWCO</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 Surface feet to 6137 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Completed April 21 19 59 Put to producing April 20, 19 59
The production for the first 24 hours was 82 barrels of fluid of which 100 was oil; _____%
emulsion; _____% water; and _____% sediment. Gravity, °Bé. 42°
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

B. J. Wright, Driller R. E. Miles, Driller
J. W. Martin, Driller W. F. Tadlock, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>387</u>	<u>387</u>	<u>Red Bed</u>
<u>387</u>	<u>600</u>	<u>213</u>	<u>Red Bed, Anhy.</u>
<u>600</u>	<u>1025</u>	<u>425</u>	<u>Anhy.</u>
<u>1025</u>	<u>1463</u>	<u>438</u>	<u>Anhy., Gyp</u>
<u>1463</u>	<u>1521</u>	<u>58</u>	<u>Anhy., Lime</u>
<u>1521</u>	<u>4809</u>	<u>3288</u>	<u>Lime</u>
<u>4809</u>	<u>4822</u>	<u>13</u>	<u>Lime and Dolomite</u>
<u>4822</u>	<u>4844</u>	<u>22</u>	<u>Dolomite</u>
<u>4844</u>	<u>4911</u>	<u>67</u>	<u>Lime</u>
<u>4911</u>	<u>5557</u>	<u>646</u>	<u>Dolomite, Lime</u>
<u>5557</u>	<u>6137</u>	<u>580</u>	<u>Lime</u>
			TOPS
			<u>San Andres - 1830</u>
			<u>Glorieta - 3220</u>
			<u>Abo Reef - 5460</u>

FORMATION RECORD—Continued

[illegible]

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 pigs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

Well was drilled to a TD of 6137', perforated 6070'-6080' w/ 2 shots per foot and acidized with 500 gallons 15% methyl acid. On test well flowed 82 BO, no water in 24 hrs., (85.3 MCF) gas on 10/64" choke, TPL 735