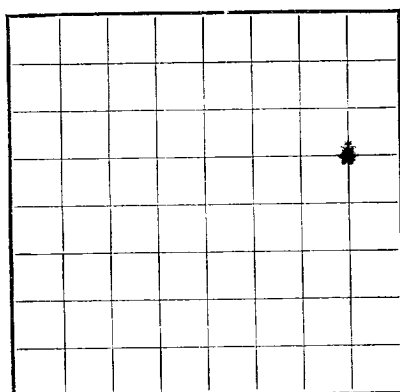


U. S. LAND OFFICE Las Cruces
SERIAL NUMBER LC 029392 (b)
LEASE OR PERMIT TO PROSPECT _____

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO
LOG OF OIL OR GAS WELLCompany ~~Pan American Petroleum Corporation~~ Address Box 68, Hobbs, New Mexico
Lessor or Tract Greenwood Unit Field Undesignated State New Mexico
Well No. 3 Sec. 27 T. 18S R. 31E Meridian N.M.P.M. County Eddy
Location 1984.5 ft. N of N Line and 660 ft. E of E Line of Section 27 Elevation 662 M.B.
(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 Ralph Henderson Title Field Superintendent
Date July 30, 1958

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

Commenced drilling January 13, 1958 Finished drilling July 24, 1958**OIL OR GAS SANDS OR ZONES**

(Denote gas by G)

No. 1, from 12,560 to 12,550 (G) 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>16</u>	<u>42.8</u>	<u>Armed</u>	<u>Armed</u>	<u>670</u>	<u>Float</u>				<u>Surface</u>
<u>10-3/4</u>	<u>45.3</u>	<u>81</u>	<u>8-55</u>	<u>6419</u>	<u>Float</u>				<u>Intermediate</u>
<u>7</u>	<u>26</u>	<u>88</u>	<u>8-80</u>	<u>12928</u>	<u>Float</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>16</u>	<u>691</u>	<u>1500</u>	<u>Howco</u>		
<u>10-3/4</u>	<u>6385</u>	<u>2011</u>	<u>Howco</u>		
<u>7</u>	<u>12858</u>	<u>400</u>	<u>Howco</u>		

PLUGS AND ADAPTERSHeaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____**SHOOTING RECORD**

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USEDRotary tools were used from 0 feet to 12,858 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet**DATES**Completed July 29, 1958 Put to producing July 29, 1958
The production for the first 24 hours was 79 barrels of fluid of which 10% was oil/dis% oil
emulsion; _____% water; and _____% sediment. Gravity, °Bé. 590
If gas well, cu. ft. per 24 hours 1200 MCFPD Gallons gasoline per 1,000 cu. ft. of gas not available
Rock pressure, lbs. per sq. in. 5200**EMPLOYEES**_____, Driller _____ J. C. Fisher _____, Driller
_____, Driller _____ R. H. Coffman _____, Driller
L. E. Dewees**FORMATION RECORD**

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>114</u>	<u>114</u>	<u>Surface sand shells</u>
<u>114</u>	<u>250</u>	<u>136</u>	<u>Surface and red rock</u>
<u>250</u>	<u>529</u>	<u>279</u>	<u>Red bed and shale</u>
<u>529</u>	<u>739</u>	<u>210</u>	<u>Red bed and sand</u>
<u>739</u>	<u>836</u>	<u>97</u>	<u>Anhy., gyp</u>
<u>836</u>	<u>398</u>	<u>62</u>	<u>Anhy., sand</u>
<u>898</u>	<u>1989</u>	<u>1091</u>	<u>Anhy., gyp</u>
<u>1989</u>	<u>2112</u>	<u>123</u>	<u>Anhy., gyp., salt</u>
<u>2112</u>	<u>2170</u>	<u>58</u>	<u>Anhy., gyp.</u>
<u>2170</u>	<u>2374</u>	<u>204</u>	<u>Anhy., lime and gyp.</u>
<u>2374</u>	<u>3080</u>	<u>706</u>	<u>Lime., gyp.</u>
<u>3080</u>	<u>3182</u>	<u>102</u>	<u>Lime</u>
<u>3182</u>	<u>3272</u>	<u>90</u>	<u>Lime, Gyp.</u>
<u>3272</u>	<u>3570</u>	<u>298</u>	<u>Lime</u>
<u>3570</u>	<u>3620</u>	<u>50</u>	<u>Lime and Gyp.</u>
<u>3620</u>	<u>4575</u>	<u>955</u>	<u>Lime</u>
<u>4575</u>	<u>4642</u>	<u>67</u>	<u>Sandy lime</u>
<u>4642</u>	<u>5167</u>	<u>525</u>	<u>Lime</u>
<u>5167</u>	<u>5194</u>	<u>27</u>	<u>Lime and Shale</u>
<u>5194</u>	<u>5315</u>	<u>121</u>	<u>Lime</u>
<u>5315</u>	<u>5370</u>	<u>55</u>	<u>Lime and Shale</u>
<u>5370</u>	<u>6261</u>	<u>891</u>	<u>Lime</u>
<u>6261</u>	<u>6366</u>	<u>105</u>	<u>Lime and Sand</u>
<u>6366</u>	<u>7120</u>	<u>754</u>	<u>Lime</u>
<u>7120</u>	<u>8310</u>	<u>1190</u>	<u>Lime and Shale</u>
<u>8310</u>	<u>8341</u>	<u>31</u>	<u>Sand Lime</u>
<u>8341</u>	<u>8578</u>	<u>237</u>	<u>Lime and Shale</u>

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
8578	8634	56	Lime and sand
8534	8634	100	Lime
8500	8634	66	Sand, lime, shale
8460	8634	60	Sand & lime
8433	8634	175	Lime and chert
8400	8634	160	Lime and sand
8367	8634	418	Lime
8334	8634	14	Lime and shale
8300	8634	34	Lime
8267	8634	67	Lime and shale
8233	8634	115	Sand, lime and chert
8200	8634	96	Lime and chert
8167	8634	322	Lime, sand and shale
8133	8634	398	Lime and shale
8100	8634	32	Sand, lime and shale
8067	8634	22	Lime and shale
8033	8634	65	Lime, sand and shale
8000	8634	315	Lime and shale
7967	8634	113	Lime, shale and chert
7933	8634	98	Lime and shale
7900	8634	4	Lime and chert
7867	8634	27	Lime and shale
7833	8634	133	Lime, chert
7800	8634	19	Lime
7767	8634	166	Lime, shale
7733	8634	116	Lime
7700	8634	78	Lime and dolomite
7667	8634	138	Lime
7634	8634	8634	

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. Formations 12,728' - 12,748' Main 4 shoes per foot, acidized with 2,500 gallons, acid, and not recovered oil or gas in commercial quantity. Set dilute at 12,700' and suggested perforation 12,728' = 12,748' with 150 sacks also set and 10' cap on top tubing. Perforation 12,560' - 12,650' Main 2 shoes per foot, acidized with 3,000 gallons acid.