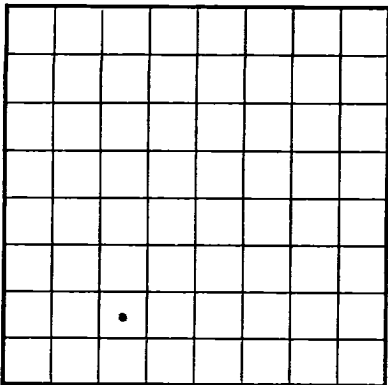




U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078139
LEASE OR PERMIT TO PROSPECT _____
Elliott Gas Unit

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Stanolind Oil and Gas Company Address Box 591, Tulsa, Oklahoma
Lessor or Tract Elliott Gas Unit Field Blanco - La Plata State New Mexico
Well No. D-1 Sec. 9 T. 30-N R. 9-W Meridian NMPM County San Juan
Location 790 ft. N. of 3 Line and 1650 ft. E. of 1 Line of Section 9 Elevation 6202
8x Wx (Barriok 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 [Signature]
Date December 11, 1952 Title Field Superintendent

The summary on this page is for the condition of the well at above date
Commenced drilling October 3, 1952 Finished drilling October 23 1952

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

No. 1, from 2908 to 3020 (G) No. 4, from _____ to _____
No. 2, from 4590 to 5375 (G) No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____
No. 2, from _____ to _____ No. 4, from _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated From	To	Purpose
<u>9-5/8"</u>	<u>32.3</u>	<u>8</u>	<u>Nat'l</u>	<u>248</u>	<u>Guide</u>				
<u>7"</u>	<u>20</u>	<u>8</u>	<u>Smith</u>	<u>4585</u>	<u>Guide</u>				
<u>2"</u>	<u>4.7</u>	<u>8</u>	<u>J & L</u>	<u>5345</u>			<u>5339</u>	<u>5345</u>	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>9-5/8"</u>	<u>262</u>	<u>215</u>	<u>Displacement</u>		
<u>7"</u>	<u>4570</u>	<u>300</u>	<u>Displacement</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
<u>4-1/2"</u>	<u>Tin Torpedo</u>	<u>Hercules slow</u>	<u>1676 qts.</u>	<u>10/24/52</u>	<u>4620-5375</u>	<u>5375</u>
		<u>Detonating</u>				

TOOLS USED

Rotary tools were used from 0 feet to 5375 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

November 1 1952 Put to producing _____ 19_____
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 5,400,000 Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. 1046

EMPLOYEES

D. E. Howard _____, Driller L. E. Cantrell _____, Driller
W. D. Hall _____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>262</u>	<u>262</u>	<u>Surface sand and rocks</u>
<u>262</u>	<u>2908</u>	<u>2646</u>	<u>Sand and shale</u>
<u>2908</u>	<u>3020</u>	<u>122</u>	<u>Sand (T. Pictured Cliffs 2908)</u>
<u>3020</u>	<u>4590</u>	<u>1570</u>	<u>Shale</u>
<u>4590</u>	<u>4792</u>	<u>202</u>	<u>Sand (T. Cliffhouse 4590)</u>
<u>4792</u>	<u>5188</u>	<u>396</u>	<u>Sand and Shale (T. Menefee 4792)</u>
<u>5188</u>	<u>5375</u>	<u>187</u>	<u>Sand (T. Ft. Lookout 5188)</u>

A blank sheet of graph paper with a grid pattern. The grid consists of small squares formed by thin lines. There are no markings or text on the page.

[illegible][illegible]

Well shut in for pipe line connection.

The well was shot from 4600 to 5975 feet open with 1676 quarts of slow detonating explosive, October 24, 1952. Well was cleaned out to total depth with gas and 2" tubing was landed at 5344 feet. Well shut in 148 hours. Shut in casing pressure 1046 psi. After 6 hour blow down well measured 5400 MCF per 24 hours through 2" outlet with pitot tube, November 1, 1952.

Well was spudded at 10:15 P.M., October 3, 1952, and drilled to a depth of 4570 feet with rotary rig. 7 1/2 casing was landed at 4570 feet with 300 sacks of cement. Then well was drilled to a total depth of 5375 feet with rotary rig by using 8 1/2 inch casing from 4570 to 5375 feet.

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 balling.

HISTORY OF OIL OR GAS WELL

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