

NOTED

HOBBES

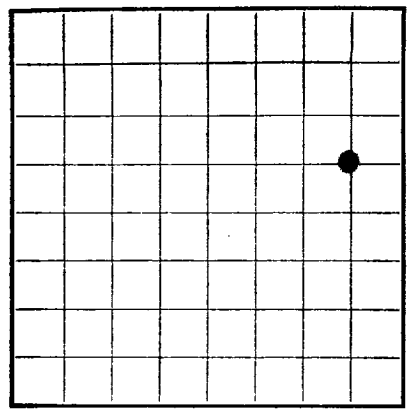
FEB 6 1961

Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

Form 9-330

U. S. LAND OFFICE New Mexico
SERIAL NUMBER 12 031849
LEASE OR PERMIT TO PROSPECT _____

GORDON



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Parther City Investment Company Address Box 1178 Monahans, Texas
Lessor or Tract Perry-Federal Field Pedern (Delaware) State New Mexico
Well No. 2 Sec. 21 T 25S R. 32E Meridian NPM County Lea
Location 1900 ft. (N) of 1 Line and 660 ft. (W) of 1 Line of Sec 21 Elevation 3018' 17
(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 Alan B. Smith

Date February 6, 1961 Title Asst. Div. Office Manager

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

Commenced drilling January 18, 1961 Finished drilling January 29, 1961

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

No. 1, from 4620' to 4700' No. 4, from _____ to _____
No. 2, from 4720' to 4750' No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from None Detected 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>30.5</u>	<u>3</u>	<u>API</u>	<u>100</u>	<u>API</u>	<u>4620' to 4638'</u>			<u>Production</u>
<u>6-5/8</u>	<u>22.5</u>	<u>3</u>	<u>API</u>	<u>100</u>	<u>API</u>	<u>4638' to 4647'</u>			<u>Production</u>
<u>4-1/2</u>	<u>17.5</u>	<u>3</u>	<u>API</u>	<u>100</u>	<u>API</u>	<u>4647' to 4651'</u>			<u>Production</u>
<u>2-3/8</u>	<u>8.5</u>	<u>3</u>	<u>API</u>	<u>100</u>	<u>API</u>	<u>4651' to 4663'</u>			<u>Production</u>
HISTORY OF CUT OF Casing									
Casing perforations: <u>(4638' to 4638')</u> <u>(4640' to 4647')</u> <u>(4651' to 4663')</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>392.55</u>	<u>35</u>	<u>FLP</u>	<u>16.04</u>	<u>Hole Full</u>
<u>6-5/8</u>	<u>477.98</u>	<u>150</u>	<u>FLP</u>	<u>13.68</u>	<u>Hole Full</u>
<u>2-3/8</u>	<u>467.74</u>	<u>Swag</u>	<u>water</u>		<u>Hole Full</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>Completed Natural</u>						

TOOLS USED

Rotary tools were used from 0 feet to 4704 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

February 6, 1961 Put to producing February 3, 1961
The production for the first 24 hours was 65.00 barrels of fluid of which 100 % was oil; no %
emulsion; no % water; and no % sediment. Gravity, °Bé. 41.6 at 60 deg.
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

J. G. Hardin, Driller Ray Williams, Driller
O. S. Cross, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>718</u>	<u>718</u>	<u>Sand & Red Bed</u>
<u>718</u>	<u>970</u>	<u>252</u>	<u>Anhydrite & Dolomite</u>
<u>970</u>	<u>1125</u>	<u>153</u>	<u>Shale</u>
<u>1125</u>	<u>2960</u>	<u>1835</u>	<u>Salt</u>
<u>2960</u>	<u>4365</u>	<u>1405</u>	<u>Salt & Anhydrite</u>
<u>4365</u>	<u>4587</u>	<u>222</u>	<u>Anhydrite</u>
<u>4587</u>	<u>4621</u>	<u>34</u>	<u>Black Lime</u>
<u>4621</u>	<u>4700</u>	<u>79</u>	<u>Sand</u>
<u>4700</u>	<u>4720</u>	<u>20</u>	<u>Shale</u>
<u>4720</u>	<u>4724</u>	<u>4</u>	<u>Sand - Total Depth</u>
	<u>4750</u>		<u>Plug Back Total Depth</u>

GEOLOGICAL TOPS

Top Redbed 718'
Top Salt 1125'
Base Salt 4364'
Top Delaware Lime 4587'
Top Delaware Sand 4621'
Top Plug 4632'
Total Depth 4704'
Plug Back Total Depth 4750'

ILLEGIBLE

NOTE: No Core Cut.
No Ball Stem Tests Taken.

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
1230	1220	10	Shale - dark gray
1220	1210	10	Shale - dark gray
1210	1200	10	Shale - dark gray
1200	1190	10	Shale - dark gray
1190	1180	10	Shale - dark gray
1180	1170	10	Shale - dark gray
1170	1160	10	Shale - dark gray
1160	1150	10	Shale - dark gray
1150	1140	10	Shale - dark gray
1140	1130	10	Shale - dark gray
1130	1120	10	Shale - dark gray
1120	1110	10	Shale - dark gray
1110	1100	10	Shale - dark gray
1100	1090	10	Shale - dark gray
1090	1080	10	Shale - dark gray
1080	1070	10	Shale - dark gray
1070	1060	10	Shale - dark gray
1060	1050	10	Shale - dark gray
1050	1040	10	Shale - dark gray
1040	1030	10	Shale - dark gray
1030	1020	10	Shale - dark gray
1020	1010	10	Shale - dark gray
1010	1000	10	Shale - dark gray
1000	990	10	Shale - dark gray
990	980	10	Shale - dark gray
980	970	10	Shale - dark gray
970	960	10	Shale - dark gray
960	950	10	Shale - dark gray
950	940	10	Shale - dark gray
940	930	10	Shale - dark gray
930	920	10	Shale - dark gray
920	910	10	Shale - dark gray
910	900	10	Shale - dark gray
900	890	10	Shale - dark gray
890	880	10	Shale - dark gray
880	870	10	Shale - dark gray
870	860	10	Shale - dark gray
860	850	10	Shale - dark gray
850	840	10	Shale - dark gray
840	830	10	Shale - dark gray
830	820	10	Shale - dark gray
820	810	10	Shale - dark gray
810	800	10	Shale - dark gray
800	790	10	Shale - dark gray
790	780	10	Shale - dark gray
780	770	10	Shale - dark gray
770	760	10	Shale - dark gray
760	750	10	Shale - dark gray
750	740	10	Shale - dark gray
740	730	10	Shale - dark gray
730	720	10	Shale - dark gray
720	710	10	Shale - dark gray
710	700	10	Shale - dark gray
700	690	10	Shale - dark gray
690	680	10	Shale - dark gray
680	670	10	Shale - dark gray
670	660	10	Shale - dark gray
660	650	10	Shale - dark gray
650	640	10	Shale - dark gray
640	630	10	Shale - dark gray
630	620	10	Shale - dark gray
620	610	10	Shale - dark gray
610	600	10	Shale - dark gray
600	590	10	Shale - dark gray
590	580	10	Shale - dark gray
580	570	10	Shale - dark gray
570	560	10	Shale - dark gray
560	550	10	Shale - dark gray
550	540	10	Shale - dark gray
540	530	10	Shale - dark gray
530	520	10	Shale - dark gray
520	510	10	Shale - dark gray
510	500	10	Shale - dark gray
500	490	10	Shale - dark gray
490	480	10	Shale - dark gray
480	470	10	Shale - dark gray
470	460	10	Shale - dark gray
460	450	10	Shale - dark gray
450	440	10	Shale - dark gray
440	430	10	Shale - dark gray
430	420	10	Shale - dark gray
420	410	10	Shale - dark gray
410	400	10	Shale - dark gray
400	390	10	Shale - dark gray
390	380	10	Shale - dark gray
380	370	10	Shale - dark gray
370	360	10	Shale - dark gray
360	350	10	Shale - dark gray
350	340	10	Shale - dark gray
340	330	10	Shale - dark gray
330	320	10	Shale - dark gray
320	310	10	Shale - dark gray
310	300	10	Shale - dark gray
300	290	10	Shale - dark gray
290	280	10	Shale - dark gray
280	270	10	Shale - dark gray
270	260	10	Shale - dark gray
260	250	10	Shale - dark gray
250	240	10	Shale - dark gray
240	230	10	Shale - dark gray
230	220	10	Shale - dark gray
220	210	10	Shale - dark gray
210	200	10	Shale - dark gray
200	190	10	Shale - dark gray
190	180	10	Shale - dark gray
180	170	10	Shale - dark gray
170	160	10	Shale - dark gray
160	150	10	Shale - dark gray
150	140	10	Shale - dark gray
140	130	10	Shale - dark gray
130	120	10	Shale - dark gray
120	110	10	Shale - dark gray
110	100	10	Shale - dark gray
100	90	10	Shale - dark gray
90	80	10	Shale - dark gray
80	70	10	Shale - dark gray
70	60	10	Shale - dark gray
60	50	10	Shale - dark gray
50	40	10	Shale - dark gray
40	30	10	Shale - dark gray
30	20	10	Shale - dark gray
20	10	10	Shale - dark gray
10	0	10	Shale - dark gray

FORMATION RECORD	EMPLOYEES

It was well, on 16, per 24 hours
Gallons gasoline per 1,000 cu. ft. of gas
Gravity, B.S. 100
But to producing 10-15

TOOLS USED
But to producing 10-15
But to producing 10-15

SHOOTING RECORD	Depth shot	Depth cleaned out

PLUGS AND ADAPTERS	Length	Depth set

MUDDING AND CEMENTING RECORD	Number sacks of cement	Method used	Mud gravity	Amount of mud used

HISTORY OF OIL OR GAS WELL	Kind of shoe	Cut and pulled from	Perforated	Purpose

CASING RECORD	Size	Weight per foot	Thickness per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated	Purpose

IMPORTANT WATER SANDS	No. 1 from	No. 2 from

OIL OR GAS SANDS OR ZONES	No. 1 from	No. 2 from	No. 3 from	No. 4 from

Finished drilling January 19, 1911
The summary on this page is for the condition of the well at above date.
This section is for the summary of the well.

LOG OF OIL OR GAS WELL
The information given hereafter is a complete and correct record of the well and all work done thereon.
The information is determined from all available records.

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
UNITED STATES

U.S. DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WASHINGTON, D.C.

