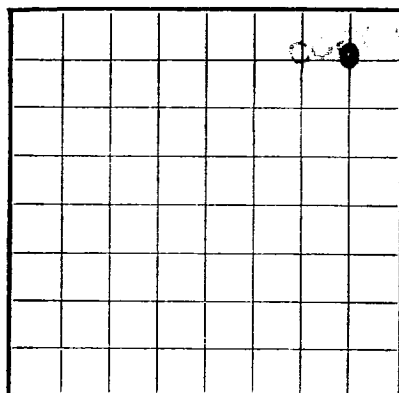




LOCATE WELL CORRECTLY

JAN 23 1961

GORDON

U. S. LAND OFFICE **New Mexico**
SERIAL NUMBER **LC 051869**
LEASE OR PERMIT TO PROSPECTUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **Panther City Investment Company** Address **Box 1178** **Monahans, Texas**
Lessor or Tract **Perry-Federal** Field **Paduca (Delaware)** State **New Mexico**
Well No. **1** Sec. **21** T. **25S** R. **32E** Meridian **NMPM** County **Lea**
Location **660** ft. **N** of **N** Line and **660** ft. **E** of **E** Line of **Section 21** Elevation **3429'** **DF**
(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 **Allen B. Smith**Date **January 23, 1961** Title **Asst. Div. Ofc. Mgr.**

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

Commenced drilling **January 7**, 19**61** Finished drilling **January 17**, 19**61**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **4614'** to **4670'** No. 4, from _____ to _____
No. 2, from **4682'** to **4690'** No. 5, from _____ to _____
No. 3, from **4714'** to **4728'** No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from **None detected** 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—	
8-5/8"	24	8	SAE	375.93	None	None	None	None	Production
4-1/2"	8.36	8	SAE	479.42	None	None	None	None	Production
2-3/8"	4.79	8	SAE	4629.00	None	None	None	None	Production
HYDROX OIL OR GAS WELL									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	389.93	300	P&P	16.0#	Hole Full
4-1/2"	4785.42	150	P&P	14.7#	Hole Full
2-3/8"	4640.00	Swag		Water	Hole Full

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
Completed	Natural					

TOOLS USED

Rotary tools were used from **0** feet to **4790** feet, and from _____ feet to _____ feet

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Put to producing **January 20**, 19**61**The production for the first 24 hours was **129** barrels of fluid of which **100** % was oil; **0** %emulsion; **0** % water; and **0** % sediment. Gravity, °Bé. **41.8 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. E. Cross**, Driller _____, Driller

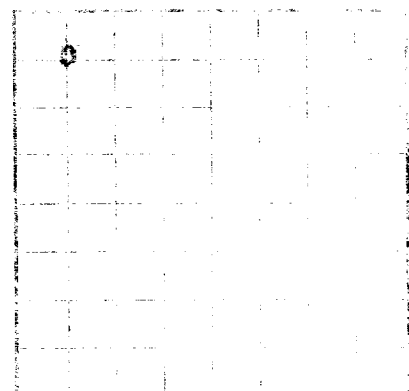
FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0-	768	768	Sand, Gyp & Shale
768	845	77	Anhydrite
845	935	90	Dolomite & Anhydrite
935	1142	207	Shale & Gyp
1142	4349	3207	Shale & Anhydrite
4349	4571	222	Anhydrite
4571	4608	37	Line
4608	4670	62	Sand
4670	4684	14	Shale
4684	4790	106	Shaley Sand - TD
	4757		Plug Back Total Depth
GEOLOGICAL TOPS			
Top Rusler Anhydrite		768'	
Top Salt		1142'	
Base Salt		4349'	
Top Delaware Line		4571'	
Top Delaware Sand		4608'	
Total Depth		4790'	
Plug Back Total Depth		4757'	

NOTE: No cores cut.
No DST's taken.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL



Company: **Continental Oil Company**
Field: **Wichita**
County: **Wichita**
State: **Nebraska**
Section: **11**
Twp: **11S**
R: **11E**
Date: **January 1, 1911**
Drilled by: **Continental Oil Company**
Cased by: **Continental Oil Company**
Produced by: **Continental Oil Company**
This is a log of the well, showing the depth, formation, and other data. It is to be used for the purpose of determining the location of the well and the nature of the formation.

OIL OR GAS SANDS OR ZONES	
From	To
10.0	10.5
10.5	11.0
11.0	11.5
11.5	12.0
12.0	12.5
12.5	13.0
13.0	13.5
13.5	14.0
14.0	14.5
14.5	15.0
15.0	15.5
15.5	16.0
16.0	16.5
16.5	17.0
17.0	17.5
17.5	18.0
18.0	18.5
18.5	19.0
19.0	19.5
19.5	20.0
20.0	20.5
20.5	21.0
21.0	21.5
21.5	22.0
22.0	22.5
22.5	23.0
23.0	23.5
23.5	24.0
24.0	24.5
24.5	25.0
25.0	25.5
25.5	26.0
26.0	26.5
26.5	27.0
27.0	27.5
27.5	28.0
28.0	28.5
28.5	29.0
29.0	29.5
29.5	30.0
30.0	30.5
30.5	31.0
31.0	31.5
31.5	32.0
32.0	32.5
32.5	33.0
33.0	33.5
33.5	34.0
34.0	34.5
34.5	35.0
35.0	35.5
35.5	36.0
36.0	36.5
36.5	37.0
37.0	37.5
37.5	38.0
38.0	38.5
38.5	39.0
39.0	39.5
39.5	40.0
40.0	40.5
40.5	41.0
41.0	41.5
41.5	42.0
42.0	42.5
42.5	43.0
43.0	43.5
43.5	44.0
44.0	44.5
44.5	45.0
45.0	45.5
45.5	46.0
46.0	46.5
46.5	47.0
47.0	47.5
47.5	48.0
48.0	48.5
48.5	49.0
49.0	49.5
49.5	50.0
50.0	50.5
50.5	51.0
51.0	51.5
51.5	52.0
52.0	52.5
52.5	53.0
53.0	53.5
53.5	54.0
54.0	54.5
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55.0	55.5
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56.0	56.5
56.5	57.0
57.0	57.5
57.5	58.0
58.0	58.5
58.5	59.0
59.0	59.5
59.5	60.0
60.0	60.5
60.5	61.0
61.0	61.5
61.5	62.0
62.0	62.5
62.5	63.0
63.0	63.5
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64.0	64.5
64.5	65.0
65.0	65.5
65.5	66.0
66.0	66.5
66.5	67.0
67.0	67.5
67.5	68.0
68.0	68.5
68.5	69.0
69.0	69.5
69.5	70.0
70.0	70.5
70.5	71.0
71.0	71.5
71.5	72.0
72.0	72.5
72.5	73.0
73.0	73.5
73.5	74.0
74.0	74.5
74.5	75.0
75.0	75.5
75.5	76.0
76.0	76.5
76.5	77.0
77.0	77.5
77.5	78.0
78.0	78.5
78.5	79.0
79.0	79.5
79.5	80.0
80.0	80.5
80.5	81.0
81.0	81.5
81.5	82.0
82.0	82.5
82.5	83.0
83.0	83.5
83.5	84.0
84.0	84.5
84.5	85.0
85.0	85.5
85.5	86.0
86.0	86.5
86.5	87.0
87.0	87.5
87.5	88.0
88.0	88.5
88.5	89.0
89.0	89.5
89.5	90.0
90.0	90.5
90.5	91.0
91.0	91.5
91.5	92.0
92.0	92.5
92.5	93.0
93.0	93.5
93.5	94.0
94.0	94.5
94.5	95.0
95.0	95.5
95.5	96.0
96.0	96.5
96.5	97.0
97.0	97.5
97.5	98.0
98.0	98.5
98.5	99.0
99.0	99.5
99.5	100.0

IMPORTANT WATER SANDS	
From	To
10.0	10.5
10.5	11.0
11.0	11.5
11.5	12.0
12.0	12.5
12.5	13.0
13.0	13.5
13.5	14.0
14.0	14.5
14.5	15.0
15.0	15.5
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16.0	16.5
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25.0	25.5
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26.0	26.5
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27.0	27.5
27.5	28.0
28.0	28.5
28.5	29.0
29.0	29.5
29.5	30.0
30.0	30.5
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37.0	37.5
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40.0	40.5
40.5	41.0
41.0	41.5
41.5	42.0
42.0	42.5
42.5	43.0
43.0	43.5
43.5	44.0
44.0	44.5
44.5	45.0
45.0	45.5
45.5	46.0
46.0	46.5
46.5	47.0
47.0	47.5
47.5	48.0
48.0	48.5
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49.0	49.5
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84.5	85.0
85.0	85.5
85.5	86.0
86.0	86.5
86.5	87.0
87.0	87.5
87.5	88.0
88.0	88.5
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96.0	96.5
96.5	97.0
97.0	97.5
97.5	98.0
98.0	98.5
98.5	99.0
99.0	99.5
99.5	100.0

MUDGING AND CEMENTING RECORD					
DATE	WIRE LOG	NUMBER SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
10-10-00	100	100	100	10.0	100
10-10-00	100	100	100	10.0	100
10-10-00	100	100	100	10.0	100