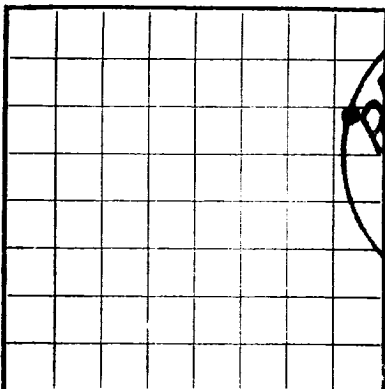


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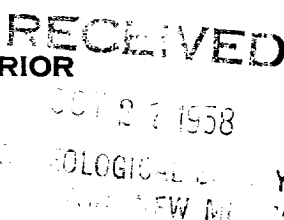
Form 9-330

Budget Bureau No. 42-R-355.3.
Approval expires 12-31-55.



U. S. LAND OFFICE
SERIAL NUMBER
NAVEDO 714-22-400-730

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOG OF OIL OR GAS WELL

729 S. Main Street
Farmington, New Mexico

LOCATE WELL CORRECTLY
Company **PETROGATLAS, INC.**
Lessor or Tract **SECTION 3** Address **SECTION 3**
Well No. **1430** Sec. **3** T. **10N** R. **10W** Meridian **10N** County **10N**
Location ft. **1430** of **10N** Line and **10W** of **10N** Line of **10N** Elevation **3315**
(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
Signed **N. B. COVE** Title **Engineer**
Date **10-17-58**

The summary on this page is for the condition of the well at above date
Commenced drilling **September 30, 1958** Finished drilling **October 4, 1958**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)
No. 1, from **1073** to **1121**
No. 2, from **1156** to **1194**
No. 3, from **1194** to **1247**
No. 4, from **1247** to **1294**
No. 5, from **1294** to **1341**
No. 6, from **1341** to **1388**

IMPORTANT WATER SANDS

No. 1, from **1156** to **1194**
No. 2, from **1194** to **1247**
No. 3, from **1247** to **1294**
No. 4, from **1294** to **1341**

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"	21.7	11 1/2	JOHN DEERE	30	Flare	1073	1121	Production	
5-1/8"	24	8 3/4	JOHN DEERE	1947	Flare	1156	1194	Production	
4-1/2"	24	8 3/4	JOHN DEERE	1194	Flare	1247	1294	Production	
4-1/2"	24	8 3/4	JOHN DEERE	1294	Flare	1341	1388	Production	
4-1/2"	24	8 3/4	JOHN DEERE	1388	Flare	1430	1430	Production	
HISTORICAL COPY OF 1947-1948									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-7/8"	1073	100	Pump	8.90/gal	Constant Circulation
5-1/8"	1156	100	Pump	8.90/gal	Constant Circulation
4-1/2"	1194	100	Pump	8.90/gal	Constant Circulation
4-1/2"	1247	100	Pump	8.90/gal	Constant Circulation
4-1/2"	1294	100	Pump	8.90/gal	Constant Circulation
4-1/2"	1341	100	Pump	8.90/gal	Constant Circulation
4-1/2"	1388	100	Pump	8.90/gal	Constant Circulation

PLUGS AND ADAPTERS

Heaving plug—Material **FRACUREX** Length **10** Depth set **1073**
Adapters—Material **FRACUREX** Size **10**

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
2 1/2"	20-40	Black	40	10/7/58	1073	1073
2 1/2"	20-40	Black	40	10/7/58	1156	1156
2 1/2"	20-40	Black	40	10/7/58	1194	1194
2 1/2"	20-40	Black	40	10/7/58	1247	1247
2 1/2"	20-40	Black	40	10/7/58	1294	1294
2 1/2"	20-40	Black	40	10/7/58	1341	1341
2 1/2"	20-40	Black	40	10/7/58	1388	1388

TOOL LOG

Rotary tools were used from **1073** feet to **1121** feet, and from **1156** feet to **1194** feet
Cable tools were used from **1156** feet to **1194** feet, and from **1194** feet to **1247** feet

DATES

October 10, 1958
Put to producing **1073**

The production for the first 24 hours was **130** barrels of fluid of which **30**% was oil; **70**% emulsion; **0**% water; and **0**% sediment. Gravity, °Bé. **10**

If gas well, cu. ft. per 24 hours **0** Gallons gasoline per 1,000 cu. ft. of gas **0**
Rock pressure, lbs. per sq. in. **0**

EMPLOYEES

1073, Driller **1073**, Driller
1156, Driller **1156**, Driller

FORMATION RECORD

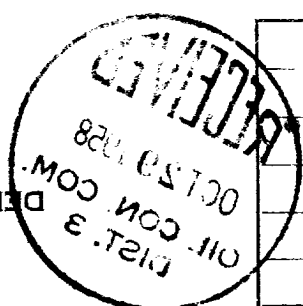
FROM—	TO—	TOTAL FEET	FORMATION
Surface	1247	1247	Shale and Sand
			FORMATION LOG
			Callup 1041'
			Callup (Upper Sand) 1073'
			Callup (Lower Sand) 1156'
			Sancton 1216'

REVIEW

(OVER)

16-43094-3

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOCATE WELL CORRECTLY

Completed drilling _____ 19 _____
Finished drilling _____ 19 _____
The summary on this page is for the condition of the well at above date.

(Dreizehn bis vierzig)

No. 1, from	1881	to	1882	No. 4, from	to
No. 2, from	1882	to	1883	No. 5, from	to
No. 3, from	1883	to	1884	No. 6, from	to

IMPORTANT WATER SANDS

of	from	of	from
of	from	of	from

CASING RECORD

Case No.	Size casing per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated From To	Purpose
100	3 1/2	11	10	10	10	10	10	10

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE 16-50067-2

MUDGING AND CEMENTING RECORD

Size casting	Weight	Number and of cement	Mortar used	Mortar gravity	Amount of mortar used
1 1/2"	1.5	1.5	1.5	1.5	1.5
2"	2.0	2.0	2.0	2.0	2.0
2 1/2"	2.5	2.5	2.5	2.5	2.5
3"	3.0	3.0	3.0	3.0	3.0
3 1/2"	3.5	3.5	3.5	3.5	3.5
4"	4.0	4.0	4.0	4.0	4.0
4 1/2"	4.5	4.5	4.5	4.5	4.5
5"	5.0	5.0	5.0	5.0	5.0
5 1/2"	5.5	5.5	5.5	5.5	5.5
6"	6.0	6.0	6.0	6.0	6.0
6 1/2"	6.5	6.5	6.5	6.5	6.5
7"	7.0	7.0	7.0	7.0	7.0
7 1/2"	7.5	7.5	7.5	7.5	7.5
8"	8.0	8.0	8.0	8.0	8.0
8 1/2"	8.5	8.5	8.5	8.5	8.5
9"	9.0	9.0	9.0	9.0	9.0
9 1/2"	9.5	9.5	9.5	9.5	9.5
10"	10.0	10.0	10.0	10.0	10.0
10 1/2"	10.5	10.5	10.5	10.5	10.5
11"	11.0	11.0	11.0	11.0	11.0
11 1/2"	11.5	11.5	11.5	11.5	11.5
12"	12.0	12.0	12.0	12.0	12.0
12 1/2"	12.5	12.5	12.5	12.5	12.5
13"	13.0	13.0	13.0	13.0	13.0
13 1/2"	13.5	13.5	13.5	13.5	13.5
14"	14.0	14.0	14.0	14.0	14.0
14 1/2"	14.5	14.5	14.5	14.5	14.5
15"	15.0	15.0	15.0	15.0	15.0
15 1/2"	15.5	15.5	15.5	15.5	15.5
16"	16.0	16.0	16.0	16.0	16.0
16 1/2"	16.5	16.5	16.5	16.5	16.5
17"	17.0	17.0	17.0	17.0	17.0
17 1/2"	17.5	17.5	17.5	17.5	17.5
18"	18.0	18.0	18.0	18.0	18.0
18 1/2"	18.5	18.5	18.5	18.5	18.5
19"	19.0	19.0	19.0	19.0	19.0
19 1/2"	19.5	19.5	19.5	19.5	19.5
20"	20.0	20.0	20.0	20.0	20.0
20 1/2"	20.5	20.5	20.5	20.5	20.5
21"	21.0	21.0	21.0	21.0	21.0
21 1/2"	21.5	21.5	21.5	21.5	21.5
22"	22.0	22.0			

PLUGS AND ADAPTERS

Adapters—Material	Size	Length	Depth
Heaving plug—Aluminum			

SHOOTING RECORD

[illegible]

TOOLING

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

DATE

It gas well, cu. ft. per 24 hours	_____	Gallons gasoline per 1,000 cu. ft. of gas	_____
emulsion; _____% water; and _____% sediment.	_____	Gravity, °Bé.	_____
The production for the first 24 hours was _____	_____	barrels of fluid of which _____% was oil; _____%	_____
_____	_____	Put to producing	_____

EMPLOYEES

Driller		
Driller		

FORMATION RECORD

FROM -	TO -	TOTAL FEET	FORMATION
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Line 7	Page 1	Page 1	Page 1
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1441	Calliope	Calliope
1442	(Calliope)	Calliope
1443	(Calliope)	Calliope
1444	Calliope	Calliope