



COMPANY Mull & Moorhead
 ADDRESS Hundred, W. Va.
 Farm Jackson Hostuttle
 TRACT ONE 255 acres
 QUADRANGLE Mannington, N. C.
 COUNTY Wetzel
 DISTRICT Church
 ENGINEER David Weed
 Mannington, W. Va.
 DATE July 29 - 1936
 SCALE, 1 inch = 400 feet.

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL & GAS DIVISION
 Charleston, W. Va.
 WELL LOCATION MAP
 FILE NO.

Wet 131

WEST VIRGINIA DEPARTMENT OF MINES

Oil and Gas Section

PRELIMINARY DATA SHEET NO. 1

File No. _____

Well No. **1**

Null & Moorhead Gas

Company, of **Hundred, West Virginia**

on the **Jackson Hostutler Heirs** Farm

containing **255** acres. Location

Church

District, in **Wetzel**

County, West Virginia.

The surface of the above tract is owned in fee by **Jackson Hostutler Heirs**

of _____ address, and the mineral rights are owned by

Jackson Hostutler Heirs

of

The oil and gas privileges are held under lease by the above named company, and this well is drilled under permit No. **Net-131** issued by the West Virginia Department of Mines, Oil and Gas Section,

August 26, 1936

Elevation of surface at top of well, **1390**

Spirit Barometric.

The number of feet of the different sized casings used in the well.

15

feet

13"

size. Wood conductor

176' - 8"

feet

10"

size, csg.

1559

feet

8 1/2"

sized csg.

2407'

feet

6-5/8"

size, csg.

feet

sized csg.

feet

size, csg.

feet

sized csg.

packer of _____

size, set at _____

packer of _____

size, set at _____

_____ in casing perforated at _____

feet to _____

_____ feet.

_____ in casing perforated at _____

feet to _____

_____ feet.

Coal was encountered at **1055**

feet; thickness **60**

inches, and at **1170**

feet; thickness **84**

inches; and at _____

feet; thickness _____

inches.

Liners were used as follows: (Give details) _____

Lined up to Big Injun Sand with 4"

in three sections of 18-joints (332' - 3"); 14-joints (290' - 10");

and 16-joints (333' - 5")

Date _____

Approved _____

Owner.

By _____

(Title)

Treasurer.

*** OVER ***

Null & Moorhead Gas Company
 Hundred, West Virginia. Address

COMPLETION DATA SHEET
 NO. 2
 FORMATION RECORD

Name	Color	Character	Oil, Gas or Water	Top	Bottom	Thickness	Total Depth	Remarks
Clay	Yellow	Soft		0	16	16		
Slate	White	"		16	100	84		
Lime	"	Hard		100	125	25		
Slate	Dark	Soft		125	200	75		
Lime	White	Hard		200	220	20		
Slate	"	Soft		220	275	55		
Sand	"	Hard		275	320	45		
Red Rock	Red	Soft		320	345	25		
Slate	Dark	"		345	430	85		
Coal & Slate	Black	"		430	432	2		
Lime (gritty)	Light	Hard		432	440	8		
Slate	"	Soft		440	500	60		
Red Rock	Red	"		500	520	20		
Lime	White	Hard		520	560	40		
Red Rock	Red	Soft		560	570	10		
Lime	Light	Hard		570	655	85		
Coal (slaty)	Black	Soft		655	657	2		
Lime (gritty)	Light	Hard		657	690	33		
Slate	Dark	Soft		690	710	20		
Lime	Light	Hard		710	725	15		
Slate	Dark	Soft		725	740	15		
Lime	"	Hard		740	750	10		
Coal (slaty)	"	Soft		750	753	3		
Lime (gritty)	Light	Hard		753	770	17		
Slate	Dark	Soft		770	780	10		
Sand	Light	Hard		780	810	30		
WAYNESBURG								
COAL	Black	Soft		810	812	2		
Slate	Dark	"		812	825	13		
Lime	Light	Hard		825	835	10		
Sand	"	"		835	895	60		
Slate	Dark	Soft		895	910	15		
Lime	Light	Hard		910	950	40		
Red Rock	Red	Soft		950	955	5		
Lime	White	Hard		955	1055	100		
MAPLETOWN								
COAL	Black	Soft		1055	1060	5		
Slate	"	"		1060	1065	5		
Lime	Gray	Hard		1065	1075	10		
Slate	Dark	Soft		1075	1080	5		
Lime	Light	Hard		1080	1150	70		
Slate	Dark	Soft		1150	1170	20		
PITTSBURGH								
COAL	Black	"		1170	1177	7		
Slate (limy)	Dark	"		1177	1200	23		
Lime	Light	Hard		1200	1210	10		

Well was not shot at feet; well was shot at feet.

Salt Fresh water at feet; salt fresh water at feet.

Well was producing hole.
 dry

Approved

Date

Owner

NOTE: All bottom formations must be noted as indicated above and all key-rocks and oil and gas sands must be recorded under their proper geological names in the district as well as any local names commonly used in the district for such strata.

NULL & MOORHEAD GAS Company
 HUNDREDS WEST VIRGINIA Address

COMPLETION DATA SHEET
 NO. 2
 FORMATION RECORD

Name	Color	Character	Oil, Gas or Water	Top	Bottom	Thickness	Total Depth	Remarks
Lime	White	Hard		1225	1250	25		
Slate	Light	Soft		1250	1304	54		
Red Rock	Red	"		1304	1355	51		
Lime	White	Hard		1355	1370	15		
Red Rock	Red	Soft		1370	1385	15		
Slate	Light	"		1385	1420	35		
Lime	"	Hard		1420	1430	10		
Slate	Gray	Soft		1430	1475	45		
Red Rock	Red	"		1475	1490	15		
Slate	Dark	"		1490	1535	45		
Red Rock	Red	"		1535	1540	5		
Lime	Light	Hard		1540	1550	10		
LITTLE DUNKARD	White	"		1550	1655	105		
Slate	Dark	Soft		1655	1668	3		
BIG DUNKARD	White	Hard		1668	1748	80		
Slate	Dark	Soft		1748	1800	52		
GAS SAND	White	Hard		1800	1865	65		
Slate	Dark	Soft		1865	1870	5		
1ST. SALT SAND	White	Hard		1870	1936	66		
Slate	Light	Soft		1936	1985	49		
2ND SALT SAND	White	Hard		1985	2050	65		
Slate	Dark	Soft		2050	2139	89		
3RD. SALT SAND	White	Hard		2139	2220	81		
Slate	Dark	Soft		2220	2244	24		
Red Rock	Red	"		2244	2354	110		
LITTLE LIME	White	Hard		2354	2364	10		
Slate	Dark	Soft		2364	2377	13		
BIG LIME	White	Hard		2377	2450	73		
BIG INJUN	"	"	(Gas at	2450	2680	230		
Slate	Dark	Soft	((2510-2520)	2680	2710	30		
SQUAW SAND	White	Hard		2710	2810	100		
Slate-Shell	Dark	Soft		2810	2980	170		
Sand	Light	Hard		2980	2990	10		
Broken	"	"		2990	3025	35		
Sand	"	"		3025	3037	12		
Slate	Dark	Soft		3037	3075	38		
Lime	White	Hard		3075	3115	40		
Slate	Dark	Soft		3115	3125	10		
SOFT. SAND	Light	Hard		3125	3175	50		
Slate	Dark	Soft		3175	3188	13		

Well was ^{shot} not shot at feet; well was shot at feet.

Salt Fresh water at salt feet; fresh water at feet.

Well was ^{producing} dry hole.

Date

Approved

Owner

NOTE: All bottom formations must be noted as indicated above and all key-rocks and oil and gas sands must be recorded under their proper geological names in the district as well as any local names commonly used in the district for such strata.

NULL & MOORHEADS GAS Company
 HUNDRETI WEST VIRGINIA Address

COMPLETION DATA SHEET
 NO. 2
 FORMATION RECORD

Name	Color	Character	Oil, Gas or Water	Top	Bottom	Thickness	Total Depth	Remarks
30 FT. SAND	White	Hard	(Gas at)	3188	3240	52		
Slate	Dark	Soft	(3215-3221)	3240	3245	5		
GORDON								
STRAY	Light	Hard		3245	3277	32		
Slate	Dark	Soft		3277	3300	23		
Sand	Light	Hard		3300	3305	5		
Red Rock	Red	Soft		3305	3309	4		
GORDON								
SAND	White	Hard		3309	3355	46		
Slate	Dark	Soft		3355	3381	26		
4TH. SAND	White	Hard		3381	3402	21		
Slate	Dark	Soft		3402	3427	25		
5TH. SAND	Light	Hard	(Gas at)	3427	3446	19		
Slate	Dark	Soft	(3427-3429)	3446	3580	134		
BYARD SAND	White	Hard		3580	3586	6		
Slate	Dark	Soft	(Gas at)	3586	3614	28		
			(3581-3582)					
Total Depth.					3614			

Well was ~~not~~ shot at **3215' to 3222'** feet; well was shot at **-** feet.

Salt **-** salt **-**
 Fresh water at **-** feet; fresh water at **-** feet.

Well was ~~producing~~ hole.
 dry

September 15, 1938.

Date

Approved

By

Owner

Secty.

NOTE: All bottom formations must be noted as indicated above and all key-rocks and oil and gas sands must be recorded under their proper geological names in the district as well as any local names commonly used in the district for such strata.

Well completed (First contract) October 30, 1936.

Tubed Oct. 30, 1936, with second hand 2" tubing with Spang Anchor Packer set at

Anchor
19' -
20' -
3' -

Packer--3' 0 9"

Perforations at 3240' to 3237'
3221' to 3201'

Total depth 3240'

Above packer 157 1/2 - joints.

Open flow when completed 6/10 MERCURY in 2" opening.

Shot Oct. 28, 1936 with 30-quarts n/g at 3215' to 3222'

Test after shot - 12/10 MERCURY in 2" opening.

Test after tubing - 50/10 WATER in 2" opening.

Injun gas when tubed had 18/10 WATER in 1" opening.

Completed drilling down Oct. 28, 1937 to a depth of 3614' (See record)

Gas left in well when drilling down began - 30/10 WATER in 1" opening.

Blew down to - 8/10 WATER in 1" opening before 5th. Sand was reached.

Gas in 5th. Sand increased same to - 40/10 WATER in 1" opening.

Blew down to - 25/10 WATER in 1" opening before Byard Sand was reached.

Gas in Byard Sand increased same to - 30/10 WATER in 1" opening.

Lined at completion with 4" as follows

3rd. Section

2nd. Section

1st. Section

22' - 4"	20' - 9"	Per. 20' - 9"
21' - 9"	20' - 2"	Per. 21' - 9"
23' - 7"	Per. 22' -	Blo. -
20' - 9"	Blo. -	21' - 4"
21' - 2"	20' - 9"	11' - 5"
21' - 5"	21' - 11"	18' - 6"
21' - 4"	19' - 5"	21' - 4"
19' - 11"	21' - 2"	21' - 4"
24' - 4"	23' - 10"	21' -
22' - 3"	20' - 9"	20' - 2"
23' - 3"	15' - 4"	Per. 20' - 9"
21' - 5"	20' - 5"	Blo. -
15' - 10"	20' - 7"	17' - 2"
22' -	21' - 4"	16' - 4"
19' - 10"	22' - 5"	14' - 5"
12' - 3"		23' - 4"
		23' - 1"
		21' - 1"
		18' - 1"
		20' - 5"

333' - 5" 290' - 10"

(16-joints) (14-joints)

Connections between and on top of each section

4" X 5-3/16" swage, with 5-3/16" collar (reamed) and 5-3/16" nipple 3 feet long.

4" X 5-3/16" swage about 4 feet long.

352' - 3"

(18-joints)

Permit Number Wet-131

WELL DRILLING PERMIT

(SECTIONS 2 AND 3, CHAPTER 86, ACTS 1929)

Charleston, W. Va.

August 26, 1936
LOCATION AND WELL

To Null and Moorhead Gas Company
WELL OPERATOR

Church District

Hundred, West Virginia
ADDRESS

Wetzel County

Well No. 1

Jackson Hostutler Heirs Farm

WELL DRILLING PERMIT

(SHORT FORM FOR USE WHEN NO OBJECTIONS FILED)

Whereas, the Department of Mines received your Notice and accompanying Plat on the 15th day of August, 1936, showing proposed location for drilling an oil and gas well numbered, and on the farm, and in the County and District above set forth, and

Whereas, ten days have expired since the receipt thereof and no objections have been made by the coal owners or coal operators (if any were notified) to said location, nor found thereto by the Department.

Now, Therefore, the said location is approved and permission is granted you to drill thereat for oil and gas strictly in accordance with the several provisions of this Act, the well to be numbered and located as above shown and more particularly as indicated on said Plat on file with this Department.

This Permit is assignable either by separate instrument, or incident to the transfer of title to the oil and gas, or of the right to drill therefor at said location, but no such assignment shall entitle the assignee to drill thereat until he shall have filed with the Department of Mines a certified, or sworn copy of the instrument assigning same, or as an incident to which such assignment was made.

In case a well is not commenced within four months from the above date this Permit shall thereupon expire and be of no further force or effect.

DEPARTMENT OF MINES

By *K. O. Rhinehart*
Chief of Department.

Jim Allisson



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
CHARLESTON

N. P. RHINEHART
CHIEF

August 26, 1936

Null and Moorhead Gas Company
Hundred, West Virginia

Gentlemen:

Permit Wet-131 to drill Well No. 1 on the Jackson
Hostutler Heirs Farm, Church District, Wetzel County,
is enclosed.

Very truly yours,

M. E. Giffith

OIL AND GAS DIVISION.

MG/g
encl

copy to Inspector Courtney.
lat 39d-41'
long 80d-21'

NOTICE OF PROPOSED LOCATION OF OIL AND GAS WELL
(REQUIRED BY SECTION 2, CHAPTER 86, ACTS 1929)
WEST VIRGINIA DEPARTMENT OF MINES
OIL AND GAS SECTION

To THE DEPARTMENT OF MINES,
Charleston, W. Va.

Ayershire Corporation, Pittsburgh, Pa.

Null & Moorhead Gas Company,

John Frisky Estate, Connellsville, Pa.

Hundred, West Virginia.

B.E. Frock Estate, Uniontown, Pa.

W.D. McGinnis, Connellsville, Pa.

Robert Morris, " "

B.F. Sterling, Uniontown, Pa.

J.C. Van Swearington Est., Uniontown, Pa.

Jackson Hostutler Heirs, Hundred, W. Va.

NAME OF WELL OPERATOR

COMPLETE ADDRESS

August 13, 1936

PROPOSED LOCATION

Church

District

Wetzel

County

1

Well No.

Jackson Hostutler Heirs

Farm

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated

June 29, 1936

Jackson Hostutler Heirs

, made by

Null & Moorhead Gas Company

24th.

, and recorded on the

July 1936

of

Book 314A, page 222 - 224

The enclosed plat was prepared by a competent engineer and shows the proposed location of a well to be drilled for oil and gas by the undersigned well operator on the farm and in the Magisterial District and County above named, determined by survey and courses and distances from two permanent points, or land marks.

The undersigned well operator is informed and believes there are no coal operators operating beds of coal beneath said farm or tract of land on which said well is located, or within 500 feet of the boundaries of the same, who have mapped their workings and filed their maps as required by law, excepting the coal operators (if any) above named as addressees.

The above named coal operators (if any) are notified that any objections they may desire to make to such proposed location, or which they are required to make by Section 3 of said Act, if the drilling of a well at said proposed location will cause a dangerous condition in or about their respective coal mines, must be received by, or filed with the Department of Mines within ten* days from the receipt of a copy of this notice and accompanying plat by said Department. Said coal operators are further notified that forms for use in making such objections will be furnished to them by the Department of Mines promptly on request and that all such objections must set forth as definitely as is reasonably possible the ground or grounds on which such objections are based and indicate the direction and distance the proposed location should be moved to overcome same.

(The next paragraph is to be completed only in Department's copy.)

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above

named coal operators at their above shown respective address day before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

Very truly yours,

Null & Moorhead Gas Co.

WELL OPERATOR

By P. N. Bennett Secy.

Hundred,

STREET

West Virginia.

CITY OR TOWN

STATE

Address of Well Operator }

*Section 3 If no such objections be filed, or be found by the department of mines, within said period of ten days from the receipt of said notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a drilling permit reciting the filing of such plat, that no objections have been made by the coal operators to the location, or found thereto by the department, and that the same is approved and the well operator authorized to proceed to drill at said location.