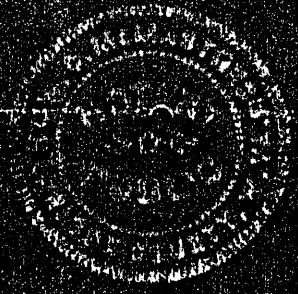
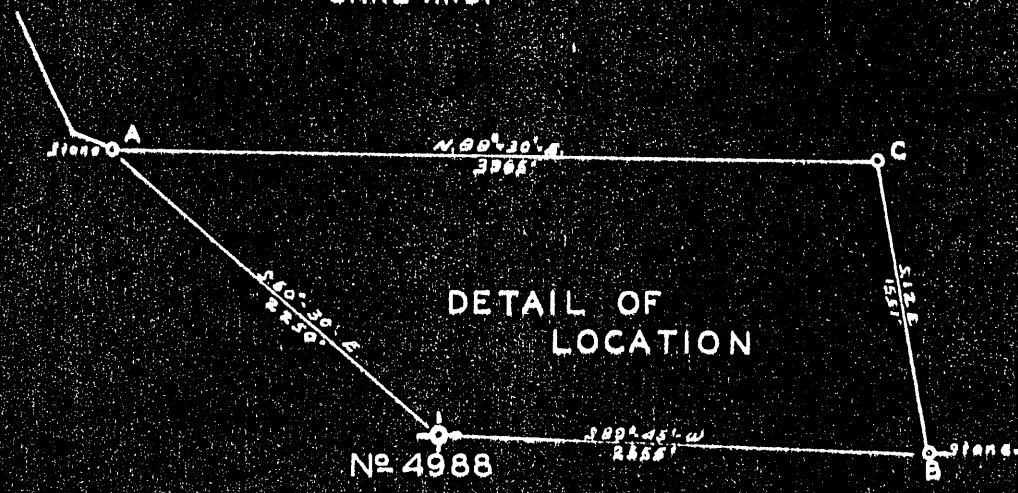
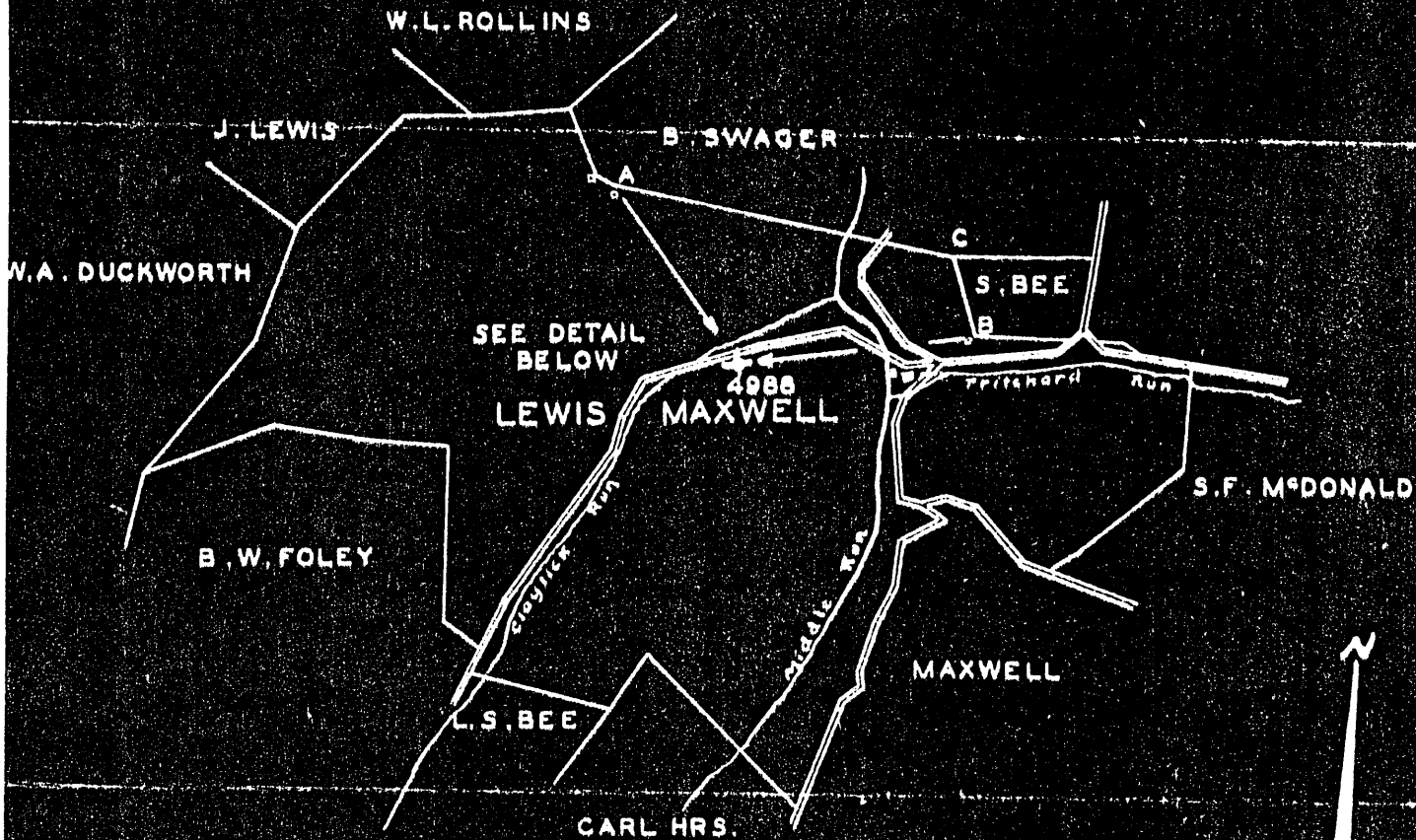


LOCATION OF WELL NO. 4988 Abd.

PERMIT NO.

PITTSBURGH & W.VA GAS COMPANY OF PITTSBURGH PA.

LEASE NO 7497 LESSOR LEWIS MAXWELL ACRES 960
 DISTRICT CENTRAL COUNTY DODDRIDGE STATE W.VA
 QTR. QUADRANGLE WEST UNION S.E. 32-4 DATE MARCH 6-30 NO. ON LEASE 3
 Abd. - May-23-30
 LEASE EXPIRES F. RESERVATION ELEVATION 812'



SCALE: 1"=2000'

ENGINEER'S CERTIFICATE

DOD-23

I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS MAP IS CORRECT, AND SHOWS ALL THE INFORMATION TO THE BEST OF MY KNOWLEDGE AND BELIEF, REQUIRED BY THE OIL AND GAS SECTION OF THE MINING LAWS OF WEST VIRGINIA.

H. Brigam
ENGINEER

ACKNOWLEDGED BEFORE ME A
DAY OF *March* 1930

Notary Public

THIS 8th

W.C. McMaster

LATITUDE 39° 17' 30"

LONGITUDE 80° 47' 30"



7'5 OGIS topo location

7.5' loc	$\frac{788}{1.04 S}$	15' loc	$\frac{3.92 S}{(calc.)}$
	$\frac{723}{1.37 W}$		$\frac{3.60 W}{}$

Company PITTSBURGH + WV GAS Co.
 Farm LEWIS MAXWELL (4988)
 Quad WEST UNION + 15' SE
 County Deer
 District CENTRAL

WELL LOCATION MAP

File No. 017 - 23

WEST VIRGINIA DEPARTMENT OF MINES

Oil and Gas Section

PRELIMINARY DATA SHEET NO. 1

File No. Dad-23

Well No. 4988

PITTSBURGH & WEST VA GAS CO. Company, of CLARKSBURG,

WEST Va.

on ththe Lewis Maxwell

Farm

containing 960

acres.

Location

Central

District, in

Doddridge

County, West Virginia.

The surface of the above tract is owned in fee by Lewis Maxwell

of West Union, West Va.

address, and the mineral rights are owned by

Same

of

Same

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

March 24th

19 30

Elevation of surface at top of well, 812'

Spirit

~~ERROR~~

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

16

feet

13"

size.

Wood conductor.

311

feet

10"

size, csg.

969

feet

8-1/4"

sized csg.

1796

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 220

feet; thickness

12

inches, and at

485

feet; thickness Show

inches; and at

feet; thickness

inches.

Liners were used as follows: (Give details)

June 6th, 1930

Date.

Approved

PITTSBURGH & WEST VA GAS CO.

, Owner.

By

J. F. M...

(Title)

Superintendent.

PITTSBURGH & WEST VA GAS CO. Company

COMPLETION DATA SHEET

CLARKSBURG, WEST VA. Address

DOD-23

NO. 2

FORMATION RECORD

Well No. 4988, Lewis Maxwell farm,
Central Dist., Doddridge County, West Va.

Name	Color	Character	Oil, Gas or Water	Top	Bottom	Thickness	Total Depth	Remarks
Red Rock				10	25	15	25	
Lime	White	Hard	Water 35	25	60	35	60	Hole full
Red Rock	Red			60	90	30	90	
Slate	White	Soft		90	160	70	160	
Lime	Dark	Hard		160	180	20	180	
Slate	White	Soft		180	220	40	220	Coal 220-
Lime	Dark	Hard		221	245	24	245	221
Red Rock		Soft		245	320	75	320	
Sand	White	"	Water 380	320	405	85	405	1/2 Bail
Slate	"			405	485	80	485	water hou
Coal (Pgh)				485	485	---	485	Show Pgh
Lime	White	Hard		485	500	15	500	
Slate	"	Soft		500	512	12	512	
Lime	"	Hard		512	580	68	580	
Slate	"	Soft		580	600	20	600	
Lime	Black	Hard		600	620	20	620	
Slate	Red	Soft		620	675	55	675	
"	White	"		675	725	50	725	
"	Red	"		725	745	20	745	
Lime	White	Hard		745	765	20	765	
Slate	"	Soft		765	780	15	780	
Sand	"	"		780	815	35	815	
Slate	"	Hard		815	825	10	825	
Lime	"	"		825	850	25	850	
Slate	Red	Soft		850	860	10	860	
"	Pink	"		860	890	30	890	
L. Dunkard	White	Hard		890	915	25	915	
Slate	"	Soft		915	925	10	925	
Lime	Blue	Hard		925	935	10	935	
Slate	White	Soft		935	960	25	960	
B. Dunkard	Sand	"		960	985	25	985	S.L. 969
Slate	Black	"		985	1020	35	1020	
Lime	White	Hard		1020	1080	60	1080	
Slate	"	Soft		1080	1095	15	1095	
Gas Sand		Hard		1095	1120	25	1120	
Slate	White	Soft		1120	1130	10	1130	
Lime	"	Hard		1130	1150	20	1150	
1st. Salt	"	Soft		1150	1200	50	1200	
Slate	"	"		1200	1245	45	1245	
2nd. Salt	"	"		1245	1340	95	1340	
Slate	Black	"		1340	1500	160	1500	
3rd. Salt	White	Hard		1500	1600	100	1600	
Slate	Black	Soft		1600	1650	50	1650	
Lime		Hard		1650	1675	25	1675	
Slate	White	Soft		1675	1720	45	1720	
	Red	"		1720	1738	18	1738	

See Sheet #8

PITTSBURGH & WEST VA GAS CO, Company

COMPLETION DATA SHEET

CLARKSBURG, WEST VA, Address

NO. 2

Well No. 4988, Lewis Maxwell farm,

FORMATION RECORD

Central Dist. Doddridge County, W. Va.

Name	Color	Character	Oil, Gas or Water	Top	Bottom	Thickness	Total Depth	Remarks	
L. Lime	White	Hard		1738	1750	12	1750		
Blue Monday		"		1750	1770	20	1770		
Pencil Cave		Soft		1770	1786	16	1786		
Big Lime		Hard		1786	1850	64	1850	S.L. 1796'	
Big Injun			Gas 1870-	1850	1912	62	1912		
Slate	Black	Soft	" 1875	1912	1965	53	1965		
Lime	White	Hard	Oil 1907-	1965	1990	25	1990		
Slate	"	Soft	" 1912	1990	2020	30	2020		
Lime	"	Hard		2020	2026	6	2026		
Slate	"	Soft		2026	2060	34	2060		
Lime	"	Hard		2060	2075	15	2075		
Gantz Sand	"	"		2075	2220	145	2220		
Slate	"	Soft		2220	2260	40	2260		
Lime	"	Hard		2260	2300	40	2300		
Slate	"	Soft		2300	2325	25	2325		
Lime	"	Hard		2325	2346	21	2346		
50 Ft. Sand	"	"		2346	2400	54	2400		
Lime	Dark			2400	2474	74	2474		
Gordon Stray	"			2474	2483	9	2483		
Slate	Black			2483	2498	15	2498		
Gordon Sand	Dark			2498	2503	5	2503		
Slate	Black			2503	2508	5	2508		
Lime	Dark			2508	2512	4	2512		
Slate	"			2512	2561	49	2561		
TOTAL DEPTH							-----	2561	

Well was ~~XXX~~ shot at Big Injun 1875 feet; well was shot atfeet.

Fresh water at 35' feet; fresh water at 380' feet.

Well was ~~XXXXXXXX~~ hole.
dry

PITTSBURGH & WEST VA GAS COMPANY.

June 6th, 1930.

Approved

By, J. F. McNary,

Owner Superintendent.

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.