LATITUDE

39°20

) on to 08

LONGITUDE

9.5 lot

7'5 OG15 topo location

7.5' 10c 2.55 5 15' 10c 2.55 4 11 W

company Bridgeport Natural Gas Co.

Farm Jesse H Willis

Quad Rosemont Fairmontshe County Harrison

District Simpson &

WELL LOCATION MAP File No. 033-2

(110)

Bridgeport Natural Gas Coof _ Bridgeport _ _ on the Jesse H. Willis _ Farm, consisting of ___ Acres Located in Simpson _ District Harrison _ County. Scole-1"= 400 [L.A. LAWMAN SURFACE] JESSE H. WILLIS TRACT N17:02:W--1232'--WELL 0 EL 994.7 ANSON SURFACE 50.00 Ac. TO BRIDGEPORT Engineer's Certificate GANTHROPE 1, 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. Acknowledged before me 0. -this_ doy of ____19

Plat of the Proposed Location of Well No. 46 of the

O. A. & J. H. WILLIS NO. 46 (Serial) WELL. No. 27 O.F.-Harr. (J. C. LANSON TRACT)

Simpson District, Harrison County, W. Va. By Bridgeport Natural Gas & Oil Co., Bridgeport, W. Va. (D. H. Gawthrop, Secy.) On 250 acres, surface owned by J. C. Lawson, Bridgeport, W. Va., and & mineral rights by Dr. C. A. Willis, Charleston, W. Va., and W. W. Willis, Bridgeport, W. Va. Drilled under permit issued Aug. 9, 1929. Elevation, 994.71 L. 14" conductor, 161; 10" casing, 1271; 81", 7001; 6-5/8", 11601. One packer, 6-5/8, set at 1160; one packer, $6\frac{1}{2} \times 2$, set at 1183. 2" tubing perforated at 1130-1140'. Goal was encountered at 490-4921. Wo liner used. Well finished on September 16, 1929, 10/10 water in 2" when tubed. Gasm well. All casing left in well. Well was not shot. Fresh water at 85'; salt water at 167'.

	Top. Botto	m. Thickness.
Little Dunkard Sand, light, soft (water)	85 - 110	25
Big Dunkard Sand, light, soft (water)	- 167 - 245	78
Sand, light, hard	280 - 320	<i>j</i> †O
Salt Sand, dark, hard	360 - 490	130
Coal, dark, soft	490 - 492	
Sand, light, hard	1192 - 698	206
Slate and shells, dark, hard	698 - 830	132
Red rock, soft	830 - 1118	288
Little Line, dark, bard	11184-1130	12
Pencil Cave, dark, soft	1130 - 1138	
Big Live, light, hard	1138 - 1211	73
Big Injun Sand, light, hard (gas at		
12141)	1211 - 1316	105
Slate and shells, dark, hard	1316 - 1664	348
Fifty-foot Sand, dark, hard	1664 - 1723	59
Thirty-foot Sand, light, hard	1725 - 1885	160
Red rock, soft	1885 - 2015	130
Sand, dark, soft	2015 - 2035	20
Fourth Sand, dark, hard	2050 - 2092	715
Tifth Send, dark, hard (gas, 2225-		
22321; 10/10 %. in 2" when tubed)	2191 - 2237	46
Total depth Z67MCV	2232	

WEST VIRGINIA DEPARTMENT OF MINES

OIL & GAS SECTION

PRELIMINARY DATA SHEET NO. 1

File No. Har-2			Well	No. Serial # 46
Bridgeport Natural Gas	& Oil Com	pany, of B	ridgeport, W	L. Va
	, on the O	. А. & Ј. Н.	Willis	Farm
containing 250 acre	s. Locatio	n on the J.	C. Lawson,	Tract
Simpson Dis	trict, in H	rrison	County', W	est Va.
The su	rface of the	above tract	is owned in	fee by
J. C. Lawson of				
mineral rights are ow	med by W. W.	A. Willis, Willis.	of Charle	ston, W. Va.
The oi	l and gas pri	vileges are	held under	lease by
the above named compa	my, and this	well is dri	lled under p	ermit No. Seri
# 46 issued by the Wes	st Virginia De	partment of	Mines, Oil	and Gas
Section,	August 9th	19	929.	pirit
Elevat	ion of surfac	e at top of	well, 994.7	22249222
The number of feet of	the differer	nt sized cas:	ings used in	the well.
16	- Charles - Copyright - Copyri	14 inch s:	-34	•
127 foot 10 i	nch size, csa	5 e	feets	ized csg.
	nch size, cs			
1160 feet 6 &	5/8" size, cs	5 8 	feets	ized cag.
One	packer of	& 5/8 si	ze, set at	1160 Feet
One	packer of 63 2	2 inch si	ze, set at_	1183 Feet
2 " in. casing per	rforated at	130 feet to	01140	feet.
in. casing pe	rforated at	fect t	0	feet.
Coal was encountered	at 490 feet;	thickness	inche	es, and at
feet; thi	cknessinc	hes; and at_	fect	; thickness
inches,	ž.			
Liners were used as	follows: (G	ive details)	None	weekstad to the state of the st
	gav-andag-u-valu-maker-valukussissä Orden-tävähdyksinuskitoh kassidigu-ensitänsidähdyksik			
8	and the second s			
	- Company of the Comp	aggingan magningan ang mag		SEP 25 1029
Well Finished on Se	ptember 16th	1929.		
Date		er .	Natural Gas	& Oil Co, Owner.
	A	TATO A O. O.		

Har-I

COMPLETION DATA SHEET NO. 2

Har-2

FORMATION RECORD

NAME	COLOR	CHARACTER	OIL, GAS OR WATER	TOP	BOTTOM	THICK- NESS	TOTAL	REMARKS
lttke Dunk.	Light	Soft	Water	85	110	25		
lg Dunkard	Light	Soft	Water	167	245	78		
ınd	Light	Hard		280	320	40		
lt Sand	Dark	Hard		360	490	130		
al	Dark	Soft		490	492	2		
ind	Light	Hard		492	698	206		
ate & Shel	ls Dark	Hard		698	830	132		
d Rock	Red	Soft		830	1118	288		
ttle Lime	Dark	Hard	·	1118	1130	12		
ncil Cave	Dark	Soft		1130	1138	8		
g Lime	Light	Hard		1138	1211	73		
g Injim	Light	Hard		ısıı	1316	105		Gas at 1214
ate & Shell	ls Dark	Hard		1316	1664	348	•	
fty Foot	Dark	Bard		1664	1723	59		
irty Foot	Light	Hard		1725	1885	160	2- -21 -7(3) -1	
d Rock	Red	Soft	TO A CONTRACT OF THE CONTRACT	1885	2015	130		
nd	Dark	Soft	the open of the state of the st	2015	2035	20		
nd 4th.	Dark	Hard		2050	2092	42	· ·	
nd 5th.	Dark	Hard	Baselina	srar	2237	46		Gas 2225 to 2232
TTOM		neditionomical and an analysis of the second	ELCH-MODEL COMMUNICATION COMMU		·	activery company controls	2282:	40/10 water in
		Personal Property Comments of the Comments of	SECULIA PROPERTY AND	de militario de marco				2" when tubed.
		nanina manana				good print of print of the common sequence.	Saude Carde Addition And Carde	All Casing was left in well.
	de des especiales de la constante de la consta	Lindon Americana	Sidentisis augustas sur sur sur sur sur sur sur sur sur su	usuznazielezapzes aze		a (Grande constant)	<u> </u>	
	XXXXX			e e e				
Well		abot of						

XXXXX		·
Well was not shot at	feet; well wa	as shot atfeet.
Fresh water at 85	Salt feet;: Armskx water at	167 feet () 25 /029
Well was producing ho	ole.	(929)

September 16th 1929 Approved Bridgeport Natural Gas & Oil Co,
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 for which strata that may be common to the district.

Hav-2