

Water Well agreement
this well (see agreements Gen)

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.

E. C. Roush

COAL OPERATOR

Columbian Carbon Company

NAME OF WELL OPERATOR

Point Pleasant, Route #1

ADDRESS

Charleston, West Virginia

COMPLETE ADDRESS

None

COAL OPERATOR

December 10, 1930

PROPOSED LOCATION

Robinson

District

None

COAL OPERATOR

Mason

County

Well No. One

E. C. Roush

Farm

GENTLEMEN:

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

November 22, 1930

made by

E. C. Roush

to

Columbian Carbon Company

and recorded on the 25th day

of November, 1930

in the office of the County Clerk for said County in

Book _____, page _____

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 this day ~~January~~ the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

Very truly yours,

Columbian Carbon Company

WELL OPERATOR

P. O. Box 1240

STREET

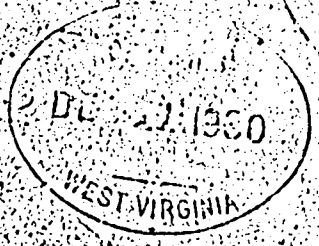
Charleston

CITY OR TOWN

West Virginia

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.

Mus. 6

Mac-6-P

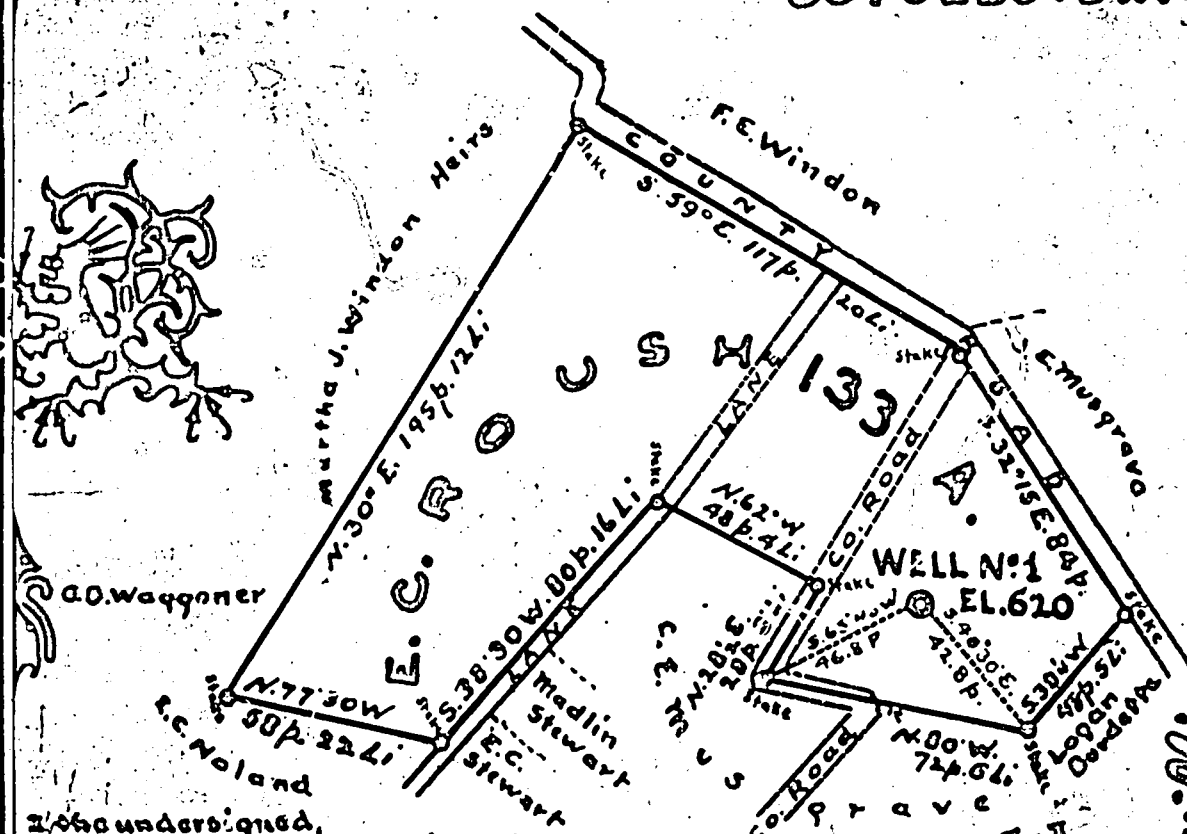
Lat. — 38° 55'

Topo. Loc

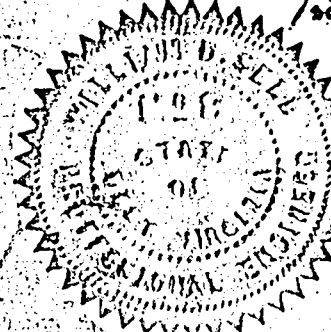
Quad-Point Pleasant

Long. 82° 00'

50 POLES: 1 INCH



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.



Commission
of
the
Federal
Reserve
System
Washington, D.C.

Old Vienna

File mas 6,

Department of Mines
Charleston, W. Va.

Columbian Carbon Company
Charleston, W. Va.

Gentlemen:

The undersigned, E. C. Roush, avers that he is the owner of the 133 Acre Tract of land in Robinson District, Mason County, West Virginia on which the Columbian Carbon Company drilled a well for oil or gas on permit No. Mason-8 issued by the Department of Mines, December 22, 1931, and said well not being of commercial value, the same is now being plugged and abandoned by said Columbian Carbon Company according to Section 10, Article 4, Chapter 22 of the Code, and

Whereas, in the drilling of said well, an abundant supply of water was encountered at a depth of approximately 300', the undersigned E. C. Roush is desirous of using the upper portion of said well as a water well. Therefore, it is mutually agreed as follows:

That the well operator will plug and fill said well up to and not to exceed 50' below said water strata according to the law and regulations for plugging and filling of abandoned wells and there set a wood plug and a cement plug effectively sealing the hole and that, said well operator will leave the 150' of 18" casing in said well.

That in consideration of the above promises, the undersigned, E. C. Roush, hereby agrees and binds himself, his heirs and assigns to properly protect said well and to keep the same in a safe condition to the satisfaction of the Department of Mines and to insure the well operator, that said well operator will not be liable for any accident or damage caused on account of said well.

Signed in the presence of:

Witness

Witness

Point Pleasant, W. Va.

1931

The drilling Company hereby accepts its part in the foregoing and binds itself to plug, fill and equip the said well as aforesaid, subject to the approval of the Department of Mines.

1931

Signed:

The foregoing agreement and attached affidavit is acceptable to the Department of Mines as in full compliance with the requirements of Article 4, Chapter 22 of the Code.

1931.

Chief,
Department of Mines.

Department of Mines
Charleston, W. Va.

Columbian Carbon Company
Charleston, W. Va.

Gentlemen:

The undersigned, E. C. Roush, avers that he is the owner in fee of the 133 Acre Tract of land in Robinson District, Mason County, West Virginia on which the Columbian Carbon Company drilled a well for oil or gas on permit No. Mason-6 issued by the Department of Mines, December 22, 1931, and said well not being of commercial value, the same is now being plugged and abandoned by said Columbian Carbon Company according to Section 10, Article 4, Chapter 22 of the Code, and

Whereas, in the drilling of said well, an abundant supply of water was encountered at a depth of approximately 200', the undersigned E. C. Roush is desirous of using the upper portion of said well as a water well. Therefore, it is mutually agreed as follows:

That the well operator will plug and fill said well up to and not to exceed 50' below said water strata according to the law and regulations for plugging and filling of abandoned wells and there set a wood plug and a cement plug effectively sealing the hole and that, said well operator will leave the 180' of 18" casing in said well.

That in consideration of the above premises, the undersigned, E. C. Roush hereby agrees and binds himself, his heirs and assigns to properly protect said well and to keep the same in a safe condition to the satisfaction of the Department of Mines and to insure the well operator, that said well operator will not be liable for any accident or damage caused on account of said well.

Signed in the presence of:

W. H. Rothwell

Witness

H. A. Ziemer

Witness

E. C. Roush

Point Pleasant, W. Va.

10-25 1931

The drilling Company hereby accepts its part in the foregoing and bind itself to plug, fill and equip the said well as aforesaid, subject to the approval of the Department of Mines.

10-25 1931

Signed:

W. H. Rothwell

The foregoing agreement and attached affidavit is acceptable to the Department of Mines as in full compliance with the requirements of Article 4, Chapter 22 of the Code.

10-26

1931.

J. H. Gamble

Chief.

Department of Mines.

WEST VIRGINIA DEPARTMENT OF MINES

Oil and Gas Section

PRELIMINARY DATA SHEET NO. 1

File No. One Well No. One
Columbian Carbon Co. Company, of Charleston, W. Va.
 on the E. C. Roush Farm
 containing 133 acres. Location
Robinson District, in Mason County, West Virginia.

The surface of the above tract is owned in fee by E. C. Roush
 of Point Pleasant, Route #1 address, and the mineral rights are owned by
 of

The oil and gas privileges are held under lease by the above named company, and this well is drilled under
 permit No. 6 issued by the West Virginia Department of Mines, Oil and Gas Section,
December 22 1930

Elevation of surface at top of well, 702 Spirit Barometer

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

Feet	Size	Material
20	20 inch	Wood conductor
180	13 1/4	size, csg.
1200	6 5/8	size, csg.
1800		size, 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 none feet; thickness _____ inches, and at
 feet; thickness _____ inches; and at _____ feet; thickness _____ inches.

Liners were used as follows: (Give details) none

April 10, 1931

Date

Approved Columbian Carbon Co, Owner.

By Glenn Dearth (Title)



was 6
Columbian Carbon Co. Company

Charleston, W. Va. Address

COMPLETION DATA SHEET

NO. 2

FORMATION RECORD

Name	Color	Character	Oil, Gas or Water	Top	Bottom	Thickness	Total Depth	Remarks
Clay & Sandy				0	23	23		
Quick Sand				23	175	152		
Blue Slate				175	210	35		
Red Rock				210	235	25		
Blue Slate				235	275	40		
Red Rock				275	320	45		
Slate				320	360	40		
Lime				360	375	15		
Slate				375	385	10		
Sand Water				385	455	70		
Slate				455	495	40		
Sand or Water				495	555	60		
Blue Slate				555	565	10		
Shells				565	610	45		
Slate				610	650	40		
Lime				650	680	30		
Slate				680	700	20		
Sand				700	740	40		
Slate				740	765	25		
Sand				765	780	15		
Slate				780	830	50		
Lime				830	840	10		
Slate				840	885	45		

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

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

producing
Well was _____ 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.

mas-6
Columbian Carbon Co. Company

Charleston, W. Va. Address

COMPLETION DATA SHEET

NO. 2

FORMATION RECORD

Name	Color	Character	Oil, Gas or Water	Top	Bottom	Thickness	Total Depth	Remarks
Sand				885	900	15		
Black Slate				900	920	20		
Sand				920	970	50		
Lime				970	985	15		
Black Slate				985	1000	15		
Slate & Lime Shells				1000	1040	40		
Sand				1040	1060	20		
Slate				1060	1070	10		
Injun Sand				1070	1135	65		
Slate				1135	1175	40		
Sand				1175	1215	40		
Slate				1215	1659	144		
Coffee Slate				1659	1669	10		
First Berea Sand				1669	1696	27		
Slate & Shells				1696	1825	129		
Slate				1825	2220	395		
Gritty Shells				2220	2221	1		
Slate				2221	2560	339		
Light Shale				2560	2600	40		
Brown Shale				2600	2620	20		
Dark & Light Shale				2620	2670	50		
Brown Shale				2670	2700	30		
Dark & Light Shale				2700	2752	52		

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

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

Well was _____ producing
dry hole.

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.

mes-t
Columbian Carbon Co.

Company

Charleston, W. Va.

Address

COMPLETION DATA SHEET

NO. 2

FORMATION RECORD

Name	Color	Character	Oil, Gas or Water	Top	Bottom	Thickness	Total Depth	Remarks
Brown Shale				2752	2784	32		
Dark & Light Shale				2784	2808	24		
Brown Shale				2808	2968	160		
Light Shale & Slate				2968	3140	172		
Dark Shale				3140	3150	10		
Light Shale				3150	3208	58		
Brown Shale				3208	3330	122		
Top of Line Carnifus				3330 ft.	-	5 ft.		

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

Fresh water at 385 feet; salt water at 740 feet.

Well was producing hole.
dry

April 10, 1931

Date

Approved Columbian Carbon Co.

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.

Mas-6

THE COLUMBIA CARBON COMPANY - G. W. #706.

E. C. Roush
Robison Dist., Mason County, W. Va.
Started to drill December 15, 1930. 10-9-31
Caywood & Palmer, Contractors, Racine, Ohio.

Formation	Top	Bottom	Amount
Clay & Sand	0	23	23
Quicksand	23	175	152
Blue Slate	175	810	35
Red Rock	210	235	25
Blue Slate	235	275	40
Red Rock	275	320	45
Slate	320	360	40
Lime	360	375	15
Slate	375	385	10
Sand 6 bafflers of water per hour	385	455	70
Slate	455	495	40
Sand hole full of water	495	555	60
Blue Slate	555	565	10
Shells	565	510?	45
Slate	610	650	40
Lime	650	680	30
Slate	680	700	20
Sand	700	740	40
Slate	740	765	25
Sand	765	780	15
Slate	780	830	50
Lime	830	840	10
Slate	840	885	45
Sand	885	900	15
Black Slate	900	920	20
Sand	920	970	50
Lime	970	985	15
Black Slate	985	1000	15
Slate & Lime Shells	1000	1040	40
Sand	1040	1060	20
Slate	1060	1070	10
Injun Sand Water	1070	1135	65
Slate	1135	1145	40?
Sand	1175	1215	40
Slate	1215	1659	144
Coffee Slate	1659	1669	10
1st. Berea Sand water	1669	1696	27
Slate & Shells	1696	1825	129
Slate	1825	2220	395
Gritty Shells Gas 200,000 cu. ft.	2220	2221	1
Slate after blowing open	2221	2560	339
4 hours (blow out in 1st time)			
Light Shale 6355 cu. ft. gas	2560	2600	40
Brown Shale	2600	2620	20
Dark & Light Shale mixed half and half	2620	2670	50
Brown Shale	2670	2700	30
Dark & Light Shale mixed half and half - 2387 cu. ft. gas	2700	2752	52
Brown Shale	2752	2784	32
Dark & Light Shale mixed half & Half	2784	2808	26
1179 cu. ft. gas			
Brown Shale 927 cu. ft. gas	2808	2968	160
Light Shale & Slate	2968	3140	172
Dark Shale 927 cu. ft. gas	3140	3150	10
Light Shale - 4188 cu. ft. gas	3150	3208	58
Brown Shale	3208	3330	122
Top of Corniferous Lime - water at			
4080 ft. 750 ft. in Lime - 40 ft.			
water pay	3330	4120	790

18" - 15' 6"
13" - 185"
10" - 320"
8 1/4 - 1750

2220 gas 200,000 cu. ft.
after blowing open
2570 gas 3,000
2590 " 3,300
2750 " 2,029
2838 " 1,000
3490 oil show
4070-4075 show
gas, air, water -
hole filled with
water, etc. 4080-4120

TD

4195

Started to drill
December 15 1930

Caywood & Palmer
Contractors
Racine, Ohio.

E. C. Roush.

LOG OF WELL

Johnson Dist.
Mason County
W. Va.

Sheet 1

EL. 620

Well No. GW 706

District	Water	Lease	FORMATION	COL	HARD OR SOFT	No. ON SAMPLE BOTTLE	TOP	BOTTOM	AMOUNT
			Clay & Sand				0	23	23
			Quick Sand				23	175	152
			Blue Slate				175	210	35
			Red Rock				210	235	25
			Blue Slate				235	275	40
			Red Rock				275	320	45
			Slate				320	360	40
			Lime				360	375	15
			Slate				375	385	10
			Sand	6 Bailers of Water per hour			385	455	70
			Slate				455	495	40
			Sand	A Hole Full of Water			495	555	60
			Blue Slate				555	565	10
			Shells				565	510	45
			Slate	Casing Used in Well			510	650	40
			Lime				650	680	30
			Slate				680	700	20
			Sand	18" O D Line Pipe 70'	157' 1"		700	740	40
			Slate	13 3/8" O D Line Pipe 54'	183'		740	765	25
			Sand	10" Steel Casing 32'	328'		765	780	15
			Slate	8 1/2" 24# "	1763'		780	830	50
			Lime				830	840	10
			Slate				840	885	45
			Sand				885	900	15
			Black Slate				900	920	20
			Sand				920	970	50
			Lime				970	985	15
			Black Slate				985	1000	15
			Slate & Lime Shells				1000	1040	40
			Sand				1040	1060	20
			Slate				1060	1070	10
			Injun Sand	Water			1070	1135	65
			Slate				1135	1145	10
			Sand				1145	1215	70
			Slate				1215	1659	444
			Coffee Slate				1659	1669	10
			1st Berea Sand				1669	1696	27
			Slate & Shells				1696	1825	129
			Slate				1825	2220	395
			Gritty Shells	Gas-200,000 cu ft after blowing open 4 hours			2220	2221	1
			Slate				2221	2560	339
			Light Shale	6,355 cu ft gas			2560	2600	40
			Brown Shale				2600	2620	20
			Dark & Light Shale	Mixed Half and Half			2620	2670	50
			Brown Shale				2670	2700	30
			Dark & Light Shale	Mixed Half and Half			2700	2752	52
			Brown Shale	2,387 cu ft Gas			2752	2784	32
			Dark & Light Shale	Mixed Half & Half			2784	2808	24
			Brown Shale	1,179 cu ft Gas					
			Light Shale	927 cu ft Gas			2808	2968	160
			Dark Shale	927 cu ft Gas			2968	3140	172
			Light Shale	4,188 cu ft Gas			3140	3208	68
			Brown Shale				3208	3330	122
			Top of Carnifus Line	Water at 4080 ft			3330	4120	790
				750 ft in Lime--40 Ft. Water Pay					

NOTICE OF INTENTION TO PLUG AND ABANDON WELL

(REQUIRED BY SECTION 9, CHAPTER 86, ACTS 1929)

WEST VIRGINIA DEPARTMENT OF MINES

OIL AND GAS SECTION

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

E. C. Roush

COAL OPERATOR

Point Pleasant Route #1

ADDRESS

COAL OPERATOR

ADDRESS

COAL OPERATOR

ADDRESS

Columbian Carbon Co.

NAME OF WELL OPERATOR

Charleston, W. Va.

COMPLETE ADDRESS

April 10, 1931

19

WELL TO BE ABANDONED

Robinson

District

Mason

County

Well No. One

E. C. Roush

Farm

Gentlemen:—

The undersigned well operator is about to abandon the above described well and will commence the work of plugging and abandoning said well on the 20 day of April, 1931, (which date shall be not less than five days after the day on which this notice so mailed is received, or in due course should be received by the Department of Mines).

This notice is given you in order that your respective representatives may be present at the plugging and filling of said well. You are further notified that whether you are represented or not represented the undersigned will proceed on that date, or shortly thereafter, to plug and fill said well in the manner required by law.

This notice is being mailed by registered mail to each of you at the above addresses on the above date.

Very truly yours,

Columbian Carbon Co.

G. Blum Dearth

Well Operator.

NOTE Upon the abandonment of all wells drilled prior to June 1, 1929, a plat prepared by a competent engineer, showing the district and county in which the tract of land is located, the name and acreage of same, the names of the owners of adjacent tracts, and the location of the about to be abandoned well, determined by survey, and the courses and distances of such well from two permanent points or landmarks on said tract, shall be submitted with this notice.

AFFIDAVIT IN TRIPPLICATE TO TIME AND MANNER OF PLUGGING AND FILLING WELL

(REQUIRED BY SECTION 9, CHAPTER 86, ACTS 1929)

WEST VIRGINIA DEPARTMENT OF MINES OIL AND GAS SECTION

E. C. Roush

COAL OPERATOR

Columbian Carbon Company

NAME OF WELL OPERATOR

Point Pleasant, W. Va. Route #1

ADDRESS

Charleston, W. Va.

COMPLETE ADDRESS

October 14, 1931

COAL OPERATOR

WELL AND LOCATION

Robinson

District

Mason

County

COAL OPERATOR

Well No. One

ADDRESS

E. C. Roush

Farm

AFFIDAVIT TO BE MADE IN TRIPPLICATE, ONE COPY TO BE MAILED BY REGISTERED MAIL TO THE DEPARTMENT, ONE COPY TO BE RETAINED BY THE WELL OPERATOR AND THE THIRD COPY (AND EXTRA COPIES IF REQUIRED) TO BE MAILED TO EACH COAL OPERATOR ABOVE NAMED AT THEIR RESPECTIVE ADDRESSES.

AFFIDAVIT

STATE OF WEST VIRGINIA

COUNTY OF ~~X~~ MasonH. F. Rothwell

and

H. A. Fulmer

being first duly sworn according to law depose and say that they are experienced in the work of plugging

and filling oil and gas wells and were employed by Columbian Carbon Co., well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the13th day of October, 1931, and that the well was plugged and filled in the following manner:

Manner in which sand was plugged:

Start 10-15-31

Plugging Report

Bridge set 3445 fill with Rock & Sand pumpings to 3410 - Wood plug from 3407 to 3410 Lead plug from 3405 1/2 to 3407 2 bags cement fill with Rock and sand pumpings to 1850 set M & F Plug from 1844 to 1850 set Regular wood plug from 1841 to 1844 2 Bags Cement and fill 30 ft. with Rock & sand pumpings Pull 8 1/2" Casing Drove Plug at Bottom of 8 1/2 casing Fill with Rock & sand pumpings Set M & F Plug 1524 2 bags Cement fill with Rock & sand pumpings Set M & F Plug 980 ft. 2 bags Cement fill with sand pumpings to Bottom of 10" Casing Pull 10" casing fill & Plug at 190ft. 4 bags cement. Pull 13" casing. Leave for water wall.

Description of monument:

(THE ABOVE DESCRIPTIONS MUST BE IN DETAIL AND IN ACCORDANCE WITH THE PROVISIONS OF SECTION 10, OIL AND GAS ACT OF 1929.)

and that the work of plugging and filling said well was completed on the 13th day of October, 1931.

And further deponents smth not.

H. F. RothwellH. A. FulmerSworn to and subscribed before me this 23 day of October, 1931E. C. Roush

Notary Public.

My Commission expires:

July 19 - 1939