

New Location

Drill Deeper

Abandonment X #7629

Company **HOPE NATURAL GAS CO.**

Address **CLARKSBURG, W.VA.**

Farm **FEDERAL COAL CO**

Tract Acres **18348** Lease No. **46408**

Well (Farm) No. _____ Serial No. **7629**

Elevation (Spirit Level) **SEE ELEV. ABOVE**

Quadrangle **BALD KNOB**

County **BOONE** District **SHERMAN**

Engineer **Wm Bowers**

Engineer's Registration No. **900**

File No. _____ Drawing No. _____

Date **FEB. 23, '38** Scale **1"=1320'**

7627
7628
7630
7634
7635
7636
7647
7648
7649
7650
7652
7653

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION
CHARLESTON

WELL LOCATION MAP
FILE NO. **200-816**

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.

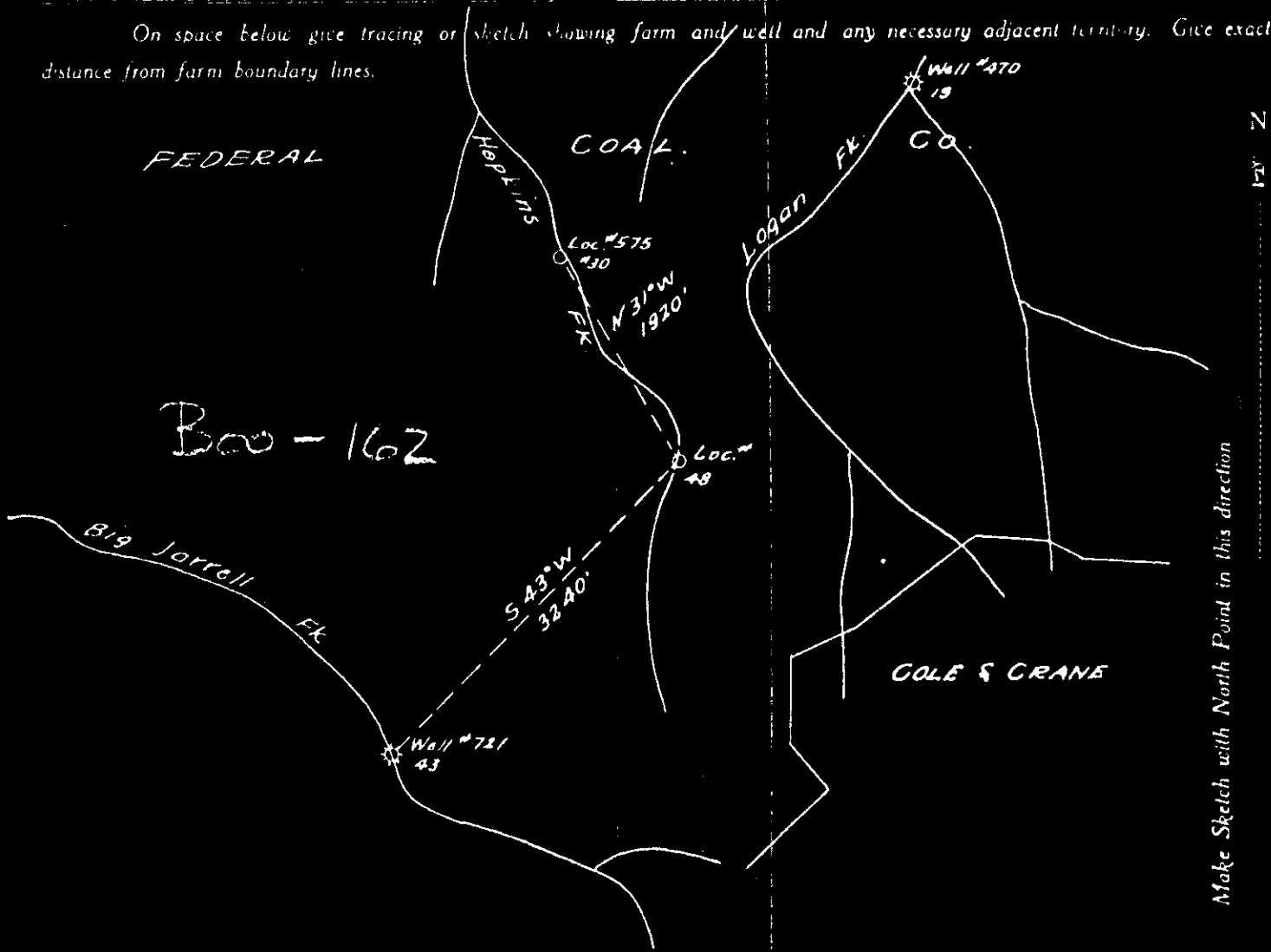
→ Denotes one inch spaces on border line of original tracing.

GODFREY L. CABOT, INC.

LOCATION REPORT

Serial No. 743 Name of Farm FEDERAL COAL CO. Well No. 45
 Map. Sq. N19E37 County BOONE District SHERMAN
 Name of Stream or Waters HOPKINS FORK
 Date NOV. 12, 1930 Scale 1" = 1320'

On space below give tracing or sketch showing farm and well and any necessary adjacent territory. Give exact distance from farm boundary lines.



Make Sketch with North Point in this direction

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.

A. R. Keeney

Acknowledged before me a notary public _____

this 13th day of November 1930

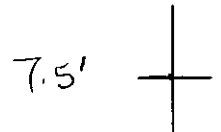
Approved: Beatrice C. Tucker
 Notary Public

now 816

LATITUDE 38°00

(15' 7.5') 81° 35'

LONGITUDE



7.5 OGIS topo location

7.5' loc	<u>1.678</u>	15' loc	<u>1.678</u>
	<u>.27W</u>	(calc.)	<u>.27W</u>

Company HOPE NATURAL GAS

Farm FEDERAL COAL Co. (7647)

Quadr Whitesville 7.5' / BALD KNOB 15' (2)

County BOONE

District SHERMAN

WELL LOCATION MAP

File No. 005-816 D + d

BOONE

Well 162

LATITUDE (7.5/15) 38°00

(7.5/15) 81°35

LONGITUDE

+ 7.5'

7.5 OGIS topo location

7.5' 10C	<u>2.798</u>	15' 10C	<u>2.798</u>
	<u>.65W</u>	(calc.)	<u>.65W</u>

Company Godfrey L Cabot

Farm Federal Coal Co. (743)

Quad Whitesville 7.5' / Bald Knob ^{nc} 15' (2)

County BOONE

District SHERMAN

WELL LOCATION MAP

File No. 005-162

BOONE
now 816D

WEST VIRGINIA DEPARTMENT OF MINES
OIL & GAS DIVISION
WELL RECORD

Permit No. 80816 D
Quad.

Gas Well
CASING & TUBING

Company	Hope Natural Gas Company				
Address	445 West Main St., Clarksburg, W.Va.				
Farm	Federal Coal Company	A 18348	13	30	30
Location			10	995	995
Well No.	7647	Elev. 1687	8 1/2	2293	2293
District	Sherman	Boone County	6 5/8	2830	2830
Surface					
Mineral					
Commenced	Deeper	Aug. 16, 1948			
Completed		Oct. 17, 1948			
Date shot		10-5-48 Depth 3185 to 3195 with 30 qts.			
Volume		33,000 Lime & Weir			
No water					

Casing not cemented

No coal

RECORD OF DEEPER DRILLING

Commenced drilling		2416
Slate	2419	2444
Salt Sand	2444	2694
Little Lime	2694	2775
Pencil Cave	2775	2777
Big Lime	2777	3055
Big Injun	3055	3098
Slate Shell	3098	3167
Weir Sand	3167	3360
Total Depth		3378

JUN - 7 1949

Gas 2940-2984
Gas 3187-3193



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL RECORD

Permit No. Oil or Gas Well (KIND)

Company Hope Natural Gas Company,
Address 445 West Main St. Clarksburg, W. Va.
Farm Federal Coal Company Acres 18348
Location (waters)
Well No. 7647 Elev. 1687
District Sherman County Boone
The surface of tract is owned in fee by
Address
Mineral rights are owned by
Address
Drilling commenced May 21, 1931
Drilling completed July 27, 1931
Date Shot From To
With
Open Flow /10ths Water in Inch
 /10ths Merc. in Inch
Volume Cu. Ft.
Rock Pressure lbs. hrs.
Oil bbls., 1st 24 hrs.
Fresh water 40 feet feet
Salt water 1690 feet feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
18	30	30	
10	995	995	Size of
8 1/4	2293	2293	
8			Depth set
5 8/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED NOT SIZE No. Ft. Date

COAL WAS ENCOUNTERED AT 380 FEET 48 INCHES
512 FEET 48 INCHES 545 FEET 36 INCHES
 FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Coal			380	384	water	40	
Coal			512	516			
Coal			545	548			
Sand			655	720			
Sand			865	1005			
Grampus			1415	1575			
First Salt			1600	1710	water	1690	
Second Salt			1712	1890			
Maxon			2298	2416	gas	2386	
Total depth				2416			
<u>TO BE DRILLED DEEPER</u>							



now 816 D

SERIAL No. 708 LEASE No. OPERATING DIST. Boone MAP SQUARE

RECORD OF WELL No. 68 on the				CASING AND TUBING			TEST BEFORE SHOT
Federal Coal Co.		Farm of 10, 248 Acres		SIZE	USED IN DRILLING	LEFT IN WELL	of Water in
Sherman		District		16			10cbs of Merc. in
Boone		County		13	20' 6"	20' 6"	10cbs 2,400,000
Field, State of West Va.				10	995'	995'	TEST..... HRS. AFTER SHOT
Rig Commenced April 12, 1931				8 1-4	2292'	2292'	of Water in
Rig Complete April 18, 1931				6 5-8			10cbs of Merc. in
Drilling Commenced May 21, 1931				5 3-16			10cbs
Drilling Completed July 27, 1931				3	2416'	2416'	Volume
Drilling to cost \$3.00 per foot				2			Rock Pressure 830 Lbs. 24
Contractor is: W. O. Dunham				SHUT IN			Size of Torpedo
Address: 225 High Drive, Huntington, W. Va.				Date July 27, 1931			Oil Flowed..... bbls. 1st 2
				in 8-1/2" Tubing or Casing			Oil Pumped..... bbls. 1st 2
Drillers' Names				Size of Packer 2x8-1/4x16			
Ray Weekly				Kind of Packer Anchor			Well abandoned and
Clifton Batter				Amount Anchor 113			Plugged
				Amount above Anchor 2303			
				1st Perf. Set, Top 2392			Bot. 2415
				2nd Perf. Set, Top			Bot.

Elevation 1690-B													
FORMATION	COLOR	TOP	BOTTOM	Steel Line Measurements	HARD OR SOFT	OIL, GAS OR WATER	DEPTH FOUND	Distance Above or Below S. L.	REMARKS				
Gravel		0	28		Soft								
Slate	Black	28	36		"								
Sand	White	36	44		Hard	Water	40'						
Slate	"	44	95		Soft								
Sand	"	95	120		Hard								
Slate	Black	120	160		Soft								
Lime	Gray	160	185		Hard								
Slate	Black	185	200		Soft								
Sand	White	200	230		"								
Slate	Black	230	255		"								
Sand	White	255	298		Hard								
Slate	Light	298	305		Soft								
Sand	White	305	365		Hard								
Slate	Black	365	380		Soft								
Coal	"	380	384		"								
Lime	White	384	395		Hard								
Slate	Black	395	440		Soft								
Sand	White	440	490		"								
Lime	Gray	490	512		Hard								
Coal	Black	512	516		Soft								
Slate	"	516	530		"								
Lime	White	530	545		Hard								
Coal	Black	545	548		Soft								
Sand	White	548	550		"								
Slate	White	550	555		"								

SERIAL No. 708 TRACT 144-2827 WELL No. 27 OPER. DIST. Boone MAP SQUARE

FORMATION	COLOR	TOP	BOTTOM	Special Line Measurements	HARD OR SOFT	OIL, GAS OR WATER	DEPTH FOUND	Distances Above or Below S. L.	Bores	REMARKS
Sand	White	625	630		Soft				11	May 4, 1931
Slate	Black	630	635		Hard				25	" 12
Lime	Yellow	635	650		"				35	" 15
Sand	White	650	720		"				54	" 20
Slate	Black	720	770		Soft				13	June 8
Sand	White	770	810		Hard				30	" 12
Lime	"	810	845		"				20	July 7
Slate	"	845	865		Soft				55	" 20
Sand	"	865	1005		Hard				62	" 24
Slate	"	1005	1220		Soft				71	" 26
Sand	"	1220	1415		Hard				72	" "
Grampus	Yellow	1415	1575		"				75	" "
Slate	Black	1575	1600		Soft				76	" "
Salt Sand	White	1600	1710		Hard	Water	1600'		78	" "
Slate	"	1710	1712		Soft				78	" "
Salt Sand	"	1712	1890		Hard				78	" "
Slate	"	1890	1895		Soft				78	" "
Salt Sand	"	1895	2050		Hard				78	" "
Slate	"	2050	2058		Soft				78	" "
Lime	"	2058	2105							
Slate	"	2105	2170							
Lime	"	2170	2215							
Red Rock	Red	2215	2222							
Slate	White	2222	2230							
Sand	"	2230	2245							
Lime	"	2245	2298							
Maxton	"	2298	2416		Soft	Gas	2320			Show
					"	"	2345			8/10 W. in 1"
					"	"	2366-9			12/10 Hg. in 3'
					"	"	2392			17/10 " " "
					"	"	2396			19/10 " " "
					"	"	2401			22/10 " " "
					"	"	2405			23/10 " " "
					"	"	2409			28/10 " " "
					"	"	2411			32/10 " " "
					"	"	2414			37/10 " " "
					"	"	2416			37/10 " " "
										Test when tubed 37/10 " " "
										(July 29, 1931)

TOTAL DEPTH OF WELL ... 2416

DATE ... 8 4 31

CODING ... P. L. Patton