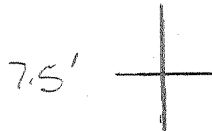


LATITUDE 38°00'

81°30'  
81°32'30"

LONGITUDE



7.5 OGIS topo location

7.5' loc	<u>1.495</u>	15' loc	<u>1.495</u>
	<u>1.584</u>	(calc.)	<u>3.850</u>

Company Godfrey L. CARP

Farm FEDERAL COAL Co. 54(784)

Quad Whitesville 7.5 / Bald Knob 15' (3) <sup>NE</sup>

County BOONE

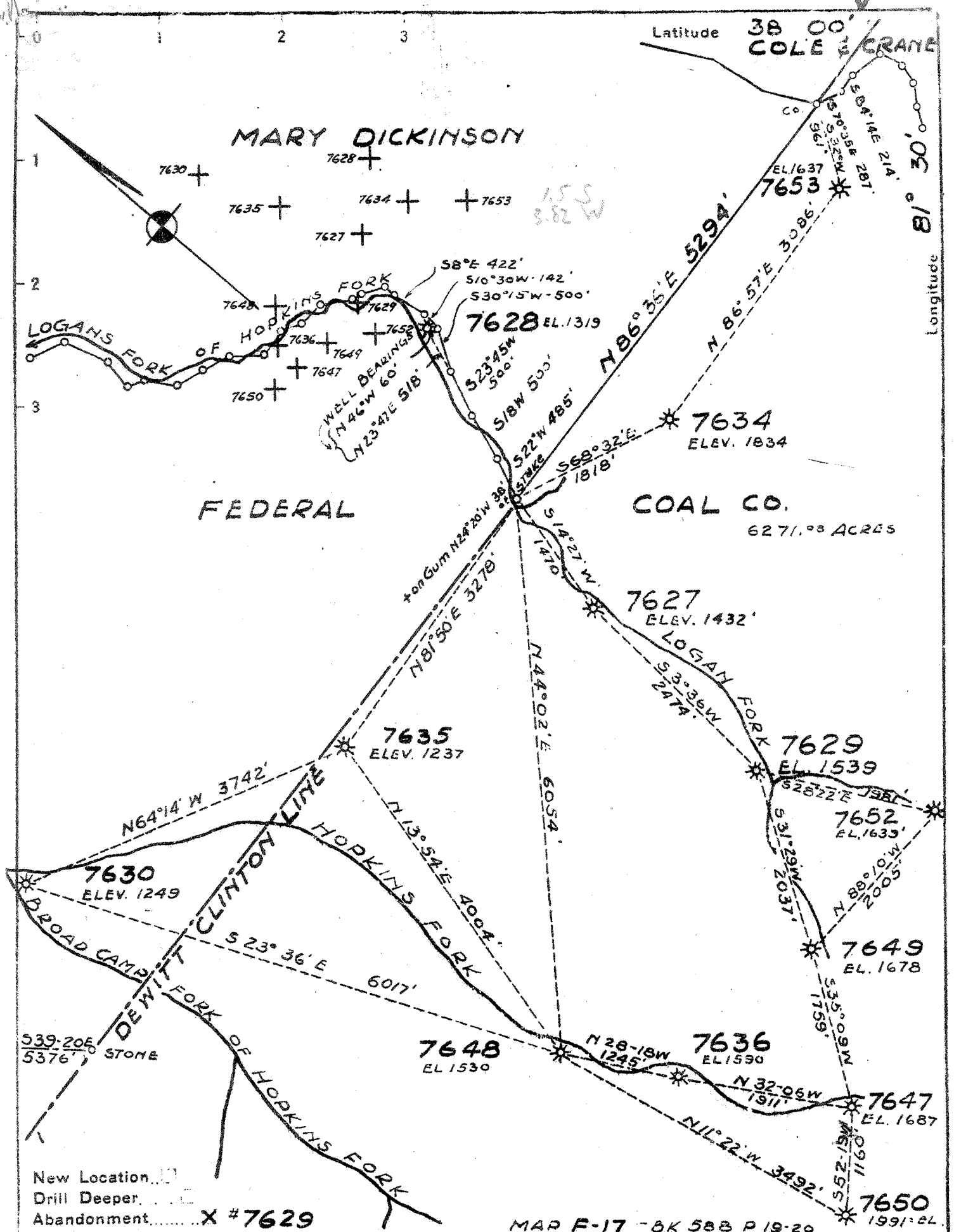
District SHERMAN

WELL LOCATION MAP

File No. 008-232

BOONE

WGD 30104



New Location.   
 Drill Deeper.   
 Abandonment.  #7629

MAP F-17 - BK 588 P 19-20

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. Boo 53A - #7629  
Boo - 104-A - #7653  
now 232

+ 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.

ln

FEDERAL COAL CO. NO. 54 (784) WELL.

No. 226 O.F.

Sherman District, Boone County, W. Va.

Godfrey L. Cabot, Inc., Charleston, W. Va.

On 18,348 acres, surface and mineral rights owned by Federal Coal Co., Charleston, W. Va.

Drilled under permit Boo-232, issued March 13, 1934.

Elevation, 1637.38' L.

10" casing, 21'; 8 $\frac{1}{4}$ " , 831'.

Coal was encountered at 85-87, 256-259, 560-562, 605-607, and 827-829'.

Preliminary report to Dept. of Mines Sept. 18, 1934.

Drilling commenced Aug. 25, 1934.

Contractor, Everett Ferrell.

Record to depth of 1010' only.

	Top.	Bottom.
Surface	0	20
Sand (hole full water, 35')	20	85
Coal	85	87
Sand	87	256
Coal	256	259
Sand	259	350
Slate	350	389
Sand	389	422
Slate	422	560
Coal	560	562
Sand	562	605
Coal	605	607
Sand	607	629
Slate	629	750
Sand	750	827
Coal	827	829
Sand	829	967
Slate	967	1010

(RECORD INCOMPLETE)

30-232

WEST VIRGINIA DEPARTMENT OF MINES

OIL AND GAS DIVISION

PRELIMINARY DATA SHEET NO. 1

File No. \_\_\_\_\_ Well No. 784

Godfrey L. Cabot, Inc. Company of Charleston, W. Va.

\_\_\_\_\_ on the Federal Coal Co. Farm

containing 18548 acres. Location \_\_\_\_\_

Sherman District, in Boone County, West Virginia

The surface of the above tract is owned in fee by Federal Coal Co.

of Charleston, W. Va. address, and the mineral rights are owned by

Federal Coal Co. of Charleston, W. Va.

The oil and gas privileges are held under lease by the above named company, and this well is drilled under permit

No. Boo - 252 issued by the West Virginia Department of Mines, Oil and Gas Division

March 18, 1934

Elevation of surface at top of well, 1657.58 Spirit ~~\_\_\_\_\_~~

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

\_\_\_\_\_ feet \_\_\_\_\_ size. Wood conductor.

21 feet 10" size, csg. \_\_\_\_\_ feet \_\_\_\_\_ sized csg.

851 feet 6 1/2" 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 85 feet, thickness 24 inches, and at 256

feet; thickness 36 inches; and at 500 feet; thickness 24 inches.

and at 605 feet; thickness 24"; and at 827 feet; thickness 24".

Liners were used as follows: (Give details) \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

September 18, 1934

Date.

Approved GODFREY L. CABOT, INC., Owner.

By \_\_\_\_\_ (TITLE)

rec'd from OGIS  
4/88  
SEP 1 1934

WELL RECORD

PRELIMINARY RECORD - DEPT. OF MINES

SERIAL NO. 784 LEASE NO. \_\_\_\_\_ OPERATING DIST. Boone MAP SQUARE 10-36

RECORD OF WELL No. 54 on the  
 Federal Coal Co. Farm of Acres  
 in Sherman District  
Boone County  
 Field, State of West Va.

Rig Commenced 19  
 Rig Completed 19  
 Drilling Commenced August 25, 19 34  
 Drilling Completed 19

Drilling Cost \_\_\_\_\_ per foot

Contractor is: Everett Ferrell

Address:

Drillers' Names

*Boone-232*

CASING AND TUBING			INITIAL OPEN FLOW
SIZE	USED IN DRILLING	LEFT IN WELL	
16			_____ of Water in _____ inch
			10ths _____ of Merc. in _____ inch
13			10ths _____ Volume _____ Cu. ft.
10	21	21	<b>SHOOTING RECORD</b>
8 1-4	831	831	Date Shot _____
6 5-8			No. of Quarts _____
5 3-16			<b>OPEN FLOW AFTER TUBING</b>
3			_____ of Water in _____ inch
2			10ths _____ of Merc. in _____ inch
			10ths _____ Volume _____ Cu. ft.

**TUBED & SHUT IN**

Date \_\_\_\_\_ Rock Pressure \_\_\_\_\_ Lbs. \_\_\_\_\_ Hrs.

Size of Packer \_\_\_\_\_ **24 HR. PRODUCTION TEST AFTER TUBING**

Kind of Packer \_\_\_\_\_ M. Cu. Ft. \_\_\_\_\_ Line Pres. \_\_\_\_\_

Packer Set, Depth \_\_\_\_\_ **OIL PRODUCTION**

Size of Anchor \_\_\_\_\_ Oil Flowed \_\_\_\_\_ Bbls. 1st 24 Hrs.

Perf.—Top \_\_\_\_\_ Bot. \_\_\_\_\_ Oil Pumped \_\_\_\_\_ Bbls. 1st 24 hrs.

Perf.—Top \_\_\_\_\_ Bot. \_\_\_\_\_ Well Abandoned and

Elevation 1606 B. 1637.38

Plugged \_\_\_\_\_ 19 \_\_\_\_\_

FORMATION	COLOR	TOP	BOTTOM	STEEL LINE MEASUREMENTS	HARD OR SOFT	OIL, GAS OR WATER	DEPTH FOUND	DISTANCE ABOVE OR BELOW S. L.	REMARKS
Surface		-	20						
Sand		20	85			Water	85'		Hole full
Coal		85	87						
Sand		87	256						
Coal		256	259						
Sand		259	350						
Slate		350	389						
Sand		389	422						
Slate		422	560						
Coal		560	562						
Sand		562	605						
Coal		605	607						
Sand		607	629						
Slate		629	750						
Sand		750	827						
Coal		827	829						
Sand		829	967						
Slate		967	1010						

SEP 19 1934

Boone 104A  
6232

Sherman District, Boone County, W. Va.  
 By Hope Natural Gas Co., 1015 W. Main St., Clarksburg, W. Va.  
 On 15.343 acres.  
 Elevation, 1637' L.  
 Surface and minerals owned by Federal Coal Co., Charleston, W. Va.  
 Drilling commenced August 23, 1934; completed, Nov. 2, 1934.  
 Shot Nov. 8, 1934, at 3072-3257', with 80 qts.  
 Open flow, 12/10ths W. in 2".  
 Volume, 146,000 cu. ft.  
 Oil, none.  
 Fresh water at 35'.  
 Salt water at 1670'.  
 10" casing, 25'; 8 1/2", 828'; 6 3/4", 2247'; 5 1/2", 2776'+ 2" tubing, 3429'.  
 Casing not cemented.  
 Coal was encountered at 85-87, 256-259, 360-362, 605-607, and 827-829'.  
 Gas well. Abandonment reported to Dept. of Mines Nov. 2, 1943.  
 Record to NCT from Mrs. Griffith Nov. 10, 1943.

	Top.	Bottom.
Surface gravel	0	20
Sand	20	85
Coal	85	87
Sand	87	256
Coal	256	259
Sand	259	350
Slate	350	389
Sand	389	422
Slate	422	560
Coal	560	562
Sand	562	605
Coal	605	607
Sand	607	629
Slate	629	750
Sand	750	827
Coal	827	829
Sand	829	967
Slate and shells (chow gas, 1008')	967	1010
Slate and shells	1010	1125
Sand	1125	1157
Slate	1157	1198
Sand	1198	1368
Granular Sand	1368	1472
Black slate	1472	1482
Sand and lime	1482	1540
Salt Sand (water, salty, 1670')	1540	2006
Lime	2006	2040
Sand	2040	2106
Lime	2106	2233
Sand	2233	2257
Lime	2257	2264
Sand	2264	2276
Lime	2276	2312
Slate	2312	2316
Red rock	2316	2344
Lime	2344	2370
Slate	2370	2375
Red rock	2375	2390

FEDERAL COAL CO. NO. 7653 WELL (Continued).

	Top.	Bottom.
Line	2390	- 2408
Red rock	2408	- 2419
Line	2419	- 2435
Sand	2435	- 2450
Line	2450	- 2594
Slate and shells	2594	- 2680
Little line	2680	- 2695
Pencil Cave	2695	- 2700
Big Line	2700	- 2990
Big Injun Sand	2990	- 3005
Slate and shells	3005	- 3050
Weir Sand (gas, 3074, 3104, 3199, 3252')	3050	- 3256
Slate	3256	- 3309
Line	3309	- 3325
Slate and shells	3325	- 3437
Coffee Shale	3437	- 3448
Berea Sand	3448	- 3457
Slate	3457	- 3463
Total depth		3463

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

519

WELL RECORD

Permit No. Box 104-A - 232

Oil or Gas Well Gas  
(KIND)

Company Hope Natural Gas Company  
Address 445 W. Main St. Clarksburg, W. Va.  
Farm Federal Coal Co. Acres 18,348  
Location (waters) \_\_\_\_\_  
Well No. 7653 Elev. 1637  
District Sherman County Boone  
The surface of tract is owned in fee by Federal Coal Co.  
Address Charleston, W. Va.  
Mineral rights are owned by Federal Coal Co.  
Address Charleston, W. Va.  
Drilling commenced 8-23-34  
Drilling completed 11-2-34  
Date Shot 11/8,9/34 From 3072 To 3257  
With 80 qts.  
Open Flow 12 /10ths Water in 2 Inch  
/10ths Merc. in \_\_\_\_\_ Inch  
Volume 146,000 Cu. Ft.  
Rock Pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.  
Oil None bbls., 1st 24 hrs.  
Fresh water 35 feet \_\_\_\_\_ feet  
Salt water 1670 feet \_\_\_\_\_ feet

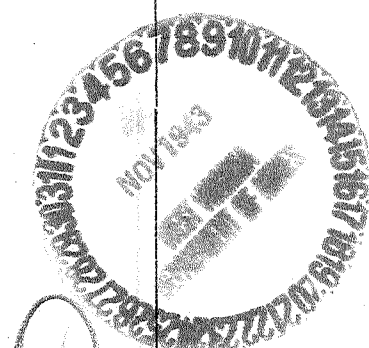
Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16.			
13.			
10.	25	25	Size of
8 1/4	828	828	
6 1/2	2247	2247	Depth set
5 3/16	2776	2776	
3.	<del>3429</del>	None	Perf. top
2.	3429	None	Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_

Not cemented

COAL WAS ENCOUNTERED AT 85 FEET 24 INCHES  
256 FEET 36 INCHES 560 FEET 24 INCHES  
605 FEET 24 INCHES 827 FEET 24 INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Surface Gravel			0	20			
Sand			20	85			
Coal			85	87			
Sand			87	256			
Coal			256	259			
Sand			259	350			
Slate			350	389			
Sand			389	422			
Slate			422	560			
Coal			560	562			
Sand			562	605			
Coal			605	607			
Sand			607	629			
Slate			629	750			
Sand			750	827			
Coal			827	829			
Sand			829	967			
Slate & Shells			967	1010			
Slate & Shells			1010	1125			
Sand			1125	1157			
Slate			1157	1198			
Sand			1198	1368			
Crampus			1368	1472			
Black Slate			1472	1482			
Sand & Lime			1482	1540			
Salt Sand			1540	2006			
Lime			2006	2040			
Sand			2040	2106			
Lime			2106	2233			
Sand			2233	2257			
Lime			2257	2264			
Sand			2264	2276			
Lime			2276	2312			
Slate			2312	<del>2312</del> 2316			
Red Rock			2316	2344			
Lime			2344	2370			
Slate			2370	2375			
Red Rock			2375	2390			
Lime			2390	2408			
Red Rock			2408	2419			
Lime			2419	2435			
Sand			2435	2450			

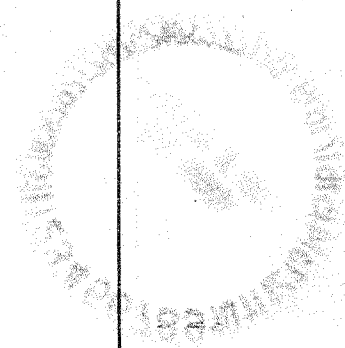


Show gas 1008

Water - Salty 1670



Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Line			2450	2594			
Slate & Shells			2594	2680			
Little Lime			2680	2695			
Pencil Cave			2695	2700			
Big Lime			2700	2990			
Big Injun			2990	3005			
Slate & Shells			3005	3050			
Weir			3050	3256	Gas-	3074, 3104, 3199,	3252
Slate			3256	3309			
Lime			3309	3325			
Slate & Shells			3325	3437			
Coffee Shale			3437	3448			
Berea			3448	3457			
Slate			3457	3463			
Total depth				3463			



Date November 2, 1943

APPROVED \_\_\_\_\_, Owner

By [Signature] Gen. Supt.

(Title)