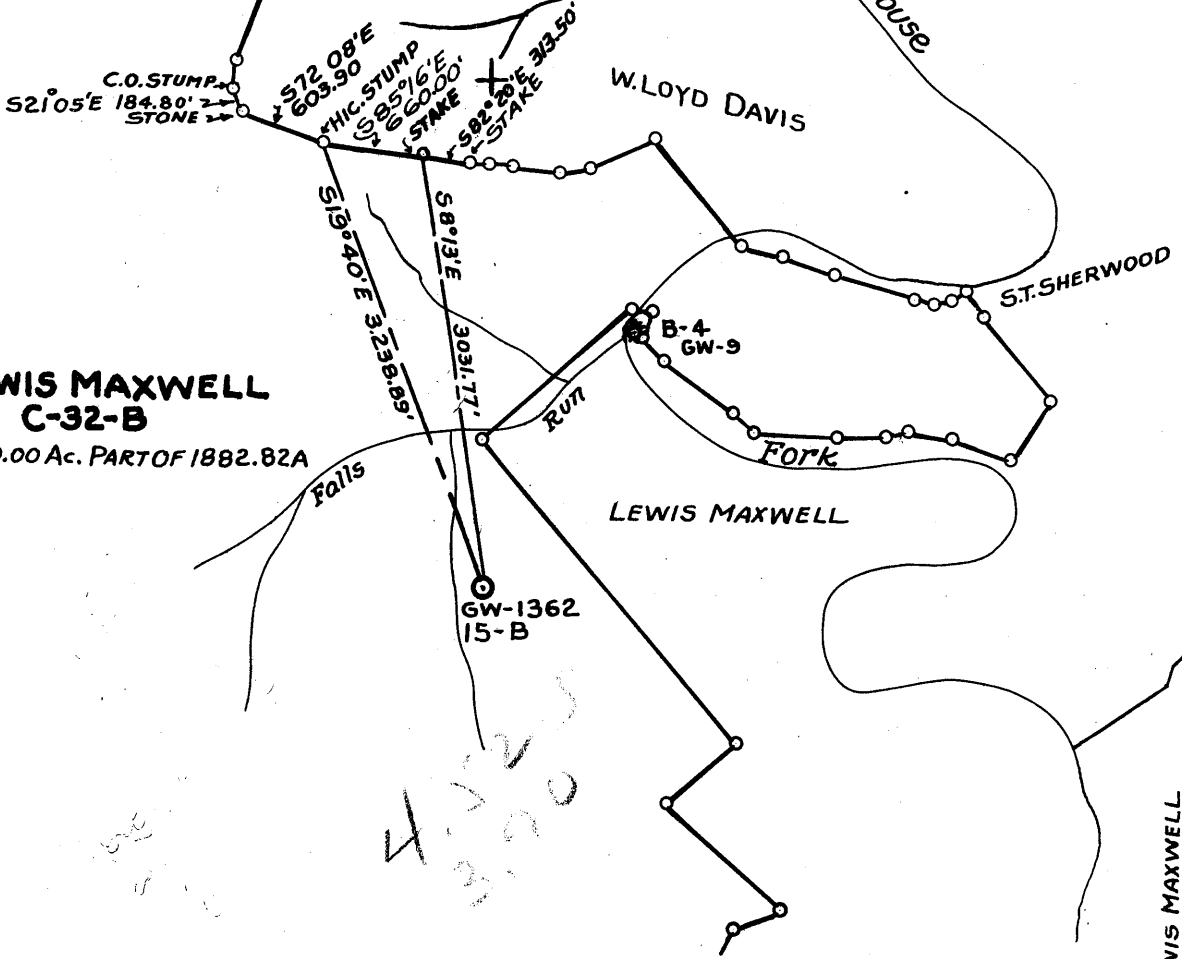


Latitude 39° 20'

Longitude 80° 40'

**LEWIS MAXWELL
C-32-B**
1500.00 Ac. PART OF 1882.82A



New Location
 Drill Deeper
 Abandonment

Company COLUMBIAN CARBON COMPANY

Address BOX 873 CHARLESTON W.VA.

Farm LEWIS MAXWELL
(PART OF 1882.82 Ac.)

Tract _____ Acres 1500.00 Lease No. C-32-B

Well (Farm) No. 15-B Serial No. GW-1362

Elevation (Spirit Level) 985.20'

Quadrangle CENTERPOINT 9 S-456 W-392

County DODDRIDGE District NEW MILTON

Engineer R.B. Anderson

Engineer's Registration No. 2074

File No. _____ Drawing No. W-5-62

Date FEB. 6-1962 Scale 1" = 1320'

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

WELL LOCATION MAP

FILE NO. Dod-720

+ 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.

Sampler



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION ⁶

Quadrangle Centerpoint 9 SW

Permit No. Dod-720

WELL RECORD

Oil or Gas Well Gas
(KIND)

Company Columbian Carbon Company
Address Box 873, Charleston 23, W. Va.
Farm Lewis Maxwell Acres 1882.82
Location (waters) Falls Run
Well No. 15-B, GW-1362 Elev. 985.20'G
District New Milton County Doddridge
The surface of tract is owned in fee by Delbert B. Adams

Mineral rights are owned by Mrs. Grace Gaylord, etal
420 Kemmerer Road Address State College, Pa.
(for further add. contact C. C. C.)
Drilling commenced 3-21-62

Drilling completed 4-19-62
Date Shot not shot From _____ To _____

Open Flow 20/10ths Water in 2 Inch
_____/10ths Merc. in _____ Inch

Volume 189,000 Cu. Ft.
Rock Pressure 280 lbs. 16 hrs.

Oil _____ bbls., 1st 24 hrs.
WELL ACIDIZED not acidized

WELL FRACTURED see reverse side

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer _____
16			<u>Anchor</u>
13			Size of <u>5-1/2"</u>
10 3/4"	<u>30'</u>	<u>30'</u>	Depth set <u>1,385'</u>
8 1/4"			Perf. top _____
7" 23#	<u>971'</u>	<u>971'</u>	Perf. bottom _____
5 3/16" 14#	<u>1671'5"</u>	<u>1671'5"</u>	Perf. top _____
3			Perf. bottom _____
2 3/8" 4#	<u>1753'9"</u>	<u>1753'9"</u>	
Liners Used	<u>w/ 2" cage set at</u>		
	<u>1745'6"</u>		

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
see reverse side

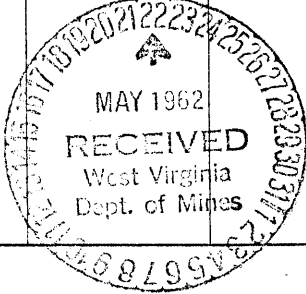
COAL WAS ENCOUNTERED AT none FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

RESULT AFTER TREATMENT 70/10 M. 2" = 1,302MCF (Big Injun 1175M -- Salt Sand 127M)

ROCK PRESSURE AFTER TREATMENT 96 hours 570#

Fresh Water _____ Feet Salt Water _____ Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Top Soil			0	8			
Sand			8	16			
Shale			16	40			
Lime			40	53			
Shale			53	63			
Red Rock			63	95			
Sand			95	140			
Gritty Lime			140	170			
Slate			170	178			
Lime			178	191			
Red Rock			191	215			
Shale			215	230			
Lime			230	247			
Black Slate			247	249			
Lime			249	286			
Lime and Slate			286	390			
Slate and Shells			390	405			
Gritty Lime			405	415			
Sand			415	427			
Slate and Shells			427	462			
Lime			462	472			
Slate			472	484			
Lime			484	532			
Slate and Shells			532	610			
Red Rock			610	620			
Slate and Shells			620	640			



Formation	Color	Hard or Soft	Top <i>b</i>	Bottom	Oil, Gas or Water	Depth Found	Remarks
Lime			640	660			
Sand			660	678			
Slate			678	788			
Sand			788	810			
Slate			810	818			
Sand			818	995			
Slate			995	1005			
Lime			1005	1015			
Sand			1015	1045			
Lime			1045	1092			
1st Salt Sand			1092	1208			
Slate and Shells			1208	1257			
Lime			1257	1271			
Slate and Shells			1271	1295			
Lime			1295	1319			
Sand			1319	1341			
Slate and Shells			1341	1361			
Brown Shale			1361	1377	1399'SLM=1394'DLM		
Sand			1377	1405	Gas	1383-85' 50/10 W. 2"=298M	
Slate and Shells			1405	1514			
Maxon Sand			1514	1530			
Slate and Shells			1530	1550			
Red Rock			1550	1553			
Slate and Shells			1553	1578			
Little Lime			-1578	1588			
Slate and Lime			1588	1615			
Big Lime			-1615	1695			
Big Injun			1695	1784	Gas	1733-48' incr. from 133M	
Shale			1784	1800		to 28/10 W. 2" =223M	
Total Depth				1800'			
Samples Show:							
Salt Sand			1370	1402			
Big Injun			1695	1784'			
CASING RECORD							
3-30-62 Ran 7" 20# casing at 958' - aquagelled with 3 bags.							
4-17-62 Ran 5-1/2" 14# casing with anchor packer set at 1381'. Casing Leaked. Pulled 5-1/2" and re-ran 4-24-62 with packer set at 1385' and shoe at 1659'							
Perforated 1404-06' gas gauged 20/10 W. 2" = 189MCF - 16 hour rock pressure 280#.							
FRACTURED THE BIG INJUN 5-2-62							
Before fracturing gas gauged 189MCF (All gas). Pumped in 1,000 gallons acid-broke down at 1800#. Final pumping pressure 1700#. Pumping time 16 minutes. Used 23,000# sand, 625 bbls. water. Average injection rate 29.7 bbls/minute, 1 drum TMN- 1 drum T-08. Flushed with 25 bbls. water.							
Final open flow 70/10 M. 2" = 1,302 MCF (all gas) (Big Injun 1175M -- Salt sand 127M)							

May 21

62

Date....., 19

APPROVED Columbian Carbon Company, Owner

By W. S. Moore, Mgr. of Prod.
(Title)