



Latitude 39° 20'

Longitude 80° 40'

**LEWIS MAXWELL
C-32-B
1500 A PART OF 1882.82 A Run.**

- New Location
- Drill Deeper
- Abandonment

Company COLUMBIAN CARBON COMPANY
 Address BOX 873 CHARLESTON W.VA.
 Farm LEWIS MAXWELL
PART OF 1882.82 A
 Tract _____ Acres 1500.00 Lease No. C-32-B
 Well (Farm) No. 16-B Serial No. GW-1363
 Elevation (Spirit Level) 983.26'
 Quadrangle CENTERPOINT 9 SW 5-418 W-410
 County DODDRIEGE District NEW MILTON
 Engineer R. B. Anderson
 Engineer's Registration No. 2074
 File No. _____ Drawing No. W-6-62
 Date FEB. 8-1962 Scale 1" = 1320'

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

WELL LOCATION MAP
 FILE NO. Dod-721

+ 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.

SAMPLES



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

Quadrangle Centerpoint 9 SW

Permit No. Dod -721

WELL RECORD

Oil or Gas Well Gas
(KIND)

Company Columbian Carbon Company
Address P. O. Box 873, Charleston 23, W. Va.
Farm Lewis Maxwell Acres 1882.82
Location (waters) Laurel Fork
Well No. 16-B, GW-1363 Elev. 983.26'
District NEW MILTON County Doddridge
The surface of tract is owned in fee by Grace Gaylord, et al
420 Kemmerer Rd. Address State College, Pa.
Mineral rights are owned by Grace Gaylord, et al
(for further add. contact C. C. C.)
Address _____
Drilling commenced 5-14-62
Drilling completed 6-17-62
Date Shot not shot From _____ To _____
With _____
Open Flow 10 /10ths Water in 1 Inch
_____/10ths Merc. in _____ Inch
Volume 33,333 Cu. Ft.
Rock Pressure 350 lbs. 12 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>none</u>
13			Size of
10 3/4"	32'9"	32'9"	Depth set
8 1/4"			Perf. top
7" 23#	808'10"	808'10"	Perf. bottom
5 3/16" 14#	1712'9"	1712'9"	Perf. top
3			Perf. bottom
3/8" 4#	1759'9"	1759'9"	
Liners Used	w/ cage on bottom		

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 42/10 W. 5-1/2" = 1,738 MCF (Big Injun)
ROCK PRESSURE AFTER TREATMENT 43 hours 475#
Fresh Water _____ Feet Salt Water _____ Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Top Soil			0	10			
Clay			10	20			
Lime			20	30			
Slate			30	43			
Lime			43	50			
Slate			50	55			
Red Rock			55	60			
Sand			60	85			
Slate and Lime			85	100			
Red Rock			100	120			
Sand			120	195			
Slate			195	202			
Lime			202	240			
Red Rock			240	250			
Slate			250	282			
Lime			282	300			
Slate			300	317			
Lime			317	350			
Sand			350	365			
Slate			365	400			
Red Rock			400	420			
Slate and Shells			420	500			
Red Rock			500	565			
Slate			565	615			
Red Rock			615	690			
Slate			690	700			



Formation	Color	Hard or Soft	Top ⁶	Bottom	Oil, Gas or Water	Depth Found	Remarks
Red Rock			700	750			
Slate			750	796			
Little Dunkard Sand			796	847			
Slate			847	883			
Lime			883	890			
Big Dunkard Sand			890	1000			
Slate			1000	1015			
Sand			1015	1045			
Slate and Shells			1045	1082			
Sand			1082	1090			
Slate			1090	1105			
Sand			1105	1215			
Slate			1215	1265			
Lime			1265	1270			
Slate			1270	1301			
Lime			1301	1330			
Sand			1330	1423	Gas	1404-06' 2/10 W. 2"=60M	
Slate and Shells			1423	1530	1406'SLM=1408'DLM		exhausted
Maxon Sand			1530	1570			
Slate and Shells			1570	1580			
Red Rock			1580	1583			
Slate and Shells			1583	1604			
Blue Monday Sand			1604	1645			
Big Lime			1645	1730	1701'SLM=1697'DLM		
Big Injun Sand			1730	1805	Gas	1740' 10/10 W. 1"=33M	
Slate and Shells			1805	1830			
Total Depth-----				1830'			
<u>CASING RECORD</u>							
5-14-62	Ran 10-3/4" drive pipe at 33'DLM						
5-26-62	Ran 7" at 802'DLM with shoe-set in 20' red mud.						
6-8-62	Ran 5-1/2" with shoe 1701'SLM=1697'DLM. Cemented with 15 sacks.						
<u>FRACTURING RECORD</u>							
Fractured Big Injun 6-21-62. Before fracturing gas gauged 33 MCF. Pumped in 1500 gallons acid-broke down at 2300# to 1150#. Displaced acid-let set 3 hours-then started sand and water. Started sand at 1/2#/gallon-increased to 2-1/4#/gallon. Treating pressure 1100# to 1500#. Used 486 barrels sand and water, 30,000# 20-40 sand, 55 gallons TMN and 55 gallons T-08. Injection rate 20 bbls/minute. Flushed with 60 bbls. water. 5 minutes after shut down pressure 600#.							
Final open flow 42/10 W. 5-1/2" = 1,738 MCF - 43 hour rock pressure 475#.							

Date July 16, 1962

APPROVED Columbian Carbon Company, Owner

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