

WEST VIRGINIA DEPARTMENT OF MINES
OIL & GAS DIVISION
W E L L R E C O R D

Permit No Jac-144
 Company Columbian Carbon Co.
 Address Box 1240, Charleston, W.Va.
 Farm Putnam Co. Acres 1190
 Location Dudden Fork of Poca River
 Well No 5 (GW-489) Elev. 930.7 DF
 District Ripley Jackson County
 Surface R.L. Fisher, R #1, Kenna, W.Va.
 Mineral The Putnam Co. et al
 (Contact Col. Carbon-addresses)
 Commenced 5-25-41
 Completed 8-12-41
 Shot 8-16-41 Depth 5235 SLM-5261 SLM
 with 183# 80% Gelatin
 Volume 2479 MCF
 Rock Pressure 1050 lbs 9 days
 Oil 1110 show; 5300-02 show
 Fresh Water 968' Exhausted; 1180-85 1-10" blr.
 pr. hr.
 Salt Water 1620 Hole Full

Gas Well
 Casing & Tubing
 16 47'10" 47'10"
 10 $\frac{1}{2}$ 984'7" 315'9"
 8 5/8 2161'7" 2161'7"
 7 5180'10" 5180'10"
 2 3/8 5250'6" 5250'6"
 Liner
 3 $\frac{1}{2}$ " 92'3" 92'3"
 No Packer

Surface	0	10	Slate & Shells	2523	3735
Sand	10	105	Brown Shale-441	3735	3900
Red Rock	105	155	Slate & Shells	3900	4005
Grey Slate	155	178	Brown Shale	4005	4070
Red Rock	178	231	White Slate	4070	4200
Slate	231	239	Brown Shale	4200	4356
Red Rock	239	265	Slate & Shells	4356	4793
Grey Shale	265	310	Brown Shale	4793	5041
Red Rock	310	325	-Black Shale-MARSHALLS	5041	5129 SLM
Slate	325	333	-Corniferous Lino-463	5129 SLM	5235 SLM
Red Rock	333	361	-Oriskany Sand	5235	" 5294
Slate	361	371	-Black Lino	5294	5302 Oil Sh.
Sand	371	380	Grey Lino	5302	5305 5300-02
Green Shale	380	435	-Oriskany	5305	5313 DLM
Red Rock	435	445		DLM 5313	5302 SLM
Sl. & Shells	445	505	TOTAL DEPTH	495	5302 SLM
Coal	505	507	PAYS: 5242-55; 5267-72; 5274-77		
Shale & Shells	507	515	5281-84		
Sandy Lime	515	520	Tools in hole and could not fish out.		
Red Rock	520	543	Top of tools 5261' SLM		
Slate & Shells	543	552			
Red Rock	552	660	Cement Record: 6-7-41-Set 10 $\frac{1}{2}$ casing		
Grey Slate	660	750	in 20 pails of red mud.		
Red Rock	750	797	6-26-41 Cemented 8 5/8" casing. Ran		
Slate & Shells	797	832	80 sacks Alpha. cement and 1 sack		
Sand	832	864	aquagel. 25 $\frac{1}{2}$ ' cement in pipe.		
Slate	864	930	7-31-41 Cemented 7" casing. Ran 12		
Sand	930	1032	sacks Superior cement in dump bailer.		
Slate	1032	1099	50' solid---50' cement in hole.		
Sand	1099	1106			
Slate	1106	1110	Sh.Oil		
Sand	1110	1223	1110		
Slate	1223	1235			
Sand	1235	1313			
Slate	1313	1320			
Sand	1320	1368			
Slate & Shells	1368	1500			
Sand	1500	1520			
Slate & Shells	1520	1540			
Salt Sand	1540	1843			
Slate	1843	1849			
Maxon Sand	1849	1898			
Slate	1898	1905			
Big Lime	1905	2062			
Big Injun	2062	2134			
Lime	2134	2139			
Slate & Shells	2139	2152	SLM		
Black Lime	2152	2160	SLM		
Slate & Shells	2160	2511			
Berea Sand	2511	2523	Gas Sh.		
			2520		