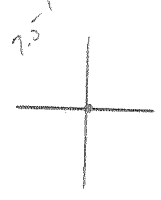


LATITUDE (15' 47.5") 38° 30'

(15' 47.5") 81° 30'

LONGITUDE



7.5 OGIS topo location

7.5' LOC	<u>1.88s</u>	15' LOC	<u>1.88s</u>
	<u>1.89w</u>	(calc.)	<u>1.89w</u>

Company Columbian Carbon

Farm Jefferson Medley 1 (GW-366)

Quad Big Chimney 7.5' / Charleston 15' (2)

County Kanawha

District ELK

WELL LOCATION MAP

File No. 039-286
Kanawha

Gas

DEEP WELL 6-6 ELK-Poca (Sissonville) (192)

WEST VIRGINIA DEPARTMENT OF MINES

OIL & GAS DIVISION

W E L L R E C O R D

Permit No. Kan-286

Gas Well

Charleston Quad.

Company Columbian Carbon Co.
 Address Box 1240 - Charleston, W. Va.
 Farm Jefferson Medley - Acres 114.34
 Location Rt. Fork of Lock Branch
 Well No. 1 (GW-366) Elev. 912.7
 District Elk - County Kanawha
 Surface Jefferson Medley
 Address 1133 Hickory Ave., Charleston
 Mineral Jefferson Medley
 Address 1133 Hickory Ave. Charleston
 Drilling Commenced 9-30-36
Completed 1-10-37
 Date Shot 1-9-37 - Depth 5042-62-1/2'
 Open Flow 26/10ths Merc. in 6-5/8" O.D. (24#)
 Volume 7,844,060 c.f.
 Rock Pressure 1450 lbs. 24 hrs.
 Salt Water 1090; 1144; 1200

CASING & TUBING

Size	Used	Left in W.
14" OD	60'8"	60'8"
10-3/4"	503'8"	-
8-5/8"	1618'4"	1618'4"
6-5/8"	4967'	4967'

CASING CEMENTED

Size	6-5/8
Feet	601
Date	12-14-37

Coal Encountered at:
468'48"

*1.92 S 30
2.05 W 30*

<u>Formation Color</u>					<u>Hor</u>				
	<u>Top</u>	<u>Base</u>	<u>Result</u>		<u>Top</u>	<u>Base</u>	<u>Result</u>		
Surface	0	10		Brown Shale				3566	3595
Red Rock	10	35		Slate				3595	3670
Slate	35	45		Brown Shale				3670	3710
Sand	45	75		Slate				3710	3750
Slate	75	90		Brown Shale				3750	3790
Lime	90	105		Slate & Shells				3790	3850
Sand	105	120		Brown Shale				3850	3940
Slate	120	130		Slate & Shells				3940	4502
Red Rock	130	160		Dark Slate				4502	4550
Slate	160	250		Brown Shale				4550	4825
Sand	250	320		White Slate				4825	4865
Slate	320	338		Brown Shale				4865	4888
Sand	338	350		Black Shale				4888	4918
Slate & Shells	350	420		Corniferous				4918	5031
Sand	420	435		Oriskany				5031	5065
Slate	435	468		Total Depth					5065
Coal	468	472	Show @ G-471'						
Sand	472	489							
Slate	489	490							
Sand	490	562							
Slate	562	602		SIM 1601'					
Sand	602	611		" 4918'					
Slate	611	627		" 5031'					
Sand	627	672		" 5046					
Slate	672	753							
Sand	753	822		PAY: - 1st 5043-44'					
Slate	822	944		2nd 5054-56'					
Sand	944	970							
Slate	970	980							
Sand	980	995							
Slate & Shells	995	1025							
Salt Sand	1025	1322	Gas @ 1060						
Slate	1322	1332							
Lime	1332	1363							
Sand	1363	1495							
Slate	1495	1509							
Maxton	1509	1525							
Slate	1525	1527							
Lime	1527	1532							
Slate	1532	1538							
Little Lime	1538	1570							
Pencil Cave	1570	1581							
Big Lime	1581	1745	Gas @						
Injun	1745	1761	1714						
Slate & Shells	1761	3370	2890						
Brown Shale	3370	3390	2985						
Slate & Shells	3390	3566							

*1745
913
- 832
1745
1581
154*

WEST VIRGINIA DEPARTMENT OF MINES

OIL & GAS DIVISION

WELL RECORD

201

Permit No. Kan-286-D

Gas Well

Charleston N. E. Quad

Company Columbian Carbon Co.
 Address Charleston, W. Va.
 Farm Jefferson Medley
 Acres 114.34
 Location Rt. Fk. of Lick Branch
 Well No. 1 (GW-366) Elev. 912.7
 District Elk - Kanawha County
 Sur.&Min. Jefferson Medley,
 Address Charleston, W. Va.
 Drilling Deeper commenced 9-11-37
 Deeper completed 9-13-37
 Volume 1,814,400
 Rock Pres. 840 lbs. 13 hrs.

CASING		
Size	Used	Left in Well
14	60'8"	60'8"
10-3/4	503'8"	Pulled
8-5/8	1618'4"	1618'4"
6-5/8	4967'	4967'
2-3/8	5098'4"	5098'4"
Liner:		
3 1/2"	75'	75'

PACKER
 OWS Conical sleeve
 Swabbing 2x6-5/8" 5" c"
 Depth Set ~~510~~ 5010'

ABD
 8/46

Formation	Color	Hor Top	Base	Result	Formation	Color	Hor Top	Base	Result
Old Total depth		(Oriskany)	5065						
<u>DRILLED DEEPER</u>									
Oriskany			5065	5081	Gas				5070'
Lime			5081	5085					
Total Depth				5085					