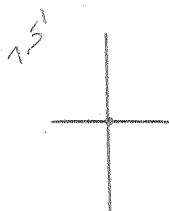


LATITUDE (7.5' 15') 38° 30'

(7.5' 15') 8 P 30'

LONGITUDE



7.5 OGIS topo location

7.5' 10C	<u>1.338</u>	15' 10C	<u>1.335</u>
	<u>1.84w</u>	(calc.)	<u>1.84w</u>

Company Columbian Carbon

Farm Genevieve R. Minsker 1 (GW-365)

Quad Big Chimney 7.5' / Charleston 15' (3) ^{NE}

County Kanawha

District Elk

WELL LOCATION MAP

File No. 039-273
Kanawha

Gas
DEEP WELL 6-6 Elk-Poca (Sissonville) (192)

WEST VIRGINIA DEPARTMENT OF MINES

OIL AND GAS DIVISION

WELL RECORD

XVI

Permit No. Kan-273

Gas Well

Company - Columbian Carbon Co.
 Address - Box 1240, Charleston, W. Va.
 Farm - Genevieve K. Minsker.
 Acres - 66.59
 Location - Oldhouse Branch
 Well No. - 1. (Gw-365) Elev. 866.7
 District - Elk County- Kanawha
 Surface & Mineral - Genevieve K. Minsker & Lucille M. Mendenhall
 1219 Elmwood Avenue
 Charleston, W. Va.
 Drilling - Commenced- 8-24-36
 Completed- 12-8-36
 Date Shot -
 Open Flow - 6,144,600 cu. ft. *01051012*
 Rock Press. - 1675 lbs. 5 days
 Oil - Show at 1068'
 Fresh Water - 285 feet
 Salt Water - 1068' 1135'

CASING & TUBING

14" OD 42
 10-3/4" OD 461' 11"
 6-5/8" OD 4931'
 8-5/8" OD 1616' 10"

*1.38 5.30
 1.87 W. 300*

Formation	Color	Hor	TOP	Bottom	Result	Formation	Color	Hor	TOP	Bottom	Result
Red Rock			0	33							
Blue Slate			33	55							
Sand			55	80							
Slate & Shells			80	170							
Sand			170	185							
Slate			185	220							
Sand			220	234							
Slate			234	280							
Sand			280	300	Water	285'	1 blr	per hr.			
Slate			300	392							
Sand			392	483							
Slate			483	545							
Sand			545	560							
Slate			560	594							
Sand			594	684							
Slate			684	732							
Sand			732	823							
Slate			823	840							
Sand			840	865							
Slate			865	945							
Sand			945	980							
Slate			980	1030							
Red Rock			1030	1035							
Salt Sand			1035	1536	Water, oil, gas	1068'					
Slate			1536	1541	HF Water	1135'					
Little Lime			1541	1571							
Pencil			1571	1574							
Black Lime			1574	1580							
Big Lime			1580	1758	Gas	1682'	20/10 W.	8"	blew down to	3/10 #.	
Big Injun Sand			1758	1798	1"						
Slate & Shells			1798	2545							
Lime Shell			2545	2560							
Slate & Shells			2560	3375							
Shale			3375	3470							
Slate			3470	3680							
Shale			3680	4077							
Slate			4077	4660	Gas	5046-47'	2/10 W.	1"			
Shale			4660	4838	Gas	5047-1/2'	6/10 W	1"			
Slate			4838	4877	Gas	5048-1/2'	6/10 W	1"			
Brown Shale			4877	4924	Gas	5052'	6/10 W.	1"			
Corniferous Lime			4924	5034	Gas Pay	5054-59'					
Oriskany Sand			5034	5059							
Total Depth				5059							

WEST VIRGINIA DEPARTMENT OF MINES

OIL AND GAS DIVISION

Permit No. Kan 273-D

W E L L R E C O R D

Gas Well

Charleston Quad.

DRILLED DEEPER

CASING & TUBING

Company	Columbian Carbon Co.	3 1/2	93'9"	93'9"
Address	Box 1240, Charleston, W.Va.	2 5/8	5136'9"	5136'9"
Farm	Genevieve Minsker			
	Acres 66.59			
Location	Oldhouse Branch			
Well No.	1 (GW-365)			
	Elev. 866.7			
District	Elk			
	County Kanawha			
Surface	F.L.Patrick & Erna B.Patrick, Big Chimney, W.Va.			
Mineral	Genevieve K. Minsker & Lucille Mendenhall			
Address	Charleston, W.Va.			
Drilling (Deeper)	Commenced 1-6-38			
	Completed 1-12-38			
Date Shot	1-13-38	Depth	5047-5077	
Volume	2,893,800 Cu.Ft.			
Rock Press.	610#	47 1/2 hrs.		

Formation	Color	Hgr	TOP	Base	Result	Formation	Color	Hgr	TOP	Base	Result	
OLD TOTAL DEPTH (Oriskany)						5059						
<u>DEEPENING RECORD</u>												
Oriskany			5059	5074								
Lime			5074	5081								
Oriskany			5081	5108								
Lime			5108	5122								
NEW TOTAL DEPTH						5122						
						5122						
						5059						
						63.00	ft					