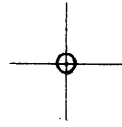


LATITUDE 39° 47' 30"



LONGITUDE 100° 04' 00"

7'5 OGIS topo location

7.5' loc 1.10S ✓ 15' loc _____
 1.33W (calc.) _____

Company _____

Farm _____

Quad GLEN EASTON 7 1/2'

County MARSHALL

District MEADE

WELL LOCATION MAP

File No. 051 - 594

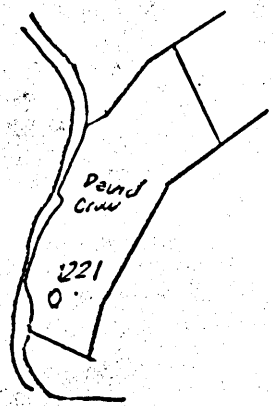
(023)

COMPANY COLUMBIA GAS TRANSMISSION CORPORATION MAP NO. Glen Easton

FARM David E. Crow WELL NO. 601221

DISTRICT Meade COUNTY Marshall STATE WV

SCALE: 1" = 1320' LONG: 80° 41' 37" LAT. 39° 46' 25"



Sq. 294-257

MSH-594

Division **W. N. G. Co.** Company
 Record of well No. **1-1221** on **Isaac Crow** Farm **30** Acres
Field Meade District **Marshall** County **W. Va.** State
 Rig Commenced **19** Completed **19**
 Drilling Commenced **7/6/03** Completed **8/24/08** **19**
 Contractor **Rowley & Amsler** Address **Cameron W. Va.**
 Driller Name **Lee Barry and Jas. Hagerson** West Rine and Bern Hartman

CASING AND TUBING RECORD

Conductor	1 1/2"	10"	4"	7"	6 1/2"	5 1/2"	4"	3"
Used in Drig.	80	180	800		1700			
Left in well	16	80	Pulled	160		1700	2375	

PACKER RECORD

SHOOTING RECORD

Size	Depth Set	Type Packer	Date	Type Explosive	Amount	DEPTH		Volume Before Cu. Ft.	Volume After Cu. Ft.
						Top	Bottom		

VOLUME AND PRESSURE

Date	Reading in inches	Liquid	Size Orifice	Volume	Sand	PRESSURE IN MIN.					24 Hour R. P.	Max. R. P.	Hours	
						1	5	10	30	60				

TOTAL INITIAL OPEN FLOW

CUBIC FEET PER 24 HOURS

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Clay	0	5		
Gravel	5	86		
Gravel, Sand & Lime	80	180		
Sand, Lime & Slate	180	280		
Mapletown Coal	280	285		
Slate & Lime	285	376		
Pittsburgh Coal	376	386		
Lime & Slate	386	800		
Cow Run Sand	800	840		
Slate & Shale	840	890		
Dunkard Sand	890-	920		
Slate & Lime	920	990		
Gas Sand	990	1030		
Slate, Red Rock & Shale	1030	1263		
Salt Sand	1263	1310		
Slate	1310	1350		
Maxon Sand	1350	1414		
Big Lime	1414	1497		
Big Injun	1497	1775		
Slate & Shale	1775	2085		
Berea Grit	2085	2100		
Slate & Shale	2100	2197		
Red Rock & Slate & Shale	2197	2357		
Gordon Sand	2357	2375		

MSH-594

594

Meads District, Marshall County, W. Va.

By Wheeling Natural Gas Co.

Located on the east bank of Fish Creek, 1/3 mi. above the mouth of Upper Bowman Run.

Elevation, 720' B.

	Top.	Bottom.
Clay	0	5
Gravel	5	80
Gravel, sand, and lime	80	180
Sand, lime, and slate	180	280
Mapletown (Sewickley) Coal	280	285
Slate and lime	285	376
Pittsburgh Coal	376	386
Lime and slate	386	800
Little Dunkard Sand	800	840
Slate and shale	840	890
Dunkard Sand	890	920
Slate and lime	920	990
Gas Sand (Lower Freeport)	990	1030
Slate, red rock, and shale	1030	1263
Salt Sand	1263	1310
Slate	1310	1350
Maxton Sand	1350	1414
Big Lime	1414	1497
Big Injun Sand	1497	1775
Slate and shale	1775	2085
Berea Grit Sand	2085	2100
Slate and shale	2100	2197
Red rock, slate, and shale	2197	2357
Gordon Sand (gas)	2357	2375

Interval from top of Pittsburgh Coal to Big Injun Sand.....1121 feet.

Interval from top of Pittsburgh Coal to Berea Grit Sand....1709 feet.

Interval from top of Pittsburgh Coal to red rock.....1821 feet.

Interval from top of Pittsburgh Coal to Gordon Sand.....1981 feet.