

WR-35
Rev (8-10)

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas
Well Operator's Report of Well Work

DATE: 9-12-2011
API #: 47-097-03444

Farm name: CYRUS KUMP ETUX 1 Operator Well No.: 626618

RECEIVED

LOCATION: Elevation: 1,860' Quadrangle: ROCK CAVE

SEP 21 2011

District: BANKS County: UPSHUR
Latitude: 10,475 Feet South of 38 Deg. 52' Min. 30" Sec.
Longitude 13,080 Feet West of 80 Deg. 17' Min. 30" Sec.

WV GEOLOGICAL SURVEY
MORGANTOWN, WV

Company: Chesapeake Appalachia, LLC

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
P.O. Box 18496, Oklahoma City, OK 73154	16"	Existing	39'	DRIVEN
Agent: <u>Eric Gillespie</u>	11 3/4"	Existing	265'	153.4
Inspector: <u>BILL HATFIELD</u>	8 5/8"	Existing	1,715'	384
Date Permit Issued: <u>5-14-2010</u>	5 1/2"	Existing	7,432'	329 cf
Date Well Work Commenced: <u>5-18-2010</u>	2 3/8"		7,022'	
Date Well Work Completed: <u>5-23-2010</u>				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft):				
Total Measured Depth (ft): <u>7,436'-CIBP @ 7,130'</u>				
Fresh Water Depth (ft.): <u>230'</u>				
Salt Water Depth (ft.): <u>NONE</u>				
Is coal being mined in area (N/Y)? <u>NO</u>				
Coal Depths (ft.): <u>N/A</u>				
Void(s) encountered (N/Y) Depth(s)				

OPEN FLOW DATA (If more than two producing formations please include additional data on separate sheet)

Producing formation Genesee/ Tully/ Hamilton/ Marcellus Pay zone depth (ft) 6,909' - 7,100'

(Onondaga Plugged - CIBP @ 7,130')

Gas: Initial open flow 15 MCF/d Oil: Initial open flow Bbl/d

Final open flow 240 MCF/d Final open flow Bbl/d

Time of open flow between initial and final tests Hours

Static rock Pressure psig (surface pressure) after Hours

Second producing formation Pay zone depth (ft)

Gas: Initial open flow MCF/d Oil: Initial open flow Bbl/d

Final open flow MCF/d Final open flow Bbl/d

Time of open flow between initial and final tests Hours

Static rock Pressure psig (surface pressure) after Hours

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and all the attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information I believe that the information is true, accurate, and complete.

Marlene Williams
Signature

9-15-2011
Date

Were core samples taken? Yes No

Were cuttings caught during drilling? Yes No

Were Electrical, Mechanical, or Geophysical logs recorded on this well?
Y/N Y/N Y/N

NOTE: IN THE AREA BELOW PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF THE TOPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE FROM SURFACE TO TOTAL DEPTH.

Perforated Intervals, Fracturing, or Stimulating:

(See Attached)

Formations Encountered: Top Depth / Bottom Depth
Surface:

BIG LIME	1487'
BIG INJUN	1689'
GORDON	1975'
BENSON	4016
RINESTREET	4660'
GENESEO	6875'
TULLY	6914'
MIDDLESEX	6650'
MARCELLUS	7020'
PURCELL	7061'
ONONDAGA	7110'
ORISKANY	7330'

PERFORATION RECORD ATTACHMENT

Well Name (Number): 626618

PERFORATION RECORD				STIMULATIONS						
Date	Interval Perforated		Date	Interval Treated		Fluid		Propping Agent		Average Injection
	From	To		Interval Treated	Type	Amount	Type	Amount		
11/16/2007	7,053	7,100	11/16/2007	7,053	7,100	Silk Wtr	19,377	Sand	342,500	81.0
PERFORATION RECORD										
Date	Interval Perforated		Date	Interval Treated		Fluid				
	From	To		Interval Treated	Type	Amount	Type	Amount		
5/20/2010	6,909	6,909	5/20/2010	6,899	6,907	15% HCL	15 gals			
5/19/2010	6,925	6,925	5/20/2010	6,917	6,925	15% HCL	15 gals			
5/19/2010	7,003	7,003	5/19/2010	6,985	7,003	15% HCL	15 gals			
5/17/2010	7,149	7,149	5/18/2010	7,133	7,149	15% HCL	15 gals			

Existing