WR-35

State of West Virginia DEPARTMENT OF ENERGY Division of Oil and Gas

Date: 3/1/2012 API# 47-091-01240

Well Operator's Report of Well Work

Longitude: 1,450 Feet West of 80 Degrees 5 Minutes 0 Second Company: TRIANA ENERGY, LLC. 900 VIRGINIA STREET E., SUITE 400 CHARLESTON, WV 25301 Casing Used Left Cement Agent: RACHELLE KING & in in Fill Up Inspector: BRYAN HARRIS Tubing Drilling Well Cu. Ft. Permit Issued: 8/15/2011 20" 80° 80° 115 cm Casing Used Left Cement Casing Used Left Cement Used In In Fill Up Inspector: BRYAN HARRIS	rarm Name: <u>MUSC</u>	ROVE, JOHN N	l., JR., ET UX	〈	Op	erator We	ll No. MU	ISGROVE	3.5H
District BOOTHS CREEK Latitude: 6,800 Feet South of 39 Degrees 22 Minutes 30 Secon Longitude: 1,450 Feet West of 80 Degrees 5 Minutes 0 Secon	Location: Ele	vation: 1417		_	Qi	adrangle:	GRAFTO	N 7.5	
Longitude: 1,450 Feet West of 80 Degrees 5 Minutes 0 Secon Company: TRIANA ENERGY, LLC. 900 VIRGINIA STREET E., SUITE 400 CHARLESTON, WV 25301 Agent: RACHELLE KING Inspector: BRYAN HARRIS Permit Issued: 8/15/2011 Date Well work Commenced: 1/8/2010 Date Well work Completed: 2/7/2012 9,625" 3079 3079 1317 c: 2/7/2012 9,625" 3079 3079 1317 c: 2/7/2012 Permit Issued: NA Rotary X Cable Tool Total Vertical Depth (ft): 7590' Total Measured Depth (ft): 7590' Total Measured Depth (ft): NONE Salt Water Depths (ft): NONE Social being mined in area (Y/N)? N Social being mined in area (Y/N)? N Coal Depths: 554, 740 POEN FLOW DATA: Producing formation(s): Gas: Initial open flow 0 MCP/D Oil: Initial open flow 0 Bbl/d Final open flow between initial and final tests: Hours Static rock pressure 0 psig (surface pressure) after 0 Hours Second producing formation(s): NA Pay zone depth (ft) 0 Gas: Initial open flow MCP/D Final open flow Bbl/d Final open flow MCP/D Final open flow 0 Bbl/d Final open flow MCP/D Final open flow 0 Bbl/d Final open flow MCP/D Final open flow Bbl/d Final open flow between initial and final tests: Hours Static rock pressure psig (surface pressure) after Hours Static rock pressure psig (surface pressure) after Hours	Dis	trict: BOOTHS	CREEK			_			
Company: TRIANA ENERGY, LLC. 900 VIRGINIA STREET E., SUITE 400 CHARLESTON, WV 25301 Agent: RACHELLE KING Inspector: BRYAN HARRIS Permit Issued: 8/15/2011 Date Well work Commenced: 1/8/2010 Date Well work Completed: 2/7/2012 Second producing formation(s): Gas: Initial open flow Final open flow Fin	Lat	itude: 6,8	00 Feet Sout	h of	39 De	grees	22 Mi	nutes	30 Second
900 VIRGINIA STREET E., SUITE 400 CHARLESTON, WV 25301 Agent: RACHELLE KING Inspector: BRYAN HARRIS Permit Issued: 8/15/2011 Date Well work Commenced: 1/8/2010 Date Well work Completed: 2/7/2012 9.625" Or 800' 80' 115 c. 20" 80' 80' 115 c. 20" 80' 80' 115 c. 20" 80' 80' 115 c. 3079' 3079' 3079' 1317 c. Verbal Plugging: NA State Permission granted on: NA Rotary X Cable Tool Rig Total Vertical Depth (ft): 7590' Total Measured Depth (ft): 12262' Total Water Depths (ft): NONE Salt Water Depths (ft): NONE Salt Water Depths (ft): NONE State Office of Oi' & Get State oal being mined in area (Y/N)? NONE Salt Water Depths: 554, 740 Void(s) encountered (N/Y) N Depth(s) NA OPEN FLOW DATA: Producing formation(s): NONE Gas: Initial open flow 0 MCF/D Final open flow 0 Bbl/d Final open flow 0 MCF/D Final open flow 0 Bbl/d Time of open flow between initial and final tests: Hours Static rock pressure 0 psig (surface pressure) after 0 Hours Second producing formation(s): NA Pay zone depth (ft) 0 Gas: Initial open flow MCF/D Final 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 Second producing formation(s): NA Pay zone depth (ft) 0 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 the attachments and that, based on my inquiry	Lo	igitude: 1,4	50 Feet West	t of	80 De	grees	5 Mii	nutes	0 Second
900 VIRGINIA STREET E., SUITE 400 CHARLESTON, WV 25301 Agent: RACHELLE KING Inspector: BRYAN HARRIS Permit Issued: 8/15/2011 Date Well work Commenced: 1/8/2010 Date Well work Completed: 2/7/2012 9.625" Or 800' 80' 115 c. 20" 80' 80' 115 c. 20" 80' 80' 115 c. 20" 80' 80' 115 c. 3079' 3079' 3079' 1317 c. Verbal Plugging: NA State Permission granted on: NA Rotary X Cable Tool Rig Total Vertical Depth (ft): 7590' Total Measured Depth (ft): 12262' Total Water Depths (ft): NONE Salt Water Depths (ft): NONE Salt Water Depths (ft): NONE State Office of Oi' & Get State oal being mined in area (Y/N)? NONE Salt Water Depths: 554, 740 Void(s) encountered (N/Y) N Depth(s) NA OPEN FLOW DATA: Producing formation(s): NONE Gas: Initial open flow 0 MCF/D Final open flow 0 Bbl/d Final open flow 0 MCF/D Final open flow 0 Bbl/d Time of open flow between initial and final tests: Hours Static rock pressure 0 psig (surface pressure) after 0 Hours Second producing formation(s): NA Pay zone depth (ft) 0 Gas: Initial open flow MCF/D Final 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 Second producing formation(s): NA Pay zone depth (ft) 0 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 the attachments and that, based on my inquiry	Company: TRIA?	IA ENERGY, LI	.C.						 ,
Agent: RACHELLE KING Inspector: BRYAN HARRIS Permit Issued: 8/15/2011 Date Well work Commenced: 1/8/2010 Date Well work Completed: 277/2012 Verbal Plugging: NA Date Permission granted on: NA Rotary X Cable Tool Total Vertical Depth (ft): 7590' Total Vertical Depth (ft): NONE Salt Water Depths (ft): NONE Is coal being mined in area (Y/N)? N Coal Depths: 554, 740 Void(s) encountered (N/Y) OPEN FLOW DATA: Producing formation(s): NONE Gas: Initial open flow 0 MCF/D Oil: Initial open flow 0 Bbl/d Final 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 the attachments and that, based on my inquiry	• •	•		400					
Agent: RACHELLE KING Inspector: BRYAN HARRIS Permit Issued: 8/15/2011 Date Well work Commenced: 1/8/2010 Date Well work Completed: 2/7/2012 Verbal Plugging: NA Date Permission granted on: NA Rotary X Cable Tool Total Measured Depth (ft): 7590' Total Measured Depth (ft): 12262' Presh Water Depths (ft): NONE Salt Water Depths (ft): NONE Is coal being mined in area (Y/N)? N Coal Depths: 554, 740 Void(s) encountered (N/Y) OPEN FLOW DATA: Producing formation(s): Gas: Initial open flow Time of open flow between initial and final tests: Hours Static rock pressure Omega Germation of the pay zone depth (ft) Gas: Initial open flow Time of open flow Final			-			Casing	Used	Left	Cement
Inspector: BRYAN HARRIS Permit Issued: 8/15/2011 Date Well work Commenced: 1/8/2010 Date Well work Compenced: 1/8/2010 Date Well work Completed: 2/1/2012 Date Well work Completed: 2/1/2012 Verbal Plugging: NA Date Permission granted on: NA Rotary X Cable Tool Rig Total Measured Depth (ft): 7590 Total Measured Depth (ft): 12262' Presh Water Depths (ft): NONE Salt Water Depths (ft): NONE Salt Water Depths (ft): NONE Social being mined in area (Y/N)? N Coal Depths: 554, 740 OPEN FLOW DATA: Producing formation(s): NONE Gas: Initial open flow 0 MCF/D Final open flow 0 Bbl/d Time of open flow between initial and final tests: Hours Static rock pressure 0 psig (surface pressure) after 0 Hours Second producing formation(s): NA Pay zone depth (ft) 0 Gas: Initial open flow MCF/D Final open flow Bbl/d Final open flow MCF/D Final open flow Bbl/d		•				_	1 1		
Permit Issued: 8/15/2011 Date Well work Commenced: 1/8/2010 Date Well work Completed: 2/7/2012 Date Well work Completed: 2/7/2012 Verbal Plugging: NA Date Permission granted on: NA Rotary X Cable Tool Rig Total Vertical Depth (ft): 12262' Total Measured Depth (ft): NONE Salt Water Depths (ft): NONE Scal being mined in area (Y/N)? NONE Is coal being mined in area (Y/N)? NONE Soal Depths: 554, 740 Void(s) encountered (N/Y) Gas: Initial open flow 0 MCF/D Oil: Initial open flow 0 Bbl/d Final open flow between initial and final tests: Hours Static rock pressure 0 psig (surface pressure) after 0 Hours Second producing formation(s): NA Pay zone depth (ft) 0 Gas: Initial open flow MCF/D Oil: Initial open flow Bbl/d Final open flow MCF/D Oil: Initial open flow Bbl/d Final open flow MCF/D Oil: Initial open flow Bbl/d Final open flow MCF/D Final open flow Bbl/d Final 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 the attachments and that, based on my inquiry									- 1
Date Well work Commenced: 1/8/2010				-				80'	
Date Well work Completed: 2/7/2012 9.625" 3079 3079 1317 ct Verbal Plugging: NA Date Permission granted on: NA Rotary X Cable Tool Total Vertical Depth (ft): 7590' Total Measured Depth (ft): 12262' 12262' 12262' 12262' Fresh Water Depths (ft): NONE Salt Water Depths (ft): NONE Sold being mined in area (Y/N)? N Coal Depths: 554, 740 Void(s) encountered (N/Y) N OPEN FLOW DATA: Producing formation(s): NONE Gas: Initial open flow 0 MCF/D Oil: Initial open flow 0 Bbl/d Final open flow between initial and final tests: Hours Static rock pressure 0 psig (surface pressure) after 0 Hours Second producing formation(s): NA Pay zone depth (ft) 0 Gas: Initial open flow MCF/D Oil: Initial open flow Bbl/d Final open flow MCF/D Oil: Initial open flow Bbl/d Final open flow MCF/D Oil: Initial open flow Bbl/d Final open flow MCF/D Oil: Initial open flow Bbl/d Final open flow MCF/D Oil: Initial open flow Bbl/d Final open flow MCF/D Final open flow Bbl/d	Date Well work Cor	menced: 1/8	/2010						667 cf
Verbal Plugging: NA Date Permission granted on: NA Rotary X Cable Tool Rig Total Vertical Depth (ft): 7590' Total Measured Depth (ft): 12262' Presh Water Depths (ft): NONE Salt Water Depths (ft): NONE Salt Water Depths (ft): NONE Social being mined in area (Y/N)? N Coal Depths: 554, 740 Void(s) encountered (N/Y) N Depth(s) NA OPEN FLOW DATA: Producing formation(s): NONE Gas: Initial open flow 0 MCF/D Oil: Initial open flow 0 Bbl/d Time of open flow between initial and final tests: Hours Static rock pressure 0 psig (surface pressure) after 0 Hours Second producing formation(s): NA Pay zone depth (ft) 0 Gas: Initial open flow MCF/D Oil: Initial open flow Bbl/d Final open flow MCF/D Oil: Initial open flow Bbl/d Time of open flow between initial and final tests: Hours Static rock pressure 0 psig (surface pressure) after 0 Hours Second producing formation(s): NA Pay zone depth (ft) 0 Gas: Initial open flow MCF/D Oil: Initial open flow Bbl/d Final open flow MCF/D Oil: Initial 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 the attachments and that, based on my inquiry	Date Well work Cor	pleted: 2/7/20	12						1317 cf
Date Permission granted on: Rotary X Cable Tool Rig Total Vertical Depth (ft): Total Measured Depth (ft): Presh Water Depths (ft): Salt Water Depths (ft): NONE Social being mined in area (Y/N)? Coal Depths: 554, 740 Void(s) encountered (N/Y) Gas: Initial open flow Final open flow Time of open flow between initial and final tests: Second producing formation(s): NONE Pay zone depth (ft) Final open flow O MCF/D Final open flow O Bbl/d Time of open flow between initial and final tests: Second producing formation(s): NA Pay zone depth (ft) O Gas: Initial open flow MCF/D Final open flow Bbl/d Final open flow	Verbal Plugging:	NA				5.5"			2102 cf
Total Vertical Depth (ft): 7590' Total Measured Depth (ft): 12262' Fresh Water Depths (ft): NONE Salt Water Depths (ft): NONE Salt Water Depths (ft): NONE Social being mined in area (Y/N)? NONE Social Depths: 554, 740 Void(s) encountered (N/Y) N Depth(s) NA OPEN FLOW DATA: Producing formation(s): NONE Gas: Initial open flow O MCF/D Oil: Initial open flow O Bbl/d Time of open flow between initial and final tests: Hours Static rock pressure O psig (surface pressure) after O Hours Second producing formation(s): NA Pay zone depth (ft) O Gas: Initial open flow MCF/D Oil: Initial open flow Bbl/d Final open flow MCF/D Final open flow Bbl/d Final open fl	Date Permission gra	nted on: NA							
Total Measured Depth (ft): 12262' Fresh Water Depths (ft): NONE Salt Water Depths (ft): NONE Is coal being mined in area (Y/N)? N Coal Depths: 554, 740 Void(s) encountered (N/Y) N Depth(s) NA OPEN FLOW DATA: Producing formation(s): NONE Gas: Initial open flow 0 MCF/D Oil: Initial open flow 0 Bbl/d Final open flow between initial and final tests: Hours Static rock pressure 0 psig (surface pressure) after 0 Hours Second producing formation(s): NA Pay zone depth (ft) 0 Gas: Initial open flow MCF/D Oil: Initial open flow Bbl/d Final open flow MCF/D Oil: Initial open flow Bbl/d Final open flow MCF/D Final open flow Bbl/d Final open flow Bbl/d Final 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 the attachments and that, based on my inquiry	Rotary X Cal	ole Tool	Rig						
Fresh Water Depths (ft): Salt Water Depths (ft): NONE Social being mined in area (Y/N)? Coal Depths: 554, 740 Void(s) encountered (N/Y) Producing formation(s): Gas: Initial open flow Final open flow Final open flow Static rock pressure Second producing formation(s): NONE Static rock pressure Omega (Surface pressure) MCF/D Gas: Initial open flow MCF/D Final open flow Bbl/d Final open flow MCF/D Final open flow Bbl/d Final open flow MCF/D Final open flow Bbl/d Final open flow	Total Vertical Dept	n (ft): 7590'							
Salt Water Depths (ft): NONE Is coal being mined in area (Y/N)? N Coal Depths: 554, 740 Void(s) encountered (N/Y) N Depth(s) NA OPEN FLOW DATA: Producing formation(s): NONE Gas: Initial open flow Final open flow	Total Measured Dep	th (ft): 12262'						DECEN	VED.
Is coal being mined in area (Y/N)? N	Fresh Water Depths	(ft): NONE					O€C: ~	NECE!	45D
Coal Depths: 554, 740 Void(s) encountered (N/Y) N Depth(s) NA OPEN FLOW DATA: Producing formation(s): NONE Environmental Prote Gas: Initial open flow 0 MCF/D Oil: Initial open flow 0 Bbl/d Final open flow between initial and final tests: Hours Static rock pressure 0 psig (surface pressure) after 0 Hours Second producing formation(s): NA Pay zone depth (ft) 0 Gas: Initial open flow MCF/D Oil: Initial open flow Bbl/d Final open flow MCF/D Oil: Initial open flow Bbl/d Final open flow MCF/D Oil: Initial open flow Bbl/d Final open flow psig (surface pressure) after 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 the attachments and that, based on my inquiry	Salt Water Depths (f	t): NONE					Olite	ن ان ع	i s Gas
Void(s) encountered (N/Y) N Depth(s) NA OPEN FLOW DATA: Producing formation(s): Gas: Initial open flow Final open flow O MCF/D Time of open flow between initial and final tests: Static rock pressure O psig (surface pressure) after O Hours Second producing formation(s): NA Pay zone depth (ft) Gas: Initial open flow Final open flow MCF/D Oil: Initial open flow Bbl/d Final 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: Bours Static rock pressure Bbl/d Time of open flow between initial and final tests: Bours Bbl/d Final open flow Bbl/d	s coal being mined	n area (Y/N)?	N				N	10W 1 4	0040
OPEN FLOW DATA: Producing formation(s): Gas: Initial open flow Final open flow O O O O O O O O O O O O O	Coal Depths: 554	, 740						NUV 14	2013
Producing formation(s): Sas: Initial open flow 0 MCF/D Oil: Initial open flow 0 Bbl/d	Void(s) encountered	(N/Y) <u>N</u>	Depth(s) NA	1					
Producing formation(s): NONE	OPEN FLOW DAT	` A•				-			
Gas: Initial open flow 0 MCF/D Oil: Initial open flow 0 Bbl/d Final open flow 0 MCF/D Final open flow 0 Bbl/d Time of open flow between initial and final tests: Hours Static rock pressure 0 psig (surface pressure) after 0 Hours Second producing formation(s): NA Pay zone depth (ft) 0 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 the attachments and that, based on my inquiry			חמ	NF		Par	:NVIroni	mental	Protec
Final open flow 0 MCF/D Final open flow 0 Bbl/d Time of open flow between initial and final tests: Hours Static rock pressure 0 psig (surface pressure) after 0 Hours Second producing formation(s): NA Pay zone depth (ft) 0 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 the attachments and that, based on my inquiry	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •			(
Time of open flow between initial and final tests: Hours Static rock pressure 0 psig (surface pressure) after 0 Hours Second producing formation(s): NA Pay zone depth (ft) 0 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 the attachments and that, based on my inquiry	•			•	`				
Static rock pressure 0 psig (surface pressure) after 0 Hours Second producing formation(s): NA Pay zone depth (ft) 0 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 the attachments and that, based on my inquiry					nal test		•		
Second producing formation(s): NA		_						0	Hours
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 the attachments and that, based on my inquiry		•		· `	, (•	•		
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 the attachments and that, based on my inquiry	-	* * * * * * * * * * * * * * * * * * * *							
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 the attachments and that, based on my inquiry				•	•		-		
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 the attachments and that, based on my inquiry			y hatwaan in		al tan				— BONO
I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and the attachments and that, based on my inquiry		_							Tlaum
information submitted on this document and the attachments and that, based on my inquiry		static rock presst		bar	3 (2011)	ace bressu	re) anter .		riours
information submitted on this document and the attachments and that, based on my inquiry		nder penalty of la	ny that I have	nersonally	/ exam	ined and a	ım familiar	with the	
of those individuals immediately responsible for obtaining the information	I certify u								v
* * * * * * * * * * * * * * * * * * *		submitted on this		one english	for ol	otaining th	e informati	on	,
is true, acsurate, and complete.	information	submitted on this	immediately i	esponsible					
\mathcal{O}	information	submitted on this nose individuals i	immediately i						
Machine Atting	information	submitted on this	immediately i						
Since the same of	information	submitted on this	immediately i				31	اء أ	
Signature	information	hose individuals i	immediately i				3/	12/12	

WR-35

Date: 3/1/2012

API# 47-091-01240

Page: 2

Were core samples taken? Yes ___ No X Were cuttings caught during drilling Yes X No ___

Were \underline{N} Electrical, \underline{N} Mechanical, \underline{Y} or Geophysical logs recorded on this well? $\underline{Y/N}$

NOTE: IN THE AREA BELOW PUT THE FOLLOWING: 1.) DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

NOT COMPLETED YET

Date: 3/1/2012 API# 47-091-01240

Page: 3

NOTE: IN THE ARE BELOW PUT THE FOLLOWING: 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.

FORMATION	TOP(FT)	BOTTOM(FT)	REMARKS
SOIL, SAND, SHALE	0	554	DRLR. LOG
COAL	554	558	n
SAND, SHALE	558	740	n
COAL	740	745	et .
SAND, SHALE	745	800	n
SAND	800	854	H
SAND, SHALE	854	1000	11
SHALE	1000	1370	n
LITTLE LIME	1270	1283	GR Log Pilot Hole
SHALE	1283	1307	11
BIG LIME	1307	1477	n .
BIG INJUN	1477	1514	ti .
SHALE	1514	1870	ti
SAND	1870	2050	n
SAND, SHALE	2050	2405	n
5TH SAND	2405	2450	n
SHALE, SAND	2450	3098	ti
SPEECHLEY SAND	3098	3100	H
SHALE	3100	5200	D.
KOP @ 5200			
SHALE	5200 MD	7732 MD	MUDLOG
TULLY LIMESTONE	7732 MD	7828 MD	11
SHALE	7828 MD	8145 MD	ti .
MARCELLUS SHALE		12262 MD	ч