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:	January 3, 2013/ Rev.5/01/15
API#:	47-051-0902

B

District: Franklin	County: Marsh			
Latitude: 1680 Feet South of 39 Deg. 4	Min.	oo Sec.		
Longitude 3625 Feet West of 80 Deg. 5	60 Min.	Sec.		
any:				
Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Address: Axiali Corp., N. St. Rt. 2, New Martinsville, WV 26155	24" C.S.	93 ft.	93 ft.	180
Agent: J. Thomas Horan	20" C.S.	98 ft.	98 ft.	100
Inspector:	13-3/8" H-40	947 ft.	947 ft.	650
Date Permit Issued: April 3, 2003	9-5/8" H-40	1802 ft.	1802 ft.	625
Date Well Work Commenced: April 3, 2003	7" J-55	3907 ft.	3907 ft.	400
Date Well Work Completed: Approx. 4/24/03				
Verbal Plugging: Not Applicable			*:	
Date Permission granted on: Not Applicable				
Rotary X Cable Rig				
Total Vertical Depth (ft): 4410 ft.			REC Office of	EIVED Oil and Gas
Total Measured Depth (ft): 4410 ft.			. 1	. ,
Fresh Water Depth (ft.):			MAY	0 4 2015
Salt Water Depth (ft.):				partment of
Is coal being mined in area (N/Y)? N			Environm	ental Protection
Coal Depths (ft.):				
Void(s) encountered (N/Y) Depth(s)				
Gas: Initial open flow MCF/d Oil: Initial open flow Final open flow MCF/d Final open flow Time of open flow between initial and final tests Static rock Pressure psig (surface pressure) after the property of	one depth (ft)_ owBbHours erHour	ol/d //d s	a on separate she	eet)
Second producing formation Not Applicable Pay zon				
Gas: Initial open flow MCF/d Oil: Initial open flow MCF/d Final open flow				
Time of open flow between initial and final tests				
Static rock Pressure psig (surface pressure) aft	erHour	S		

Were core samples taken? YesNo_X	Were cuttings caught during drilling? YesNo_X
Were $\frac{N}{Y/N}$ Electrical, $\frac{N}{Y/N}$ Mechanical, $\frac{N}{Y/N}$	or Geophysical logs recorded on this well?
FRACTURING OR STIMULATING, PHYS	THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, SICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC THE TOPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING COAL ROM SURFACE TO TOTAL DEPTH.
Perforated Intervals, Fracturing, or Stimulating:	
N/A	
	RECEIVED
	Office of Oil and Gas
	MAY 0 4 2015
	WV Department of Environmental Protection
Formations Encountered: Surface:	Top Depth / Bottom Depth
#17 Relief Well (API #47-051-0902) wa	as installed in April 2003 to intercept adjacent #17 Brine Well
	de-pressurizing (killing) #17 Brine Well. At the time #17 Brine
	bandonment. Faulty casing in the upper portion of #17 Brine
	pressurized by normal methods. #17 Brine Well was
subsequently plugged in April 2003.	
	oltsclaw of the West Virginia DEP, Office of Oil and Gas, the 1967
	ummarized and provided as representative information for
#17 Relief Well.	

RAWE DRILLING CO.

Oil, Gas and Water Well Contractors
PHONE GL. 5-3470
NEW MARTINSVILLE, W. VA.

May 27, 1967

iog of drive pipe for \$ 17 Brine well all seasurements from ground elevation

Clay & rocks	0	-	SF 8	
Clay & fine sand	21,	-	47*	
Sand & fine gravel (dark)	47	-	71*	
Sand & fine gravel	71	-	92*	
Shale	92	-	938	
Rock	93	•	978	
Shale	97	400	991	
Line	99	**	101 - 9	100

Sand & gravel shut off
Water was shut off when finished drilling
Casing bottom 95' from top of ground
Hole 101'-9" from top of ground
Casing left 5'-3" above ground
Eale dug around top of casing for cament collar, 5' deep,
4' diameter, filled with 3' of concrete.
Casing 12-1/2" I. D. - 13%" O.P.
Total amount of casing used with threads off 100°-3"

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Office of Oil and Gas

MAY 0 4 2015

WV Department of Environmental Protection



STATE OF WEST VIRGINIA DEPARTMENT OF MINES

Kotary	X
Spudder	
Cable Tools	

Quadrangle No	ew Martins	rille, W.Va.	-Ohio OIL AND	GAS DIVISION	ı	Caple 10	=
Permit No. M	***********			RECORE		Storage	□
						Oil or Ga	s Well Brine (KIND)
Company P	PG Industri	les		Casing and Tubing	Used In Drilling	Left in Well	Packers
		nance Corp.		Size	7	1760	I HCEOTO
Farm Recoils	Root Rook	Ohio River	Acres N/A				
Well No	17	OHIO HIVOI	- Natrium 68 Ground 68 Hev.R.T. 69	0 13	951	951	Kind of Packer
District F	ranklin	Commer Me	rshall	m 9-5/81		1714	Size of
		fee by PPG I	ndustries	••			SIZE 0[
***************************************		Address New Ma	rtinsville				Dopth set
Mineral rights at	re owned by	PPG Industri	es	_ 5 3/16			
	***************	Address New M	artinsville	413			
Drilling comme	nced May	16, 1967		3	***************************************		Perf. top
Drilling complete	id Jul	y 24, 1967	************	DE. ("-20/	67291	67291	Perf. bottom
			To				Perf. top
			Incl	A 1		2 7 7811	Perf. bottom
			Incl				
				CASING CEN	MENTED(."	SIZE 0/27 N	o. Ft. 7-14-67 Date 5 bags; 7" = 1300
Rock Pressure	No data	Des .	brs	Name of Same	ice Co Hall	liburton	5 naka: 1 4300
Oil	~-		bbls., 1st 24 hrs		ENCOUNTERED		BET 48 INCHES
WELL ACIDIZI	ED (DETAILS).	*			EL 60. INC	RES 1025 1	EET 36 INCHES
					ETINC	HES 1	BETINCHES
WELL FRACTI	JRED (DETAIL	.s)	all the second contact and a s		•		
Producing Sand.	-	manana Pechania.	**************************************		Depth		
Formation	Color	Hard or Soft	Measured Top	Measured Bottom	T.V.D. Top	T.V.D. Bottom	Remarks
Monongahela			0	204			
Conemaugh			204	818			
Distabunah	d3		001	000		,	RECEIVED
Pittsburgh Lime & Shal		}	204 208	ታ00 ት00		Off.	ce of Oil and Gas
Coal?]		400	405) Oill	Ca of Oll and area
Sand & Shal			405	524	1		AV 0 4 2015
Saltsburg S Brush Creek		İ	52h	554		"	nay 04 2015
Alleghenv	Lime		691 818	697 1068			
					·	W	V Department of
Upper Freep		· ·	818	828		Envir	ommental Protectio
Lower Kitt.	Coal		1025 1068	1028 12h2		1	
		1	100		· · · · · · · · · · · · · · · · · · ·		-
Homewood Sa			1068	1176			
laxton Sand			1198 12b2	1230		l	
<u>Nssissippi</u>	***************************************		armadelinearma	2020		 	
Little Line	01-3	•	1575	1258			
Pencil Cave Dreembrier	puate		1258 1334	77'0S 7598			
areenoriar Big Injun Sa	nd		1416	1629			1
Teir Group			1790	1852			
Berea Sand			1985	2020			
loronian	i		5050	6510			
i introvalizacione en							anguara a angua magasa sa

160.17

			_			and the second s	
.mation	Color	Hard or Soft	Тор	Bottom	T.V.D. Top	T.V.D. Bottom	Remarks
Catskill Top Chemung Top Riley Benson Sand Marcellus S Onondaga Li Oriskany (R Oriskany (S Helderberg Silurian Sy	rale re idgeley) river)		2020 2225 2795 27950 5102 5880 6105 6156 6403 6510	2225 ? 2950 2958 5880 6105 6156 6403 6510	2793 2947 5070 5835 6057 6107 6353 6460	2947 2955 5835 6057 6107 6353 6460	
Salt Anhydrite Salt		·	6510 6763 6763 6861 6865 6902 6917 6919	6763 6861 6865 6902 6917 6919 6973 (TD	6460 6713 6713 6811 6815 6852 6867) 6869	6713 6811 6815 6852 6867 6869 6923 (TI	}
	. 1				-	, 	
	note :	measured de above. All	as direction pths and the depths are an elevation	from the su	cal depths a reace of the	re given ground;	
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•		-				w	AY 0 4 2015 Department of nmental Protection
3 ~							
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t		<u></u>			Date		, 19
				APPROVED			Owner,