BOTTOM HOLE SURVEYED 80° 07' 30" (NAD27) SURFACE HOLE SURVEYED 80° 07' 30" (NAD27)

SURFACE PARCEL OWNER INFORMAT			ID#	ADJOINER PARCEL OWNER INFORMATION PARCEL NUMBER OWNER NAME			
10# PARCEL NUMBER 1 091-04-11-1 19 031-04-11-17.3 20 091-04-11-9 111 091-04-11-10 117 091-04-11-10.2 115 091-04-11A-8, 10, 11 & 12 92 091-04-11-11	SIMPSON JOHN E WATKINS DOUGLA JENKINS THOMAS WATKINS DOUGLA PISINO JOSEPH MA	OWNER NAME S. LIMITED LIABILITY CO JOHN E DOUGLAS R & ANNA M HOMAS & KARRY & SURV DOUGLAS R & ANNA M & SURV SEPH M & DANA S STEWART & SURV ANN V & BROWN JR GARY M & SURV		001-09-9-2 033-15-351-13 033-15-351-12 033-15-331-27 091-04-8-22 091-04-8-23 091-04-8-35	STEWART FARI GRAFTON COA GRAFTON COA JOHNSON REN GRIPPIN JAME GRAY RANDAL MARKS BETTY	M LLC LL CO LL CO EE S.S.S. & ELAINE M L. & RITA	
86 001-09-17-2	WILFONG DENVER	S JR & BRENDA S	8 9	091-04-8-29		EVELOPMENT LLC	
82 81 001-09-22.1	GALLOWAY SUBDIV		10 11	091-04-8-105 091-04-8-81	BLOSSER PATR SIMMONS HUN	IXED	
79 001-09-12-5	ZACAVICH FRANK	WDALE W GJEAN C	12	091-04-8-83	STEWART BAR	BARA JEAN 06/14/201	
80 001-09-12-5.1 77 001-09-12-7	ZACAVISH TREVOR ZACAVISH FRANK		13 14	091-04-8-84 091-04-8-90.1	STEWART BARI		
76 001-09-12-7.5	HIGGINS HOWARD		15	091-04-9-37.1	FELTON MICHA		
60 61 001-09-12-10	WOLFE LARRY M &	SUBDIVISION NO. 1 ELLEN S HWS	16 17	091-04-11-19 091-04-11-17	BARTLETT HILD HOWARD CYN		
67 001-09-12-8	GOFF ROBERT HILL		18	091-04-11-1 1	ANDERSON DANIEL & KAREN BECKWITH LUMBER COMPANY		
			21 23	091-04-11-5.5 091-04-11-8	ASTOR CEMET		
			29	RIGHT-OF-WAY	COUNTY ROUT		
			54 55	001-09-9-15 001-09-9-16	MOSESSO JOH	D D IR & EVELYN N A TRUST	
			57	001-09-12-11	EDWARD HEN!		
			62 63	001-09-12B-46.2 001-09-12-52	CASTO DANNII MONTGOMERY	Y BRADFORD EUGENE & GEORGIA, HWS	
			64 66	001-09-12-51.2 001-09-12-9.1	BECKWITH LUN	WBER CO & ANTHONY (WS)	
			68	001-09-12-9		AULEY L/E TO RONALD D MCCAULEY	
			69 70	001-09-13-3 001-09-13-1	SLOGAR LOREN BECKWITH LUN		
			74	001-09-12-7.3	HIGGINS HOW	ARD G	
			75 78	001-09-12-7.4 001-09-12-7.1	ZACAVISH FRA WALLACE COR		
			83	001-09-9A-17	CLEAVENGER (
			84 87	001-09-8-1 001-09-14	ALBERT JOSEPH	H & DOBBINS LOETTA	
			88 89	001.00.08.1	GALLOWAY JU FARRIS BETTY	NCTION SUBDIVISION	
			90	001-09-98-1 001-09-9-10	SALTIS STEVE 8	& TWYLA HWS	
FERENCE NOTES Property lines as shown taken from deeds, tax	maps, and		91 93	001-09-9-9 091-04-11-25	PISINO GARY L BECKWITH LUN	& SUSAN CHRISTIAN WRER CO	
field locations. A full boundary survey is not expressed or implied. All bearings are based on grid North. Ownership taken from public records Taylor County. West Virginia Date 2018. 2. State Plane Coordinates & NAD83 LattLong by differential submeter mapping grade GPS. 3. There are no railroads, dwellings, or agnoutural buildings within 625 feet of center of pad. 4. No water wells found within 250 of the center of well pad.			94	091-04-10-3		TON & CANDACE IRREV TRUST	
			95 96	091-04-11-24 091-04-11-13	DUNN JOHN B RIFFLE JERALD	& ROSS A L & LINDA SUR & SURV	
			97	091-04-11-13.1	RIFFLE BRAND		
			98 100	091-04-11-17.2 091-04-11-17.1	SIMPSON JOH	OMAS R JR & LINDA L N E	
			101 104	091-04-11A-2	GAINES NANC	Y J & GROVER L RY NEIL/LF) ERIC S & TEPHABOCK KEVIN R	
LEGEND			105	091-04-11A-1 091-04-11A-6	STREETS DAVI	and the second of the second o	
PROPOSED WELL LATERAL PROPOSED WELL TIE LINE STREAM EXISTING ROAD BUFFER			110 112	091-04-11-28 091-04-11A-18		INSPORTATION INC. FUNDA & RIFFLE JANET L STHOMAS R & KARRY E L METHODIST PROTESTANT CHURCH MACHEL R	
			113	091-04-11A-15	JENKINS THOM		
			114 116	091-04-11A-13 & 14 091-04-11A-9	WELLS RACHEL		
PROPERTY LINE	RACT LINE		118 119	091-04-11-5.4 091-04-11A-30		KAY & JOANN V SMITH & SURV CES & CLYDE A JR	
SURVEYED SURFACE TO				091-04-11A-21		ETTY (F) & MARY STUTLER (LIFE)	
	80-400		120				
SURVEYED SURFACE TI MINERAL TRACT BOUND COUNTY BOUNDARY LIN H PROPOSED WELL HEAD	NE I		120 122	091-04-11A-26	PISINO GARY L		
SURVEYED SURFACE TI MINERAL TRACT BOUND COUNTY BOUNDARY LIF ## PROPOSED WELL HEAD XX EXISTING WELL HEAD (A EXISTING WELL HEAD (A	NE I Active; Plugged]			091-04-11A-26			
SURVEYED SURFACE TI MINERAL TRACT BOUND COUNTY BOUNDARY LIP H PROPOSED WELL HEAD (A EXISTING WELL HEAD (A	NE scrive; rlugges; shardones; sever Drilled;			091-04-11A-26			
SURVEYED SURFACE TI MINERAL TRACT BOUND COUNTY BOUNDARY LIP ## PROPOSED WELL HEAD X EXISTING WELL HEAD (A EXISTING WELL HEAD (A EXISTING WELL HEAD (A	NE scrive; rlugges; shardones; sever Drilled;			091-04-11A-26			
SURVEYED SURFACE TO MINERAL TRACT BOUND. COUNTY BOUNDARY LINE PROPOSED WELL HEAD IN EXISTING WELL HEAD IN SURFACE OWNER. ILE#: 17078-008	NE Active) pluggad] Abandanap) seser Drilled] M HOLE	I, THE UNDERSIGN	ned, He	REBY CERTIFY	PISINO GARY L	WITT PASSE	
SURVEYED SURFACE TO MINERAL TRACT BOUND. (a) ## PROPOSED WELL HEAD IN EXISTING WELL HEAD IN SURFACE OWNER. (b) LANDING POINTBOTTOL SURFACE OWNER.	NE Active) pluggad] Abandanap) seser Drilled] M HOLE	THIS PLAT IS COR	NED, HE	REBY CERTIFY O THE BEST OF	PISINO GARY L	TL PARSON	
SURVEYED SURFACE TO MINERAL TRACT BOUND. COUNTY BOUNDARY LINE PROPOSED WELL HEAD OF EXISTING WELL HEAD OF EXISTING WELL HEAD OF EXISTING WELL HEAD OF EXISTING WELL HEAD OF LANDING POINTBOTTON SURFACE OWNER. ILE#: 17078-008 SHEET#: 2 of 2	NE	THIS PLAT IS COR KNOWLEDGE AND	NED, HERECT TO BELIEF	REBY CERTIFY O THE BEST OF AND SHOWS A	THAT MY LL THE	A CISTER O	
SURVEYED SURFACE TO MINERAL TRACT BOUND.	NE	THIS PLAT IS COR KNOWLEDGE AND INFORMATION RE	NED, HERRECT TO BELIEF	REBY CERTIFY O THE BEST OF AND SHOWS A BY LAW AND T	THAT MY ILL THE	TL PARSON	
SURVEYED SURFACE TO MINERAL TRACT BOUND. (a) ## PROPOSED WELL HEAD OF EXISTING WELL HEA	NE	THIS PLAT IS COR KNOWLEDGE AND INFORMATION RE REGULATIONS ISS	NED, HERRECT TO BELIEF QUIRED SUED AN	REBY CERTIFY O THE BEST OF AND SHOWS A BY LAW AND T	THAT MY ILL THE	No. 2361	
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SURVEYED SURFACE TO MINERAL TRACT BOUND. ### PROPOSED WELL HEAD OF EXISTING WELL HEAD O	NE Stative; Pluggad Davidonas Sever Polied M HOLE 3	THIS PLAT IS COR KNOWLEDGE AND INFORMATION RE REGULATIONS ISS THE DEPARTMEN	NED, HE RECT TO BELIEF QUIRED SUED ANT OF EN	REBY CERTIFY O THE BEST OF AND SHOWS A BY LAW AND T ND PRESCRIBED VIRONMENTAL	THAT MY ILL THE	No. 2361	
SURVEYED SURFACE TO MINERAL TRACT BOUND. ### PROPOSED WELL HEAD A EXISTING WELL HEAD A EXIST	NE hadder; Pluggad] Bardenaß; Sever Prilied; M HOLE 3 0000' 2000 RS STATION N OF WELL	THIS PLAT IS COR KNOWLEDGE AND INFORMATION RE REGULATIONS ISS THE DEPARTMEN PROTECTION. Signed: Hulled P.S. #2361: Herbert ON	NED, HE RECT TO BELIEF QUIRED SUED ANT OF EN	REBY CERTIFY O THE BEST OF AND SHOWS A BY LAW AND T ND PRESCRIBED VIRONMENTAL	THAT MY LL THE HE D BY	No. 2361 STATE OF SONALSUMINININININININININININININININININININ	
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SURVEYED SURFACE TO MINERAL TRACT BOUND. ### PROPOSED WELL HEAD A EXISTING WELL HEAD A EXIST	NE hadder; Pluggad] Bardenaß; Sever Prilied; M HOLE 3 0000' 2000 RS STATION N OF WELL	THIS PLAT IS COR KNOWLEDGE AND INFORMATION RE REGULATIONS ISS THE DEPARTMEN PROTECTION. Signed: Hulled P.S. #2361: Herbert ON	NED, HE RECT TO BELIEF QUIRED SUED ANT OF EN	REBY CERTIFY O THE BEST OF AND SHOWS A BY LAW AND T ND PRESCRIBED VIRONMENTAL Ons, III P.S. DATE	THAT MY LLL THE HE D BY	No. 2361 No. 2361 STATE OF VIRONIA SONAL SUMMER TEP22	
SURVEYED SURFACE TO MINERAL TRACT BOUNCE COUNTY BOUNDARY LINE PROPOSED WELL HEAD A EXISTING W	NE hadder; Pluggad] Bardenaß; Sever Prilied; M HOLE 3 0000' 2000 RS STATION N OF WELL	THIS PLAT IS COR KNOWLEDGE AND INFORMATION RE REGULATIONS ISS THE DEPARTMEN PROTECTION. Signed: Hulled P.S. #2361: Herbert ON	NED, HE RECT TO BELIEF QUIRED SUED ANT OF EN	REBY CERTIFY O THE BEST OF AND SHOWS A BY LAW AND T ND PRESCRIBED VIRONMENTAL Ons, III P.S. DATE	THAT MY ILL THE HE D BY	No. 2361 No. 2361 STATE OF VIRONIA SONAL SUMMER TEP22	
SURVEYED SURFACE TO MINERAL TRACT BOUND.	NE hadder; Pluggad] Bardenaß; Sever Prilied; M HOLE 3 0000' 2000 RS STATION N OF WELL	THIS PLAT IS COR KNOWLEDGE AND INFORMATION RE REGULATIONS ISS THE DEPARTMEN PROTECTION. Signed: Hulled P.S. #2361: Herbert ON	NED, HE RECT TO BELIEF QUIRED SUED ANT OF EN	REBY CERTIFY O THE BEST OF AND SHOWS A BY LAW AND T ND PRESCRIBED VIRONMENTAL Ons, III P.S. DATE	THAT MY ILL THE HE D BY MAY 31, 2 RATOR'S WE /ELL #: 47	No. 2361 No. 2361 STATE OF SONAL SUMMER PROPERTY OF SONAL SUMMER PROP	
SURVEYED SURFACE TO MINERAL TRACT BOUND. ### PROPOSED WELL HEAD IN EXISTING WELL HEAD IN LANDING POINTBOTTO SURFACE OWNER FILE#: 17078-008 SHEET#: 2 of 2 FICK SCALE: 1" = 3000 FICK SCALE: 1" = 20 MINIMUM DEGREE OF ACCURACY: 1/2 PROVEN SOURCE OF ELEVATION: WV-RTN COR H) DENOTES LOCATION INITED STATES TOPO INITED STATES TO	NE (Active) Active; Pluggad] Naundersel) Naundersel	THIS PLAT IS COR KNOWLEDGE AND INFORMATION RE REGULATIONS ISS THE DEPARTMEN PROTECTION. Signed:	NED, HERRECT TO BELIEF QUIRED AND TOF EN	REBY CERTIFY O THE BEST OF AND SHOWS A BY LAW AND T ND PRESCRIBED VIRONMENTAL Ons, III P.S. DATE	THAT MY LLL THE HE D BY MAY 31, 2	No. 2361 No. 2361 STATE OF SONAL SUMMER PROPERTY OF SONAL SUMMER PROP	
SURVEYED SURFACE TO MINERAL TRACT BOUND. © ## PROPOSED WELL HEAD IN EXISTING WELL HEAD IN EXISTING WELL HEAD IN LANDING POINTBOTTO! © LANDING POINTBOTTO! O L	NE (Ne Active) (Ne	THIS PLAT IS COR KNOWLEDGE AND INFORMATION RE REGULATIONS ISS THE DEPARTMEN PROTECTION. Signed: Hulled P.S. #2361: Herbert ON MAPS	NED, HE RECT TO BELIEF QUIRED ANT OF EN	REBY CERTIFY O THE BEST OF AND SHOWS A BY LAW AND T ND PRESCRIBED VIRONMENTAL Ons, III P.S. DATE	THAT MY ILL THE HE D BY MAY 31, 2 RATOR'S WE /ELL #: 47	No. 2361 No. 2361 STATE OF TO STATE OF T	
SURVEYED SURFACE TO MINERAL TRACT BOUNCY ## PROPOSED WELL HEAD IN PROPOSED WELL HEAD IN EXISTING WELL HEAD IN EXISTING WELL HEAD IN EXISTING WELL HEAD IN LANDING POINTBOTTO! ## SURFACE OWNER ILE#: 17078-008 GCALE: 1" = 3000 ICK SCALE: 1" = 20 ICK SCALE: 1" = 20 INIMUM DEGREE PROVEN SOURCE OF LEVATION: WV-RTN COR ## DENOTES LOCATIO INITED STATES TOPO INITED STATES INITED ST	NE (Net Net Net Net Net Net Net Net Net Net	THIS PLAT IS COR KNOWLEDGE AND INFORMATION RE REGULATIONS ISS THE DEPARTMEN PROTECTION. Signed: Hulled P.S. #2361: Herbert ON MAPS	NED, HERRECT TO BELIEF QUIRED AND TOF EN	REBY CERTIFY O THE BEST OF AND SHOWS A BY LAW AND T ND PRESCRIBED VIRONMENTAL Ons, III P.S. DATE API W	THAT MY LL THE HE D BY MAY 31, 2 RATOR'S WE VELL #: 47	No. 2361 STATE OF STATE OF SONAL SURVIVIORE PELL #: # 203 TE COUNTY PERMIT	
SURVEYED SURFACE TO MINERAL TRACT BOUNDY	NE	THIS PLAT IS CORKNOWLEDGE AND INFORMATION REREGULATIONS ISSET THE DEPARTMEN PROTECTION. Signed: Hould P.S. #2361: Herbert ON MAPS ALL XI Production DESTRUCTION	NED, HE RECT T D BELIEF QUIRED SUED AN T OF EN	REBY CERTIFY O THE BEST OF AND SHOWS A BY LAW AND T ND PRESCRIBED VIRONMENTAL ONS, III P.S. DATE API W	THAT MY LLL THE HE D BY MAY 31, 2 RATOR'S WE VELL #: 47 STAT	No. 2361 STATE OF ONALSURAN PIBER TFP22 ELL #: # 203 TE COUNTY PERMIT	
SURVEYED SURFACE TO MINERAL TRACT BOUNDY IMPROPOSED WELL HEAD IN PROPOSED WELL HEAD IN EXISTING WELL HEAD IN	NE (Active)	THIS PLAT IS CORKNOWLEDGE AND INFORMATION REREGULATIONS ISSET THE DEPARTMEN PROTECTION. Signed: Hould P.S. #2361: Herbert ON MAPS ALL X Production DESTRUCTION DISTANCE IN STORAGE IN SECTION DISTANCE IN SE	NED, HE RECT TO BELIEF QUIRED SUED ANT T OF EN L. Parso Deep Shallow	REBY CERTIFY O THE BEST OF AND SHOWS A BY LAW AND T ND PRESCRIBED VIRONMENTAL ONS, III P.S. DATE API W ELEV QUAD ACRE	THAT MY LL THE HE D BY MAY 31, 2 RATOR'S WE VELL #: 47 STAT	No. 2361 No. 2361 STATE OF TO THE COUNTY PERMIT 240.5' ROSEMONT, WV	
SURVEYED SURFACE TO MINERAL TRACT BOUND. (a) ## PROPOSED WELL HEAD IN SURFACE OWNER. ILE#: 17078-008 HEET#: 2 of 2 CALE: 1" = 3000 ICK SCALE: 1" = 20 IINIMUM DEGREE IF ACCURACY: 1/2 ROVEN SOURCE OF LEVATION: WV-RTN CORD TO DENOTES LOCATION INTED STATES TOPO INTED STATES INTED STATES INTER S	NE (Active)	THIS PLAT IS CORKNOWLEDGE AND INFORMATION REREGULATIONS ISSET THE DEPARTMEN PROTECTION. Signed: Hould P.S. #2361: Herbert ON MAPS ALL X Production DESTRUCTION DISTANCE IN STORAGE IN SECTION DISTANCE IN SE	NED, HE RECT TO BELIEF QUIRED SUED ANT T OF EN L. Parso Deep Shallow	REBY CERTIFY O THE BEST OF AND SHOWS A BY LAW AND T ND PRESCRIBED VIRONMENTAL ONS, III P.S. DATE API W ELEV QUAD ACRE	THAT MY LLL THE HE D BY MAY 31, 2 RATOR'S WE VELL #: 47 STAT	No. 2361 No. 2361 STATE OF SONAL SUMMER PROPERTY OF SONAL SUMMER PROP	

□ PLUG OFF FORMATION □ PERFORATE NEW FORMATION □ PLUG & ABANDON □ CLEAN OUT & REPLUG □ OTHER CHANGE SPECIFY:

TARGET FORMATION:

MARCELLUS

WELL OPERATOR: ARSENAL RESOURCES
ADDRESS: 6031 WALLACE ROAD EXTENSION # 300
CITY: WEXFORD STATE: PA ZIP: 1509

HUNTERSVILLE CHERT (pilot)
ARSENAL RESOURCES

STATE: PA ZIP: 15090

ESTIMATED DEPTH: TVD: 7,756.5' TMD: 20,991.6'
ESTIMATED DEPTH: TVD: 7,871.5' (pilot)
DESIGNATED AGENT: WILLIAM VEIGEL
ADDRESS: 65 PROFESSIONAL PLACE SUITE 200
CITY: BRIDGEPORT STATE: WV ZIP: 26330