

SPECIAL PROVISIONS

OIL AND GAS WELL

C-R-S: LAW-7-2.17 TREE CLEARING

PID: 120720

Date: 7/31/2024

OIL AND GAS WELL
SPECIAL PROVISION
LAW-7-2.17 TREE CLEARING (120720)

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Well Log – Active Well API # 34087601320000

WELL SUMMARY

ODNR DIVISION OF OIL & GAS RESOURCES MANAGEMENT

API Well Number	34087601320000	Permit Issued	12/31/1932
Well Name	EATON	Acres	Well No. 3
Owner	MYERS DRILLING COMPANY INC	Date Commenced	1/5/1933
Logging Co.		Well No.	Date Total Depth Reached 2/20/1933
Core No.		Sample No.	
County	LAWRENCE	Township	UNION
Section	28	Lot	Tract
Measured		Quadrangle	HUNTINGTON
GL	530	DF	KB
TD Form.		LTD	DTD
IP Natural	1	MCF	IP AT 350 MCF
Perforations	PI: 2216-2759PI: 1646-2189		
Stimulations	SI: 0-0, Type: NOT, Vol: 3600 Lbs		
Casing Record		Prod. Form.	Status Producing
Log Types		Initial Rock Pressure	Date Abandoned

Formations

Formation	Top	Bottom	Source	Prod.	Non-Standard	Remarks
SALT SAND	850	990	Card	No		
BIG LIME	990	1035	Card	No		
BIG INJUN SAND	1105	1165	Card	No		
BEREA SANDSTONE	1715	1725	Card	No		
SHALE	2120	2200	Card	No		1ST
SHALE	2275	2552	Card	No		2ND
SHALE	2715	2754	Card	No		3RD
LIME	2754	2759	Card	No		NIAGRA, T.D.

Annual Production

Year	Quarter	Source	Oil (Barrels)	Gas (MCF)	Water (Barrels)	Remarks
2009	N\A	RBDMS	0	920	0	
2010	N\A	RBDMS	0	1013	0	
2011	N\A	RBDMS	0	1187	0	
2012	N\A	RBDMS	0	1389	0	
2013	N\A	RBDMS	0	1545	0	
2014	N\A	RBDMS	0	1120	0	
2015	N\A	RBDMS	0	1413	0	
2016	N\A	RBDMS	0	1262	0	
2017	N\A	RBDMS	0	1663	0	
2018	N\A	RBDMS	0	1032	0	
2019	N\A	RBDMS	0	1311	0	
2020	N\A	RBDMS	0	1248	0	
2021	N\A	RBDMS	0	1201	0	
2022	N\A	RBDMS	0	904	0	

Well Log – Active Well API # 34087601020000

WELL SUMMARY

ODNR DIVISION OF OIL & GAS RESOURCES MANAGEMENT

API Well Number	3408760102000			Permit Issued					
Well Name	BOOTH			Acres	Well No.	1	Date Commenced	1/1/1900	
Owner	MYERS DRILLING COMPANY INC				Well No.		Date Total Depth Reached	5/16/1935	
Logging Co.	Core No.			Sample No.					
County	LAWRENCE	Township	UNION	Quadrangle	HUNTINGTON			Zone	S
Section	21	Lot	Tract	Twp. Qtr.	Surface Location: Lat 38.446081 Lon -82.437758				
Measured				Heel/Entry Last Take: Lat Lon					
				Toe First Take: Lat Lon					
				Target Location (TD): Lat Lon					
				Prop TD	Class	Tool			
GL	630	DF	KB	LTD	DTD	2843	PB Depth	Date PB	
TD Form.				Prod. Form.	OHIO SHALE			Status	Producing
IP Natural	1 MCF		IP AT	Initial Rock Pressure			Date Abandoned		
Perforations									
Stimulations									
Casing Record									
Log Types									

Formations

Formation	Top	Bottom	Source	Prod.	Non-Standard	Remarks
UNKNOWN	0	20	Card	No	SURFACE	
SHALE	20	30	Card	No		
SANDSTONE	30	50	Card	No		
SANDSTONE	50	785	Card	No		RED ROCK
UNKNOWN	785	915	Card	No	LS. & SHELL	HARD
SALT SAND	915	1042	Card	No		HFW 950
BIG LIME	1042	1175	Card	No		
UNKNOWN	1175	1230	Card	No	INJUN SS.	
UNKNOWN	1230	1795	Card	No	SH. & SHELLS	
BEREA SANDSTONE	1795	1805	Card	No		
UNKNOWN	1805	1950	Card	No	SH. & SHELLS	
SHELL	1950	1960	Card	No		DARK
SHALE	1960	1970	Card	No		WHITE
SHELL	1970	1990	Card	No		BROWN
SHALE	1990	2065	Card	No		WHITE
COFFEE	2065	2080	Card	No		BE-1195
COFFEE	2080	2247	Card	No		
SHALE	2247	2280	Card	No		BLACK
SHALE	2280	2310	Card	No		WHITE
SHALE	2310	2640	Card	No		BROWN
SHALE	2640	2800	Card	No		WHITE
SHALE	2800	2840	Card	No		HARD, BLACK
LIME	2840	2843	Card	No		TD.

Annual Production

Year	Quarter	Source	Oil (Barrels)	Gas (MCF)	Water (Barrels)	Remarks
2010	N/A	RBDMS	0	1013	0	
2011	N/A	RBDMS	0	1187	0	
2012	N/A	RBDMS	0	1389	0	
2013	N/A	RBDMS	0	1545	0	
2014	N/A	RBDMS	0	1120	0	

2015	N\A	RBDMS	0	1413	0
2016	N\A	RBDMS	0	984	0
2017	N\A	RBDMS	0	1663	0
2018	N\A	RBDMS	0	1032	0
2020	N\A	RBDMS	0	1248	0
2021	N\A	RBDMS	0	1201	0
2022	N\A	RBDMS	0	904	0

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Well Log - Abandoned Well API # 34087600970000

WELL SUMMARY

ODNR DIVISION OF OIL & GAS RESOURCES MANAGEMENT

API Well Number	34087600970000			Permit Issued			
Well Name	PRATT P& Z		Acres	Well No.	1	Date Commenced	1/1/1900
Owner	FRANKLIN & WOLFE OFG?			Well No.		Date Total Depth Reached	4/15/1933
Logging Co.		Core No.		Sample No.			
County	LAWRENCE	Township	UNION	Quadrangle	HUNTINGTON	Zone	S
Section	14	Lot	Tract	Twp. Qtr.		Surface Location: Lat	38.457105 Lon -82.408853
Measured						Heel/Entry Last Take: Lat	Lon
						Toe First Take: Lat	Lon
						Target Location (TD): Lat	Lon
						Prop TD	Class Tool
GL	664 DF	668 KB	LTD	DTD	3024	PB Depth	Date PB
TD Form.	LITTLE SHELL		Prod. Form.	OHIO SHALE		Status	Plugged and Abandoned
IP Natural	106 MCF		IP AT		Initial Rock Pressure	Date Abandoned	5/23/1952
Perforations							
Stimulations	SI: 0-0, Type: GEL, Vol: 4000 Lbs						
Casing Record							
Log Types							

Formations

Formation	Top	Bottom	Source	Prod.	Non-Standard	Remarks
UNKNOWN	0	5	Card	No	SURFACE	
UNKNOWN	5	29	Card	No	RR	
SLATE	29	85	Card	No		BLUE
UNKNOWN	85	100	Card	No	RR	
SLATE	100	145	Card	No		BLUE
UNKNOWN	145	150	Card	No	RR	
SLATE	150	175	Card	No		BLUE
SANDSTONE	175	180	Card	No		
SLATE	180	260	Card	No		BLUE
SANDSTONE	260	265	Card	No		
SLATE	265	285	Card	No		BLUE
SANDSTONE	285	295	Card	No		
SLATE	295	315	Card	No		BLUE
SANDSTONE	315	320	Card	No		
SLATE	320	360	Card	No		WH.
SANDSTONE	360	395	Card	No		
SLATE	395	410	Card	No		BLUE
SALT SAND	410	495	Card	No		
SLATE	495	570	Card	No		WH.
SANDSTONE	570	620	Card	No		
SLATE	620	640	Card	No		
SANDSTONE	640	650	Card	No		
SLATE	650	690	Card	No		WH.
SANDSTONE	690	710	Card	No		
SLATE	710	770	Card	No		WH.
SANDSTONE	770	785	Card	No		
SLATE	785	855	Card	No		BLK.
SANDSTONE	855	890	Card	No		
SLATE	890	915	Card	No		BLK.
SANDSTONE	915	935	Card	No		
UNKNOWN	935	960	Card	No	SLATE & SHELLS	

SANDSTONE	960	965	Card	No		
SLATE	965	1020	Card	No		BLK.
MAXTON SAND	1020	1100	Card	No		
SLATE	1100	1105	Card	No		BLK.
LITTLE SHELL	1110	1124	Card	No		
UNKNOWN	1124	1125	Card	No	CAVE	
BIG LIME	1125	1308	Card	No		
SLATE	1308	1310	Card	No		
KEENER SAND	1310	1335	Card	No		
SLATE	1335	1350	Card	No		
SLATE	1348	1400	Card	No		
BIG INJUN SAND	1350	1348	Card	No		
BIG INJUN SAND	1400	1450	Card	No		
UNKNOWN	1450	1840	Card	No	SLATE & SHELL	
SANDSTONE	1840	1865	Card	No		
SLATE	1865	1906	Card	No		
SLATE	1906	1911	Card	No		BLK.
BEREA SANDSTONE	1911	1921	Card	No		
SLATE	1921	1930	Card	No		WH.
SHELL	1930	1932	Card	No		
UNKNOWN	1932	1985	Card	No	SL. & SHELLS	
SHALE	1985	2080	Card	No		BLK.
SLATE	2080	2370	Card	No		WH.
SHALE	2370	2450	Card	No		BRN.
SLATE	2430	2445	Card	No		WH.
SLATE	2445	2580	Card	No		BLK.
SHALE	2580	2600	Card	No		WH.
SHALE	2600	2645	Card	No		BRN.
SHALE	2645	2675	Card	No		WH, SDY.
SHALE	2675	2815	Card	No		BRN.
SLATE	2815	2975	Card	No		WH.
SLATE	2975	3024	Card	No		BLK.

Annual Production

Year	Quarter	Source	Oil (Barrels)	Gas (MCF)	Water (Barrels)	Remarks
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Well Log - Abandoned Well API # 34087601070000

WELL SUMMARY

ODNR DIVISION OF OIL & GAS RESOURCES MANAGEMENT

API Well Number	34087601070000			Permit Issued			
Well Name	WHITELEY		Acres	Well No.	1	Date Commenced	1/1/1900
Owner	CHARTIERS			Well No.		Date Total Depth Reached	7/2/1933
Logging Co.	Core No.			Sample No.			
County	LAWRENCE	Township	UNION	Quadrangle	HUNTINGTON	Zone	S
Section	23	Lot	Tract	Twp. Qtr.	Surface Location: Lat 38.455225 Lon -82.396414		
Measured					Heel/Entry Last Take: Lat Lon		
					Toe First Take: Lat Lon		
					Target Location (TD): Lat Lon		
					Prop TD	Class	Tool
GL	571	DF	KB	LTD	DTD	3015	PB Depth Date PB
TD Form.				Prod. Form.	DEVONIAN	Status	Plugged and Abandoned
IP Natural	115	MCF	IP	AT	Initial Rock Pressure	Date Abandoned	10/24/1940
Perforations							
Stimulations							
Casing Record							
Log Types							

Formations

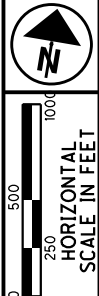
Formation	Top	Bottom	Source	Prod.	Non-Standard	Remarks
UNKNOWN	0	16	Card	No	SURFACE	
UNKNOWN	16	40	Card	No	RED ROCK	
SHALE	40	80	Card	No		WHITE
UNKNOWN	80	100	Card	No	RED ROCK	
SHALE	100	110	Card	No		WHITE
SANDSTONE	110	120	Card	No		
SHALE	120	135	Card	No		
SANDSTONE	135	145	Card	No		
SHALE	145	180	Card	No		
SANDSTONE	180	225	Card	No		
SHALE	225	250	Card	No		WHITE
UNKNOWN	250	569	Card	No	SS. & SH.	1/2 BAILER/SCREW AT 400'
COAL - GENERIC	569	571	Card	No		
UNKNOWN	571	613	Card	No	SS. & SH.	1 BAILER WATER/SCREW AT 580
UNKNOWN	613	702	Card	No	SH. & SS.	
UNKNOWN	702	1048	Card	No	SS. & SH.	HFW 990
SHALE	1048	1061	Card	No		BLACK
LITTLE SHELL	1061	1078	Card	No		
SHALE	1078	1082	Card	No		
BIG LIME	1082	1259	Card	No		
SHALE	1259	1285	Card	No		WHITE
UNKNOWN	1285	1332	Card	No	SS. & SH.	
BIG INJUN SAND	1332	1410	Card	No		
SHALE	1410	1616	Card	No		WHITE
SHELL	1616	1620	Card	No		
SHALE	1620	1783	Card	No		
UNKNOWN	1783	1798	Card	No	LS. SHELL	
SHALE	1798	1810	Card	No		
UNKNOWN	1810	1818	Card	No	LS. SHELL	
SHALE	1818	1837	Card	No		
SHALE	1837	1867	Card	No		BLACK

BEREA SANDSTONE	1867	1875	Card	No		GRIT
SHALE	1875	1879	Card	No		
LIME	1879	1884	Card	No		SDY.
UNKNOWN	1884	1920	Card	No	SH. & SHELLS	
SHALE	1920	1930	Card	No		WHITE
SHALE	1930	1980	Card	No		BROWN
SHALE	1980	2040	Card	No		WHITE
LIME	2040	2060	Card	No		
SHALE	2060	2134	Card	No		WHITE
SHELL	2134	2138	Card	No		
SHALE	2138	2415	Card	No		WHITE
SHALE	2415	2635	Card	Yes		BROWN, 115 M GAS AT 2665
SHALE	2635	2640	Card	No		WHITE
SHALE	2640	2793	Card	No		BROWN
SHALE	2690	3000	Card	No		BROWN
SHALE	2793	2690	Card	No		WHITE
UNKNOWN	3000	3015	Card	No	NIAGRA. LS.	T. D.

Annual Production

Year	Quarter	Source	Oil (Barrels)	Gas (MCF)	Water (Barrels)	Remarks
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Schematic Plans with Well Locations



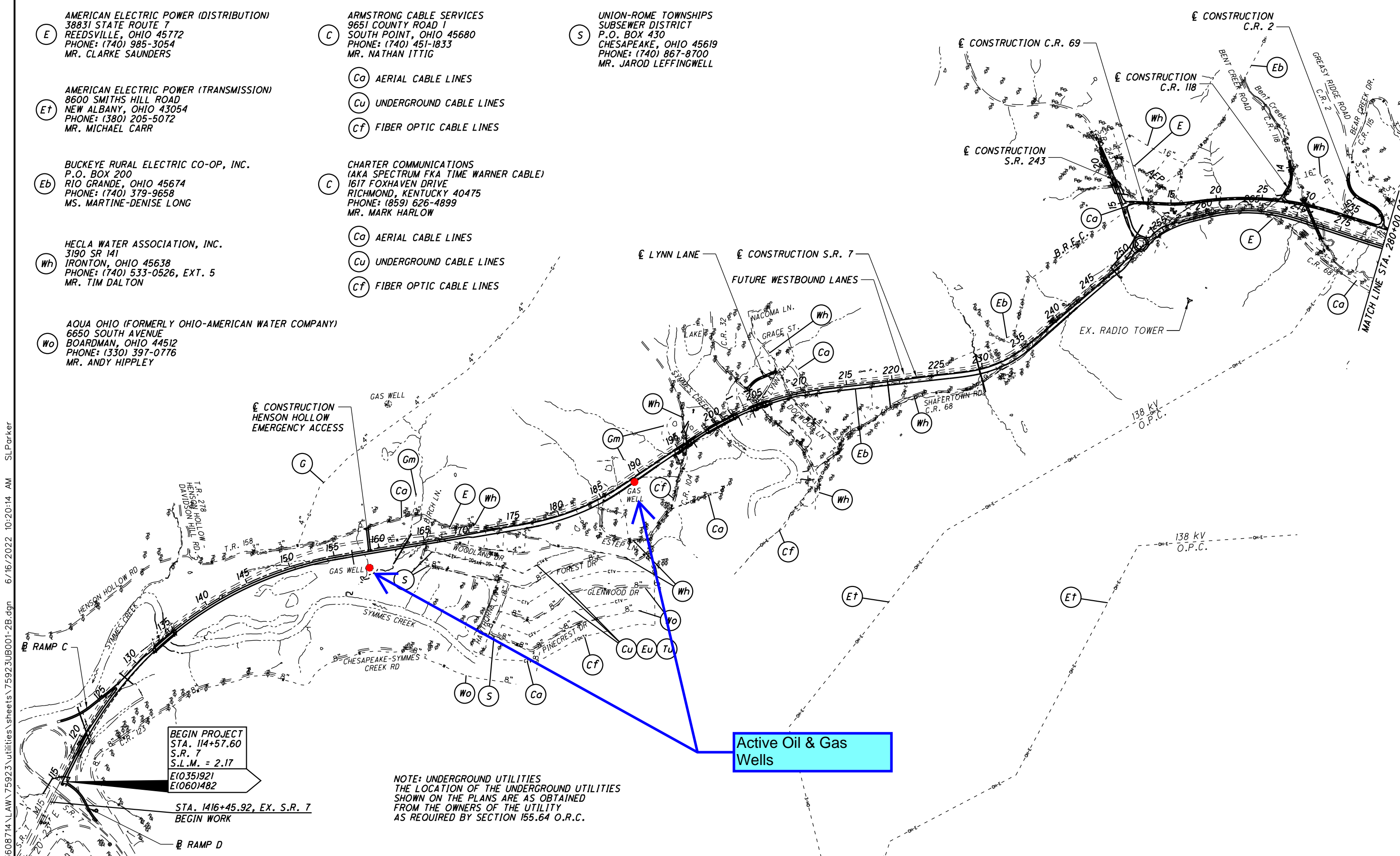
UTILITY SCHEMATIC PLAN

LAW-7-2.17

- (T) FRONTIER COMMUNICATIONS
1315 ALBERT STREET
PORTSMOUTH, OHIO 45662
PHONE: (740) 354-0521
MS. DENA MARTIN
- (E) AMERICAN ELECTRIC POWER (DISTRIBUTION)
38831 STATE ROUTE 7
REEDSVILLE, OHIO 45772
PHONE: (740) 985-3054
MR. CLARKE SAUNDERS
- (Et) AMERICAN ELECTRIC POWER (TRANSMISSION)
8600 SMITHS HILL ROAD
NEW ALBANY, OHIO 43054
PHONE: (380) 205-5072
MR. MICHAEL CARR
- (Eb) BUCKEYE RURAL ELECTRIC CO-OP, INC.
P.O. BOX 200
RIO GRANDE, OHIO 45674
PHONE: (740) 379-9658
MS. MARTINE-DENISE LONG
- (Wh) HECLA WATER ASSOCIATION, INC.
3190 SR 141
IRONTON, OHIO 45638
PHONE: (740) 533-0526, EXT. 5
MR. TIM DALTON
- (Wo) AQUA OHIO (FORMERLY OHIO-AMERICAN WATER COMPANY)
6650 SOUTH AVENUE
BOARDMAN, OHIO 44512
PHONE: (330) 397-0776
MR. ANDY HIPPLEY

- (G) COLUMBIA GAS OF OHIO
843 PIATT AVENUE
CHILLICOTHE, OHIO 45601
PHONE: (740) 656-7401
MR. JOSEPH DiBENEDETTO
- (C) ARMSTRONG CABLE SERVICES
9651 COUNTY ROAD 1
SOUTH POINT, OHIO 45680
PHONE: (740) 451-1833
MR. NATHAN ITTIG
- (Ca) AERIAL CABLE LINES
- (Cu) UNDERGROUND CABLE LINES
- (Cf) FIBER OPTIC CABLE LINES
- (C) CHARTER COMMUNICATIONS
(AKA SPECTRUM FKA TIME WARNER CABLE)
1617 FOXHAVEN DRIVE
RICHMOND, KENTUCKY 40475
PHONE: (859) 626-4899
MR. MARK HARLOW
- (Ca) AERIAL CABLE LINES
- (Cu) UNDERGROUND CABLE LINES
- (Cf) FIBER OPTIC CABLE LINES

- (Gm) MYERS DRILLING COMPANY
P.O. BOX 290
BARBOURSVILLE, WV. 25504
PHONE: (304) 736-7431
MR. JOHN DIAL
- (S) UNION-ROME TOWNSHIPS
SUBSEWER DISTRICT
P.O. BOX 430
CHESAPEAKE, OHIO 45619
PHONE: (740) 867-8700
MR. JAROD LEFFINGWELL



BEGIN PROJECT
STA. 114+57.60
S.R. 7
S.L.M. = 2.17
E(035)921
E(060)482

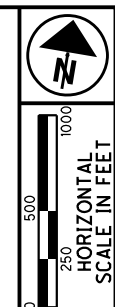
STA. 1416+45.92, EX. S.R. 7
BEGIN WORK

RAMP D

NOTE: UNDERGROUND UTILITIES
THE LOCATION OF THE UNDERGROUND UTILITIES
SHOWN ON THE PLANS ARE AS OBTAINED
FROM THE OWNERS OF THE UTILITY
AS REQUIRED BY SECTION 155.64 O.R.C.

Active Oil & Gas
Wells

U:\173608714\LA\75923\utilities\sheets\75923\UB001-2B.dgn 6/16/2022 10:20:14 AM SL Parker



SCHEMATIC PLAN

LAW-7-2.17

CURVE DATA
S.R. 7
CURVE NO. 6

P.I. STA. 280+92.68 $\theta_s = 0^\circ 37' 30''$
 $\Delta = 5^\circ 51' 21''$ (LT) $L_s = 125.00'$
 $D_c = 1^\circ 00' 00''$ $T_s = 355.56'$
 $R = 5,729.58'$ $LT = 83.33'$
 $T = 230.42'$ $ST = 41.67'$
 $L = 460.59'$ $e_{max} = 2.90\%$
 $E = 4.63'$ $CS STA. 283+22.71$
 $TS STA. 277+37.12$ $ST STA. 284+47.71$
 $SC STA. 278+62.12$

CURVE DATA
S.R. 7
CURVE NO. 7

P.I. STA. 326+36.08 $\theta_s = 2^\circ 30' 00''$
 $\Delta = 31^\circ 21' 41''$ (RT) $L_s = 250.00'$
 $D_c = 2^\circ 00' 00''$ $T_s = 929.46'$
 $R = 2,864.79'$ $LT = 166.68'$
 $T = 670.91'$ $ST = 83.35'$
 $L = 1,318.07'$ $e_{max} = 5.10\%$
 $E = 77.51'$ $CS STA. 332+74.69$
 $TS STA. 317+06.62$ $ST STA. 335+24.69$
 $SC STA. 319+56.62$

CURVE DATA
S.R. 7
CURVE NO. 8

P.I. STA. 355+16.90 $\theta_s = 0^\circ 32' 45''$
 $\Delta = 9^\circ 56' 13''$ (LT) $L_s = 125.00'$
 $D_c = 0^\circ 52' 24''$ $T_s = 632.80'$
 $R = 6,560.00'$ $LT = 83.33'$
 $T = 507.37'$ $ST = 41.67'$
 $L = 1,012.73'$ $e_{max} = 2.60\%$
 $E = 19.59'$ $CS STA. 360+21.83$
 $TS STA. 348+84.10$ $ST STA. 361+46.83$
 $SC STA. 350+09.10$

CURVE DATA
S.R. 7
CURVE NO. 9

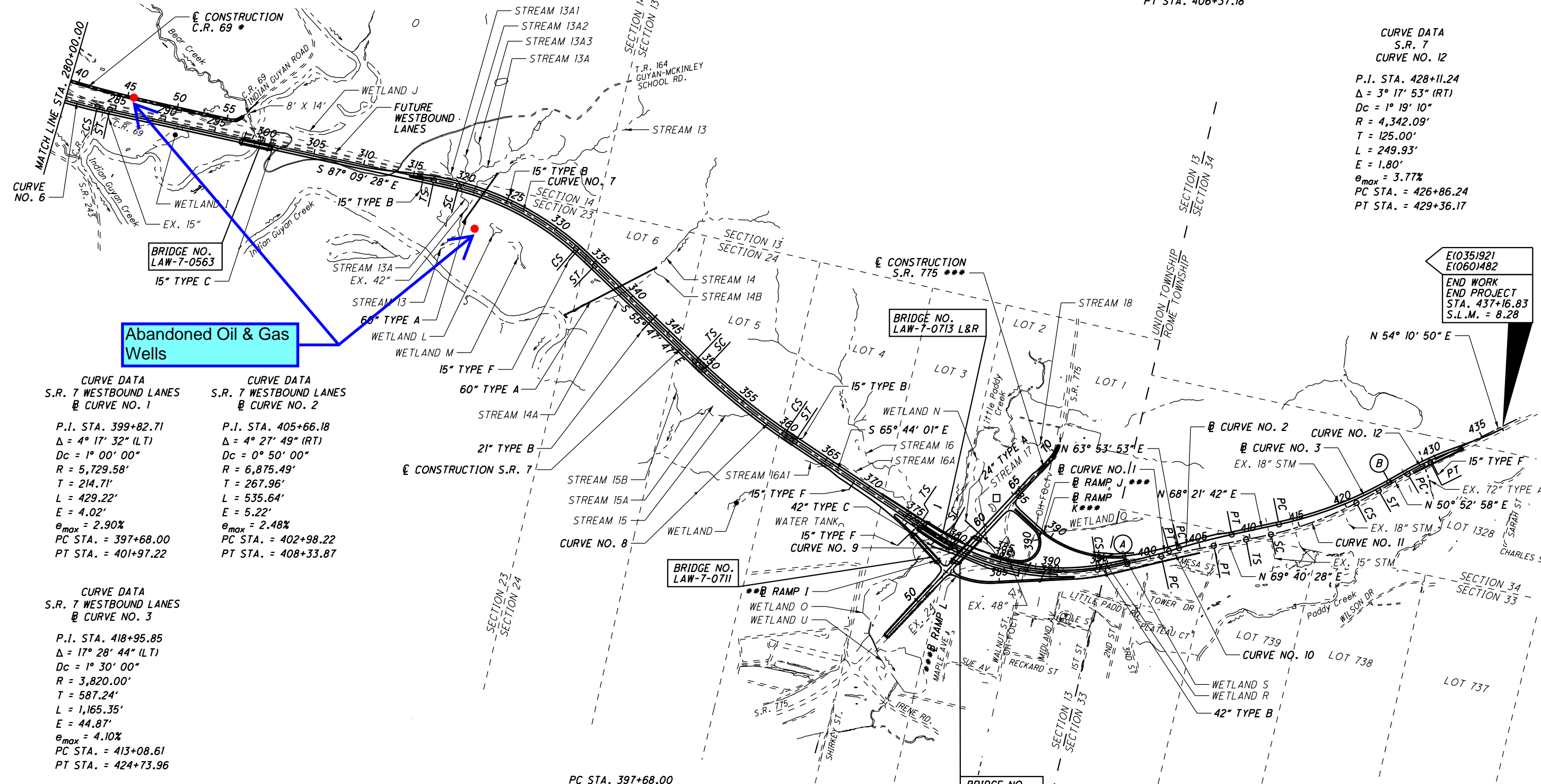
P.I. STA. 387+47.15 $\theta_s = 3^\circ 44' 12''$
 $\Delta = 46^\circ 04' 34''$ (LT) $L_s = 300.00'$
 $D_c = 2^\circ 29' 28''$ $T_s = 1,128.77'$
 $R = 2,300.00'$ $LT = 200.04'$
 $T = 805.51'$ $ST = 100.04'$
 $L = 1,549.62'$ $e_{max} = 6.20\%$
 $E = 136.98'$ $CS STA. 394+68.00$
 $TS STA. 376+18.38$ $ST STA. 397+68.00$
 $SC STA. 379+18.38$

CURVE DATA
S.R. 7
CURVE NO. 10

P.I. STA. 403+74.19 $\theta_s = 1^\circ 29' 03''$ (RT)
 $\Delta = 1^\circ 29' 03''$ (RT) $L_s = 250.00'$
 $D_c = 0^\circ 16' 56''$ $T_s = 704.28'$
 $R = 3,500.00'$ $LT = 166.68'$
 $T = 263.02'$ $ST = 83.34'$
 $L = 897.92'$ $e_{max} = 4.47\%$
 $E = 28.99'$ $CS STA. 421+07.18$
 $TS STA. = 409+59.26$ $ST STA. 423+57.18$
 $SC STA. = 412+09.26$

CURVE DATA
S.R. 7
CURVE NO. 12

P.I. STA. 428+11.24
 $\Delta = 3^\circ 17' 53''$ (RT)
 $D_c = 1^\circ 19' 10''$
 $R = 4,342.09'$
 $T = 125.00'$
 $L = 249.93'$
 $E = 1.80'$
 $e_{max} = 3.77\%$
 $PC STA. = 426+86.24$
 $PT STA. = 429+36.17$



CURVE DATA
S.R. 7 WESTBOUND LANES
@ CURVE NO. 1

P.I. STA. 399+82.71
 $\Delta = 4^\circ 17' 32''$ (LT)
 $D_c = 1^\circ 00' 00''$
 $R = 5,729.58'$
 $T = 214.71'$
 $L = 429.22'$
 $E = 4.02'$
 $e_{max} = 2.90\%$
 $PC STA. = 397+68.00$
 $PT STA. = 401+97.22$

CURVE DATA
S.R. 7 WESTBOUND LANES
@ CURVE NO. 2

P.I. STA. 405+66.18
 $\Delta = 4^\circ 27' 49''$ (RT)
 $D_c = 0^\circ 50' 00''$
 $R = 6,875.49'$
 $T = 267.96'$
 $L = 535.64'$
 $E = 5.22'$
 $e_{max} = 2.48\%$
 $PC STA. = 402+98.22$
 $PT STA. = 408+33.87$

CURVE DATA
S.R. 7 WESTBOUND LANES
@ CURVE NO. 3

P.I. STA. 418+95.85
 $\Delta = 17^\circ 28' 44''$ (LT)
 $D_c = 1^\circ 30' 00''$
 $R = 3,820.00'$
 $T = 587.24'$
 $L = 1,165.35'$
 $E = 44.87'$
 $e_{max} = 4.10\%$
 $PC STA. = 413+08.61$
 $PT STA. = 424+73.96$

(A) PC STA. 397+68.00
 BEGIN @ WEST BOUND LANES =
 ST STA. 397+68.00, S.R. 7, 20' LT.

(B) PT STA. 424+73.96 @ WESTBOUND LANES BACK
 END @ WESTBOUND LANES =
 STA. 424+88.90, S.R. 7 AHEAD

NOTES:
 FOR LANDSCAPED AREAS INSIDE OF RIGHT OF WAY, SEE RIGHT OF WAY PLANS.
 FOR UTILITY LOCATIONS, SEE UTILITY SCHEMATIC, SHEET 13-14.
 @ WESTBOUND LANES GIVEN FOR HORIZONTAL ALIGNMENT ONLY.

* SEE DETAILS ON SHEET 9.
 ** SEE DETAILS ON SHEET 10.
 *** SEE DETAILS ON SHEET 11.
 □ WETLAND P

U:\173608714\LAN\75923\roadway_sheets\75923\B002-2B.dgn 5/21/2024 4:48:01 PM SLParker