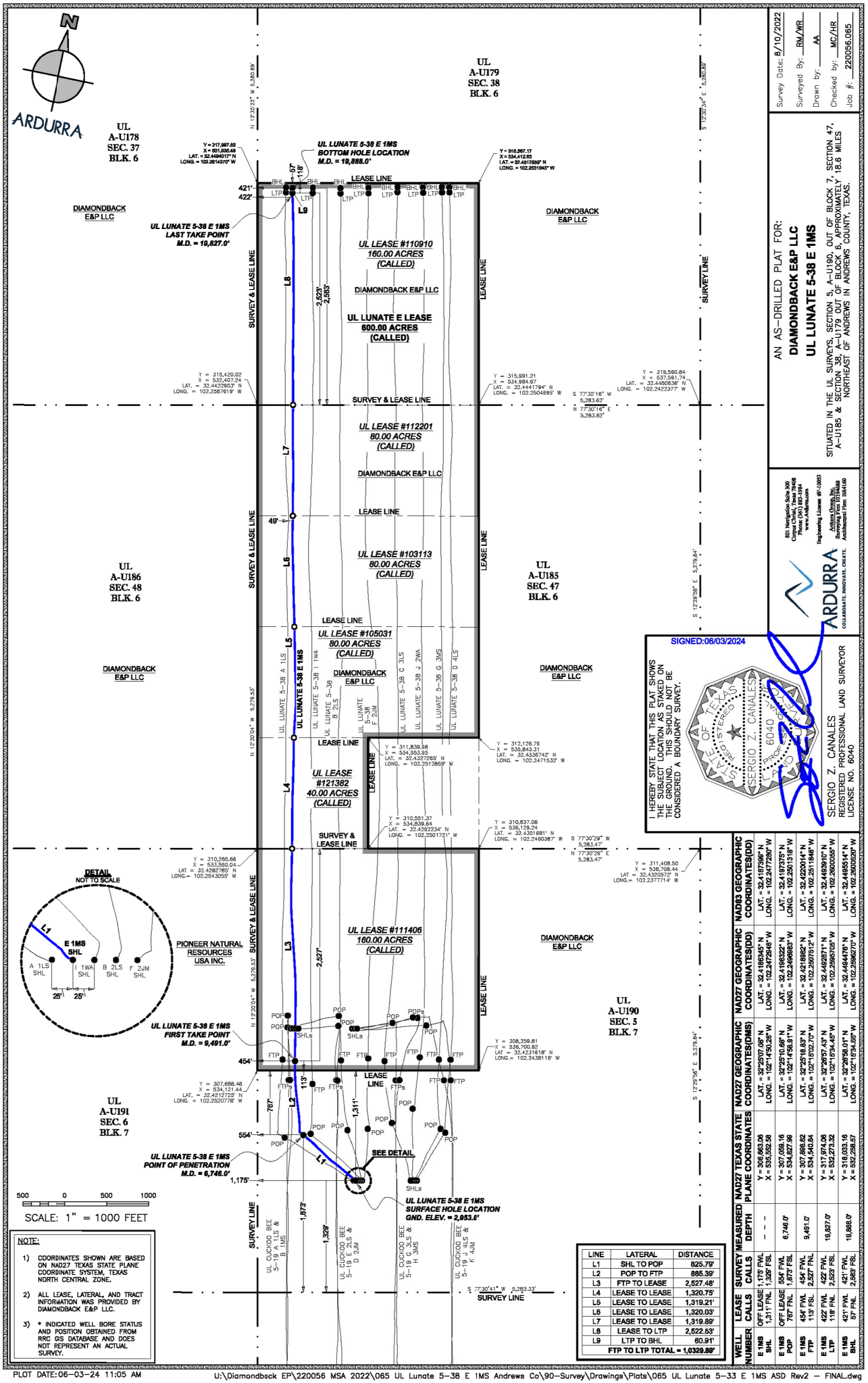

Survey Date: 8/10/2022
Surveyed By: RM/WR
Drawn by: AA
Checked by: MC/HR
Job #: 220056.065

AN AS-DRILLED PLAT FOR:
DIAMONDBACK E&P LLC
UL LUNATE 5-38 E 1MS

SITUATED IN THE UL SURVEYS, SECTION 5, A-U190, OUT OF BLOCK 7, SECTION 47, A-U185 & SECTION 38, A-U179 OUT OF BLOCK 6, APPROXIMATELY 18.6 MILES NORTHEAST OF ANDREWS IN ANDREWS COUNTY, TEXAS.

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Arduria Group, Inc.
Surveying License #10194(a)
Architectural Firm: (BR4149)

LINE	LATERAL	DISTANCE
L1	SHL TO POP	825.79'
L2	POP TO FTP	885.39'
L3	FTP TO LEASE	2,527.48'
L4	LEASE TO LEASE	1,320.75'
L5	LEASE TO LEASE	1,319.21'
L6	LEASE TO LEASE	1,320.03'
L7	LEASE TO LEASE	1,319.89'
L8	LEASE TO LTP	2,522.53'
L9	LTP TO BHL	60.91'
FTP TO LTP TOTAL = 1,0329.89'		

WELL NUMBER	LEASE CALLS	SURVEY CALLS	MEASURED DEPTH	NAD27 TEXAS STATE PLANE COORDINATES	NAD27 GEOGRAPHIC COORDINATES(DMS)	NAD27 GEOGRAPHIC COORDINATES(DD)	NAD83 GEOGRAPHIC COORDINATES(DD)
E 1MS SHL	OFF LEASE 1,311' FNL	1,175' FWL 1,329' FSL	- - -	Y = 306,863.06 X = 535,552.58	LAT. = 32°25'07.06" N LONG. = 102°14'50.28" W	LAT. = 32.4186345° N LONG. = 102.2472298° W	LAT. = 32.4187396° N LONG. = 102.2477287° W
E 1MS POP	OFF LEASE 767' FNL	554' FWL 1,873' FSL	6,746.0'	Y = 307,053.16 X = 534,227.89	LAT. = 32°25'10.68" N LONG. = 102°14'58.31" W	LAT. = 32.4196322° N LONG. = 102.2496663° W	LAT. = 32.4197375° N LONG. = 102.2501316° W
E 1MS FTP	454' FWL 113' FSL	454' FWL 2,527' FNL	9,491.0'	Y = 307,886.62 X = 534,540.84	LAT. = 32°25'19.83" N LONG. = 102°15'02.70" W	LAT. = 32.4219962° N LONG. = 102.2507512° W	LAT. = 32.4220014° N LONG. = 102.2511846° W
E 1MS LTP	422' FWL 118' FNL	422' FWL 2,523' FSL	19,827.0'	Y = 317,974.06 X = 532,273.32	LAT. = 32°26'57.43" N LONG. = 102°15'34.45" W	LAT. = 32.4492871° N LONG. = 102.2595705° W	LAT. = 32.4493910° N LONG. = 102.2600055° W
E 1MS BHL	421' FWL 57' FNL	421' FWL 2,583' FSL	19,888.0'	Y = 318,033.16 X = 532,258.57	LAT. = 32°26'58.01" N LONG. = 102°15'34.65" W	LAT. = 32.4494476° N LONG. = 102.2596270° W	LAT. = 32.4495514° N LONG. = 102.2600620° W

NOTE:

1) COORDINATES SHOWN ARE BASED ON NAD27 TEXAS STATE PLANE COORDINATE SYSTEM, TEXAS NORTH CENTRAL ZONE.

2) ALL LEASE, LATERAL, AND TRACT INFORMATION WAS PROVIDED BY DIAMONDBACK E&P LLC.

3) * INDICATED WELL BORE STATUS AND POSITION OBTAINED FROM RRC GIS DATABASE AND DOES NOT REPRESENT AN ACTUAL SURVEY.