



UL
A-U178
SEC. 37
BLK. 6

UL
A-U179
SEC. 38
BLK. 6

DIAMONDBACK
E&P LLC

UL LUNATE 5-38 E 1MS
LAST TAKE POINT
M.D. = 19,827.0'

UL LUNATE 5-38 E 1MS
BOTTOM HOLE LOCATION
M.D. = 19,888.0'

DIAMONDBACK
E&P LLC

UL LEASE #110910
160.00 ACRES
(CALLED)

UL LUNATE E LEASE
600.00 ACRES
(CALLED)

UL LEASE #112201
80.00 ACRES
(CALLED)

UL LEASE #103113
80.00 ACRES
(CALLED)

UL LEASE #105031
80.00 ACRES
(CALLED)

UL LEASE #121382
40.00 ACRES
(CALLED)

UL LEASE #111406
160.00 ACRES
(CALLED)

UL LUNATE 5-38 E 1MS
FIRST TAKE POINT
M.D. = 9,491.0'

UL
A-U191
SEC. 6
BLK. 7

UL LUNATE 5-38 E 1MS
POINT OF PENETRATION
M.D. = 6,746.0'

UL LUNATE 5-38 E 1MS
SURFACE HOLE LOCATION
GND. ELEV. = 2,953.8'

500 0 500 1000
SCALE: 1" = 1000 FEET

NOTE:

- COORDINATES SHOWN ARE BASED ON NAD27 TEXAS STATE PLANE COORDINATE SYSTEM, TEXAS NORTH CENTRAL ZONE.
- ALL LEASE, LATERAL, AND TRACT INFORMATION WAS PROVIDED BY DIAMONDBACK E&P LLC.
- * INDICATED WELL BORE STATUS AND POSITION OBTAINED FROM RRC GIS DATABASE AND DOES NOT REPRESENT AN ACTUAL SURVEY.

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 MEASURED DEPTH	NAD27 TEXAS STATE PLANE COORDINATES	NAD27 GEOGRAPHIC COORDINATES(DMS)	NAD27 GEOGRAPHIC COORDINATES(DD)	NAD83 GEOGRAPHIC COORDINATES(DD)
E 1MS SHL	OFF LEASE 1,175' FNL 1,329' FSL	---	Y = 306,663.06 X = 535,552.58	LAT. = 32°25'07.08" N LONG. = 102°14'50.26" W	LAT. = 32.4187399° N LONG. = 102.2472946° W	LAT. = 32.4187399° N LONG. = 102.2472946° W
E 1MS POP	OFF LEASE 1,311' FNL 1,873' FSL	6,746.0'	Y = 307,059.16 X = 534,827.99	LAT. = 32°25'10.68" N LONG. = 102°14'58.91" W	LAT. = 32.4196322° N LONG. = 102.2496983° W	LAT. = 32.4196322° N LONG. = 102.2501318° W
E 1MS FTP	454' FWL 113' FSL 2,527' FSL	9,491.0'	Y = 307,896.62 X = 534,540.64	LAT. = 32°25'18.83" N LONG. = 102°15'02.70" W	LAT. = 32.4218962° N LONG. = 102.2507512° W	LAT. = 32.4220014° N LONG. = 102.2511848° W
E 1MS LTP	422' FWL 118' FNL 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 2,583' FSL	19,888.0'	Y = 318,033.16 X = 532,258.57	LAT. = 32°26'58.07" N LONG. = 102°15'34.86" W	LAT. = 32.449476° N LONG. = 102.2596270° W	LAT. = 32.4495514° N LONG. = 102.2600620° W

I HEREBY STATE THAT THIS PLAT SHOWS THE SUBJECT LOCATION AS STAKED ON THE GROUND. THIS SHOULD NOT BE CONSIDERED A BOUNDARY SURVEY.

SIGNED: 4/04/2024

ARDURRA
REGISTERED PROFESSIONAL LAND SURVEYOR
LICENSE NO. 6040

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

801 Navigation Suite 200
Corpus Christi, Texas 79408
Phone: (361) 983-1984
www.Ardurra.com
Engineering License #E-10063



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.

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