AN AS-DRILLED PLAT FOR:
DIAMONDBACK E&P LLC
UL LAKE VALLEY 10-19 D 3JM
SITUATED IN THE UL SURVEYS, SECTION 5, A-U190, SECTION 10, A-U195 & SECTION 19, A-U200, OUT OF BLOCK 7, APPROXIMATELY 19.2 MILES NORTHEAST OF ANDREWS IN ANDREWS COUNTY, TEXAS.

Survey Date: 3/8/2022
Surveyed By: RM/WR
Drawn by: AG
Checked by: CL/HR
Job #: 200073.387

801 Navigation Suite 300
Corpus Christi, Texas 78408
Phone: (361) 883-1984
www.Ardurra.com
Engineering License #F-10053
Ardurra Group, Inc.
Surveying Firm 10194688
Architectural Firm BR4160
ARDURRA
COLLABORATE. INNOVATE. CREATE.

SIGNED: 01/18/2023

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

SERGIO Z. CANALES
REGISTERED PROFESSIONAL LAND SURVEYOR
LICENSE NO. 6040

STATE OF TEXAS — REGISTERED — SERGIO Z. CANALES — 6040 — PROFESSIONAL — LAND SURVEYOR

UL A-U191 SEC. 6 BLK. 7

UL A-U190 SEC. 5 BLK. 7

UL A-U189 SEC. 4 BLK. 7

UL A-U196 SEC. 11 BLK. 7

UL A-U195 SEC. 10 BLK. 7

UL A-U194 SEC. 9 BLK. 7

UL A-U201 SEC. 20 BLK. 7

UL A-U200 SEC. 19 BLK. 7

UL A-U199 SEC. 18 BLK. 7

UL A-U205 SEC. 24 BLK. 7

UL A-U206 SEC. 25 BLK. 7

1LS, 1MS, 2LS, & 2JM SHLs

3LS, 3MS, 4LS, & 4JM SHLs

UL MASON WEST UNIT 11LS LATERAL

UL MASON WEST UNIT 10LS LATERAL

UL MASON WEST UNIT 9LS LATERAL

UL MASON WEST UNIT 8LS LATERAL

SURVEY LINE

N 12°30'04" W 5,279.53'

S 12°29'58" E 5,279.84'

UL LAKE VALLEY 10-19 D 3JM
SURFACE HOLE LOCATION
GND. ELEV. = 2,954.4'

SEE DETAIL 'A'

UL LAKE VALLEY 10-19 D 3JM
POINT OF PENETRATION
T.V.D. = 6,695.0'

1,289'

1,382'

941'

533'

153'

L1

L2

Y = 305,111.30
X = 534,692.84
LAT = 32.4142665° N
LONG.= 102.2498505° W

N 77°30'41" E
5,283.33'

S 77°30'41" W
5,283.33'

SURVEY & LEASE LINE

DETAIL 'A'
NOT TO SCALE

A 1LS SHL
B 2MS SHL
F 1WA SHL
C 2LS SHL
D 3JM SHL
G 2WA SHL
E 4MS SHL
25'
25'
L1

UL LAKE VALLEY 10-19 D 3JM
FIRST TAKE POINT
M.D. = 9,576.0'

1,348'

Y = 306,253.80
X = 539,851.16
LAT = 32.4180437° N
LONG.= 102.2333191° W

UNIVERSITY 7-10 UNIT 6H SHL

UL MASON WEST UNIT 10LS & 11LS SHLs

UL MASON WEST UNIT 8LS & 9LS SHLs

0'

629'

L3

UL LEASE #111407
400.00 ACRES
(CALLED)

UL CUCKOO BEE 5-19 A 1LS & B 1MS LATERALS

UL CUCKOO BEE 5-19 E 2LS & D 2JM LATERALS

UL CUCKOO BEE 5-19 G 3LS & H 3MS LATERALS

UL CUCKOO BEE 5-19 J 4LS & K 4JM LATERALS

LEASE LINE

UL LEASE #107136
160.00 ACRES
(CALLED)

L4

UL LAKE VALLEY 10-19 G 2WA & D 3JM LATERALS

Y = 301,817.86
X = 538,128.50
LAT. = 32.4056490° N
LONG. = 102.2382476° W

Y = 301,246.86
X = 535,549.93
LAT. = 32.4037611° N
LONG. = 102.2465104° W

LEASE LINE

UL LAKE VALLEY 10-19 A 1LS LATERAL

UL LAKE VALLEY 10-19 B 2MS & F 1WA LATERALS

UL LAKE VALLEY 10-19 C 2LS LATERAL

UNIVERSITY 7-10 UNIT 6H LATERAL

UL LAKE VALLEY 10-19 E 4MS LATERAL

S 12°29'13" E 5,278.10'

SURVEY & LEASE LINE

N 12°30'18" W 5,277.79'

Y = 299,958.71
X = 535,835.62
LAT = 32.4002593° N
LONG.= 102.2453973° W

Y = 300,529.63
X = 538,414.00
LAT = 32.4021468° N
LONG.= 102.2371354° W

S 77°30'53" W
5,281.67'

N 77°30'53" E
5,281.67'

Y = 301,100.56
X = 540,992.39
LAT = 32.4040338° N
LONG.= 102.2288731° W

UL LAKE VALLEY LEASE
1,200.00 ACRES (CALLED)

L5

0'

UL LEASE #107148
80.00 ACRES
(CALLED)

UL LEASE #111410
240.00 ACRES
(CALLED)

DETAIL 'B'
NOT TO SCALE

C 2LS LTP
C 2LS BHL
G 2WA LTP
G 2WA BHL
D 3JM LTP
D 3JM BHL
L7
L8
88'
31'
LEASE LINE

L6

729'

LTPs
BHLs

149'

UL LAKE VALLEY 10-19 D 3JM
LAST TAKE PIPE
M.D. = 18,577.0'

UL LAKE VALLEY 10-19 D 3JM
BOTTOM HOLE LOCATION
M.D. = 18,667.0'

SEE DETAIL 'B'

LTP
LTP's
BHL's
BHL

1,297'
1,294'

UL LEASE #107149
240.00 ACRES
(CALLED)

UL 1933 07DN, 07SA, 07MB, 06SB, 06LM, 05SC, 04MB & 04DN SHLs

UL 1933 04SA, 03SB, 03LM, 02SC, 01DN & 01SA SHLs

1,351'

1,407'

S2/SE4 OF SECTION 19
80.00 ACRES
(CALLED)

Y = 294,806.13
X = 536,978.40
LAT = 32.3862518° N
LONG.= 102.2409454° W

S 77°31'05" W 5,280.01'

Y = 295,947.31
X = 542,133.62
LAT = 32.3900238° N
LONG.= 102.2244286° W

UL 1933 E13 07DN LATERAL
UL 1933 E14 07SA LATERAL
UL 1933 E15 07MB LATERAL
UL 1933 E12 06SB LATERAL
UL 1933 E11 06LM LATERAL
UL 1933 E10 05SC LATERAL
UL 1933 E9 04MB LATERAL
UL 1933 E7 04SA & E8 04DN LATERALS
UL 1933 E6 03SB LATERAL
UL 1933 E5 03LM LATERAL
UL 1933 E4 02SC LATERAL
UL 1933 E1 01DN LATERAL
UL 1933 E2 01SA LATERAL

500 0 500 1000
SCALE: 1" = 1000 FEET

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.

LINE	LATERAL	DISTANCE
L1	SHL TO POP	418.18'
L2	POP TO FTP	686.99'
L3	FTP TO LEASE	2,486.15'
L4	LEASE TO LEASE	2,639.01'
L5	LEASE TO LEASE	1,319.57'
L6	LEASE TO LEASE	1,319.56'
L7	LEASE TO LTP	1,232.20'
L8	LTP TO BHL	56.25'
FTP TO LTP TOTAL = 8,996.49'		

WELL NUMBER	LEASE CALLS	SURVEY CALLS	MEASURED DEPTH	NAD27 TEXAS STATE PLANE COORDINATES	NAD27 GEOGRAPHIC COORDINATES(DMS)	NAD27 GEOGRAPHIC COORDINATES(DD)
D 3JM SHL	OFF LEASE 941' FSL	1,289' FEL 941' FSL	- - -	Y = 306,893.64 X = 538,388.51	LAT. = 32°25'10.63" N LONG. = 102°14'17.33" W	LAT. = 32.4196195° N LONG. = 102.2381475° W
D 3JM POP	OFF LEASE 533' FSL	1,382' FEL 533' FSL	6,695.0' (T.V.D.)	Y = 306,475.46 X = 538,386.60	LAT. = 32°25'06.50" N LONG. = 102°14'17.13" W	LAT. = 32.4184709° N LONG. = 102.2380926° W
D 3JM FTP	1,348' FEL 153' FNL	1,348' FEL 153' FNL	9,576.0'	Y = 305,812.93 X = 538,568.29	LAT. = 32°25'00.03" N LONG. = 102°14'14.67" W	LAT. = 32.4166741° N LONG. = 102.2374077° W
D 3JM LTP	1,297' FEL 1,407' FSL	1,297' FEL 1,407' FSL	18,577.0'	Y = 297,040.77 X = 540,562.97	LAT. = 32°23'34.20" N LONG. = 102°13'46.82" W	LAT. = 32.3928323° N LONG. = 102.2296710° W
D 3JM BHL	1,294' FEL 1,351' FSL	1,294' FEL 1,351' FSL	18,667.0'	Y = 296,986.65 X = 540,578.28	LAT. = 32°23'33.67" N LONG. = 102°13'46.61" W	LAT. = 32.3926855° N LONG. = 102.2296136° W

PLOT DATE: 01-18-23 2:54 PM

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