ARDURRA

Survey Date: 3/8/2022
Surveyed By: RM/WR
Drawn by: AG
Checked by: CL/HR
Job #: 200073.384

AN AS-DRILLED PLAT FOR:
DIAMONDBACK E&P LLC

UL LAKE VALLEY 10-19 A 1LS

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.

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Engineering License #F-10053
Ardurra Group, Inc.
Surveying Firm 10194688
Architectural Firm BR4160

ARDURRA
COLLABORATE. INNOVATE. CREATE.

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

N 12°30'04" W 5,279.53'

S 12°29'58" E 5,279.84'

SURVEY LINE

UL MASON WEST UNIT 11LS LATERAL

UL MASON WEST UNIT 10LS LATERAL

UL MASON WEST UNIT 9LS LATERAL

UL MASON WEST UNIT 8LS LATERAL

UL LAKE VALLEY 10-19 A 1LS
SURFACE HOLE LOCATION
GND. ELEV. = 2,956.3'

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

SEE DETAIL 'A'

UL LAKE VALLEY 10-19 A 1LS
POINT OF PENETRATION
T.V.D. = 6,706.0'

L1 2,188' 1,390'

L2 967' 940' 179'

N 77°30'41" E 5,283.33'

S 77°30'41" W 5,283.33'

SURVEY & LEASE LINE

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

2,294'

DETAIL 'A'
NOT TO SCALE

25'

L1 A 1LS SHL

B 2MS SHL

F 1WA SHL

C 2LS SHL

D 3JM SHL

G 2WA SHL

E 4MS SHL

UL LAKE VALLEY 10-19 A 1LS
FIRST TAKE POINT
M.D. = 10,300.0'

0' 0'

UNIVERSITY 7-10 UNIT 6H SHL

UL MASON WEST UNIT 10LS & 11LS SHLs

UL MASON WEST UNIT 8LS & 9LS SHLs

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

L3 633'

LEASE LINE

L4

UL LEASE #107136
160.00 ACRES
(CALLED)

N 12°30'18" W 5,277.79'

S 12°29'13" E 5,278.10'

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

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

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

UNIVERSITY 7-10 UNIT 6H LATERAL

UL LAKE VALLEY 10-19 E 4MS LATERAL

347'

SURVEY & LEASE LINE

S 77°30'53" W 5,281.67'

N 77°30'53" E 5,281.67'

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

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

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)

UL LEASE #107148
80.00 ACRES
(CALLED)

L5

L6

UL LEASE #111410
240.00 ACRES
(CALLED)

LTPs BHLs

DETAIL 'B'
NOT TO SCALE

L7 97' L8 23'

A 1LS LTP

A 1LS BHL

F 1WA LTP

F 1WA BHL

B 2MS LTP

B 2MS BHL

UL LAKE VALLEY 10-19 A 1LS
LAST TAKE POINT
M.D. = 19,302.0'

UL LAKE VALLEY 10-19 A 1LS
BOTTOM HOLE LOCATION
M.D. = 19,388.0'

SEE DETAIL 'B'

2,270'
2,266'

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

S2/SE4 OF SECTION 19
80.00 ACRES
(CALLED)

1,417' 1,342'

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	799.01'
L2	POP TO FTP	1,150.33'
L3	FTP TO LEASE	2,460.41'
L4	LEASE TO LEASE	2,639.55'
L5	LEASE TO LEASE	1,320.04'
L6	LEASE TO LEASE	1,319.76'
L7	LEASE TO LTP	1,222.52'
L8	LTP TO BHL	74.78'
FTP TO LTP TOTAL = 8,962.28'		

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

SIGNED: 1/18/2023

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

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

WELL NUMBER	LEASE CALLS	SURVEY CALLS	MEASURED DEPTH	NAD27 TEXAS STATE PLANE COORDINATES	NAD27 GEOGRAPHIC COORDINATES(DMS)	NAD27 GEOGRAPHIC COORDINATES(DD)
A 1LS SHL	OFF LEASE 940' FSL	1,390' FEL 940' FSL	- - -	Y = 306,871.42 X = 538,290.96	LAT. = 32°25'10.37" N LONG. = 102°14'18.46" W	LAT. = 32.4195464° N LONG. = 102.2384601° W
A 1LS POP	OFF LEASE 967' FSL	2,188' FEL 967' FSL	6,706.0' (T.V.D.)	Y = 306,724.29 X = 537,505.61	LAT. = 32°25'08.56" N LONG. = 102°14'27.53" W	LAT. = 32.4190450° N LONG. = 102.2409810° W
A 1LS FTP	2,294' FEL 179' FNL	2,294' FEL 179' FNL	10,300.0'	Y = 305,583.11 X = 537,650.41	LAT. = 32°24'57.35" N LONG. = 102°14'25.24" W	LAT. = 32.4159292° N LONG. = 102.2403454° W
A 1LS LTP	2,270' FEL 1,417' FSL	2,270' FEL 1,417' FSL	19,302.0'	Y = 296,839.73 X = 539,610.51	LAT. = 32°23'31.78" N LONG. = 102°13'57.81" W	LAT. = 32.3921623° N LONG. = 102.2327242° W
A 1LS BHL	2,266' FEL 1,342' FSL	2,266' FEL 1,342' FSL	19,388.0'	Y = 296,767.91 X = 539,631.36	LAT. = 32°23'31.08" N LONG. = 102°13'57.53" W	LAT. = 32.3919677° N LONG. = 102.2326463° W

PLOT DATE: 01-18-23 2:58 PM

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