

OPERATOR: PDEH LLC

AS-DRILLED LOCATION

LEASE NAME & WELL NO.:

UL 20 SPINNER A 1503H

API #: 4249533705

PSA ACREAGE:

1,441.575 ACRES (CALLED)

NEAREST TOWN IN COUNTY:

±9.5 MILES SOUTHWEST OF WINK, TEXAS

DESCRIPTION:

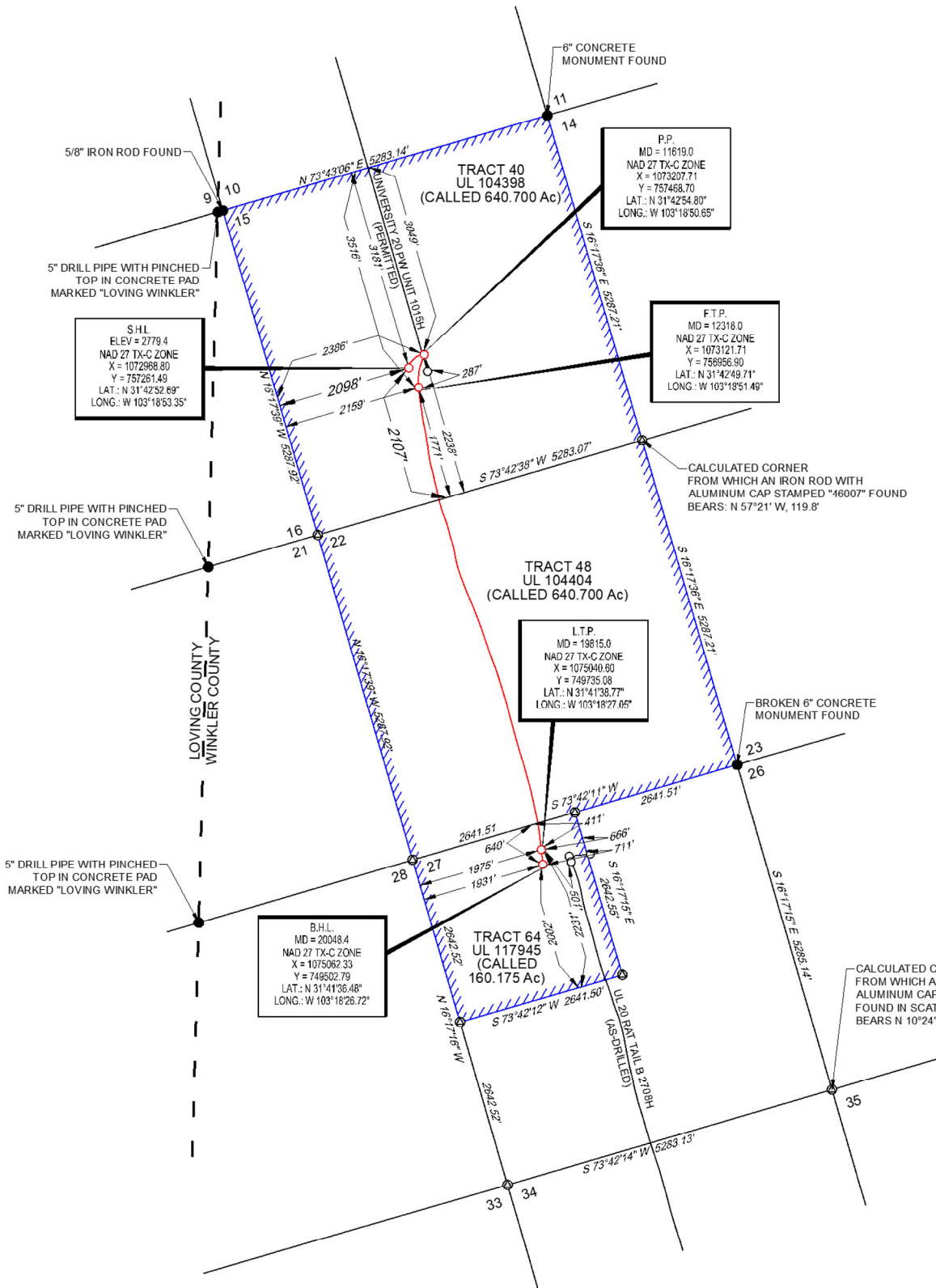
S.H.L./P.P./F.T.P.: SECTION 15, BLOCK 20, UNIVERSITY LAND SURVEY

L.T.P./B.H.L.: SECTION 27, BLOCK 20, UNIVERSITY LAND SURVEY

WINKLER COUNTY, TEXAS

SCALE: 1" = 2000'

0' 1000' 2000'



TIES TABLE

POINT	PSA	SURVEY/SECTION
S.H.L.	3181' FNWL 2098' FSWL	2098' FSWL & 2107' FSEL
P.P.	3049' FNWL 2386' FSWL	2386' FSWL & 2238' FSEL
F.T.P.	3516' FNWL 2159' FSWL	2159' FSWL & 1771' FSEL
L.T.P.	666' FNEL 2231' FSEL	411' FNWL & 1975' FSWL
B.H.L.	711' FNEL 2002' FSEL	640' FNWL & 1931' FSWL

PRODUCTIVE LATERAL

LENGTH (F.T.P. TO L.T.P.)	
1	1,783.29'
2	5,297.52'
2	416.19'
TOTAL	7,497.00'

LEGEND:

- PSA Boundary
- Approximate County Line
- Survey/Section Line
- As-Drilled Well Path
- Existing/Permitted Well Path
- Monument Found
- Calculated Corner
- Well Point



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Jeffrey N. Lueders, R.P.L.S. No. 6512

UL 20 SPINNER A 1503H AS-DRILLED	REVISION:	
	A.C.L.	07/19/2022
	O.M.	04/20/2023
	O.M.	05/01/2023
DATE:	11/18/2016	
FILE:	AD_UL_20_SPINNER A 1503H_REV3_PDEH	
DRAWN BY:	MML	
SHEET:	1 OF 1	

- NOTES:
1. ORIGINAL DOCUMENT SIZE: 11" X 17"
 2. ALL BEARINGS, DISTANCES, AND COORDINATE VALUES CONTAINED HEREIN ARE GRID BASED UPON THE TEXAS STATE PLANE COORDINATE SYSTEM, CENTRAL ZONE, U.S. SURVEY FEET, NORTH AMERICAN DATUM 1927, UNLESS OTHERWISE NOTED.
 3. THIS LOCATION AND/OR UNIT/LEASE BOUNDARY HAS BEEN CAREFULLY SURVEYED ON THE GROUND UNDER MY SUPERVISION AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE ACCORDING TO THE EVIDENCE, OFFICIAL SURVEY RECORDS, MAPS, AND OTHER DATA PROVIDED BY PERMIAN DELAWARE ENTERPRISES HOLDINGS, LLC. THIS PLAT WAS CREATED FOR THE SOLE PURPOSE OF FILING A PERMIT WITH THE RAILROAD COMMISSION OF TEXAS AND SHOULD NOT BE CONSTRUED AS A "BOUNDARY SURVEY" IN COMPLIANCE WITH T.B.P.L.S. MINIMUM STANDARDS OF PROCEDURES FOR BOUNDARY SURVEYS. THIS CERTIFICATION IS MADE AND LIMITED TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS PLAT AND IS NON-TRANSFERABLE. THIS SURVEY IS CERTIFIED FOR THIS TRANSACTION ONLY.
 4. ALL ELEVATION VALUES CONTAINED HEREON ARE ORTHOMETRIC ONLY, BASED UPON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88), U.S. SURVEY FEET.
 5. ALL MINERAL OWNERSHIP DATA SHOWN HEREIN IS BASED ON INFORMATION PROVIDED BY PERMIAN DELAWARE ENTERPRISES HOLDINGS, LLC OR ITS SUBSIDIARIES & AFFILIATES.

- NOTES CONT'D:
6. THE AS-DRILLED SURFACE LOCATION HAS BEEN CAREFULLY SURVEYED ON THE GROUND DURING THE DATE OF APRIL 2, 2016.
 7. THE SUBSURFACE WELL PATH DATA SHOWN HEREIN IS BASED ON INFORMATION PROVIDED BY PERMIAN DELAWARE ENTERPRISES HOLDINGS, LLC OR ITS SUBSIDIARIES & AFFILIATES.
 8. S.H.L. = SURFACE HOLE LOCATION
 9. P.P. = POINT OF PENETRATION
 10. F.T.P. = FIRST TAKE POINT
 11. L.T.P. = LAST TAKE POINT
 12. B.H.L. = BOTTOM HOLE LOCATION