

OPERATOR: PDEH LLC

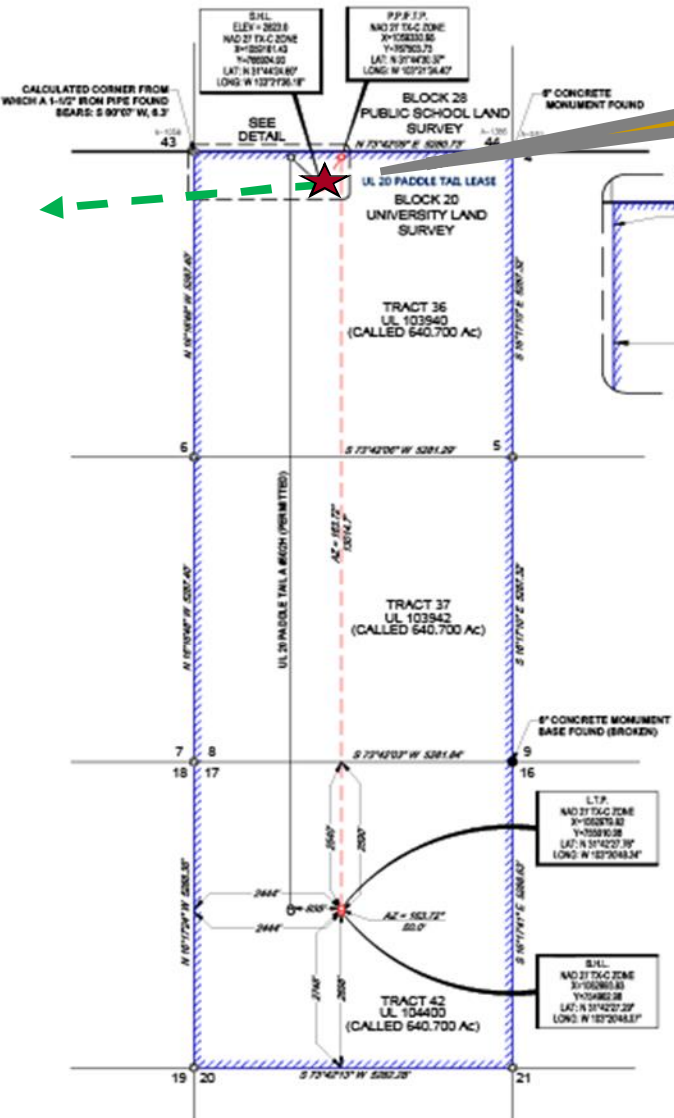
WELL LOCATION

LEASE NAME & WELL NO.:
UL 20 PADDLE TAIL B #503H

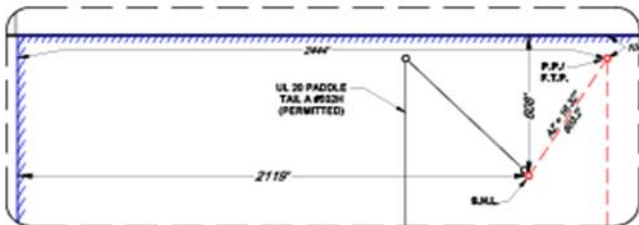
PSA ACREAGE:
1,922.10 ACRES (CALLED)

NEAREST TOWN IN COUNTY:
±14.2 MILES NORTHEAST OF MENTONE, TEXAS

DESCRIPTION:
S.H.L./P.P./F.T.P.: SECTION 5, BLOCK 20, UNIVERSITY LAND SURVEY
L.T./B.H.L.: SECTION 17, BLOCK 20, UNIVERSITY LAND SURVEY
LOVING COUNTY, TEXAS



VES Bottom Hole Location is
2.42' @ 249.53° of Surface
Location



PRODUCTIVE LATERAL

LENGTH (F.T.P. TO L.T.P.)	
1	5.187'
2	5.287'
3	2.540'
TOTAL	13.014'

TIES TABLE

POINT	PSA	SURVEY/SECTION
S.H.L.	809' FSWL	809' FSWL & 2119' FSWL
P.P./F.T.P.	2119' FSWL	2119' FSWL & 100' FSWL
L.T.P.	100' FSWL	100' FSWL & 2444' FSWL
S.H.L.	2444' FSWL	2444' FSWL & 2540' FSWL
	2540' FSWL	2540' FSWL & 2444' FSWL

LEGEND:

- PSA Boundary
- Block/Township Line
- Section Line
- Proposed Well Path
- Existing/Permitted Well Path
- Monument Found
- Calculated Corner
- Well Point



John R. Anderson 7/26/2022
John R. Anderson, R.P.L.S. No. 6442



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TEAS PSN REGISTRATION NO. 13042004
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UL-20-S-P2 UL 20 PADDLE TAIL B #503H	REVISION:		NOTES:
	INT	DATE	
DATE: 07/23/2022			1. ORIGINAL DOCUMENT SIZE: 11"X 17" 2. ALL BEARINGS, DISTANCES, AND COORDINATE VALUES CONTAINED HEREIN ARE BASED UPON THE TEXAS STATE PLANE COORDINATE SYSTEM, CENTRAL ZONE, U.S. SURVEY FEET, NORTH AMERICAN DATUM 1983, UNLESS OTHERWISE NOTED. 3. THIS LOCATION AND/OR UNPLANNED BOUNDARY AND 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 PERMANENT SURVEYING HOLDINGS, LLC. THIS PLAN 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.R.P.L.S. MINIMUM STANDARDS OF PRACTICES FOR BOUNDARY SURVEYS. THIS CERTIFICATION IS MADE AND LIMITED TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS PLAN AND IS NON-TRANSFERABLE. THIS SURVEY IS CERTIFIED FOR THIS TRANSACTION ONLY. 4. ALL ELEVATION VALUES CONTAINED HEREIN 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 PERMANENT SURVEYING HOLDINGS, LLC OR ITS SUBSIDIARIES & AFFILIATES.
FILE: UL-20-S-P2 PADDLE TAIL B #503H			
DRAWN BY: A.C.L.			NOTES CONT'D: 6. THE PRELIMINARY LOCATION HAS BEEN CAREFULLY SURVEYED ON THE GROUND DURING THE DATE OF JULY 2, 2022. 7. S.H.L. = SURFACE HOLE LOCATION 8. P.P. = POINT OF PENETRATION 9. F.T.P. = FIRST TIE POINT 10. L.T.P. = LAST TIE POINT 11. S.H.L. = BOTTOM HOLE LOCATION
SHEET: 1 OF 1			

VES Bottom Hole
Location is

2.42' @ 249.53°

of Surface
Location

MD / FT

1167'

1166.95'

TVD / FT

North / FT

South / FT



East / FT

West / FT

0.85'

2.27'