

LEGEND

--- = APPROX. SURVEY LINE

//// = LEASE/UNIT LINE

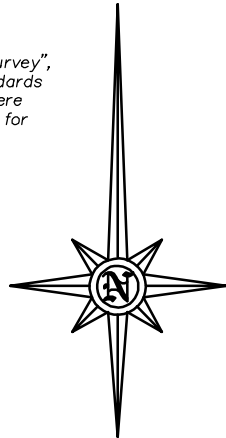
2000 0 2000 4000 6000

GRAPHIC SCALE - FEET

BEARINGS AND COORDINATES REFER TO THE TEXAS COORDINATE SYSTEM OF 1927, SOUTH CENTRAL ZONE (4204), AS OBTAINED BY GPS OBSERVATIONS.

NOTE: This plat does not, in any way represent a "Boundary Survey", and does not comply with the current T.B.P.L.S. Minimum Standards of Procedures for Boundary Surveys. Acreages shown herein were furnished by others. The information contained on this plat is for permitting purposes with the Texas Railroad Commission and is intended for the sole use of INEOS USA OIL & GAS LLC.

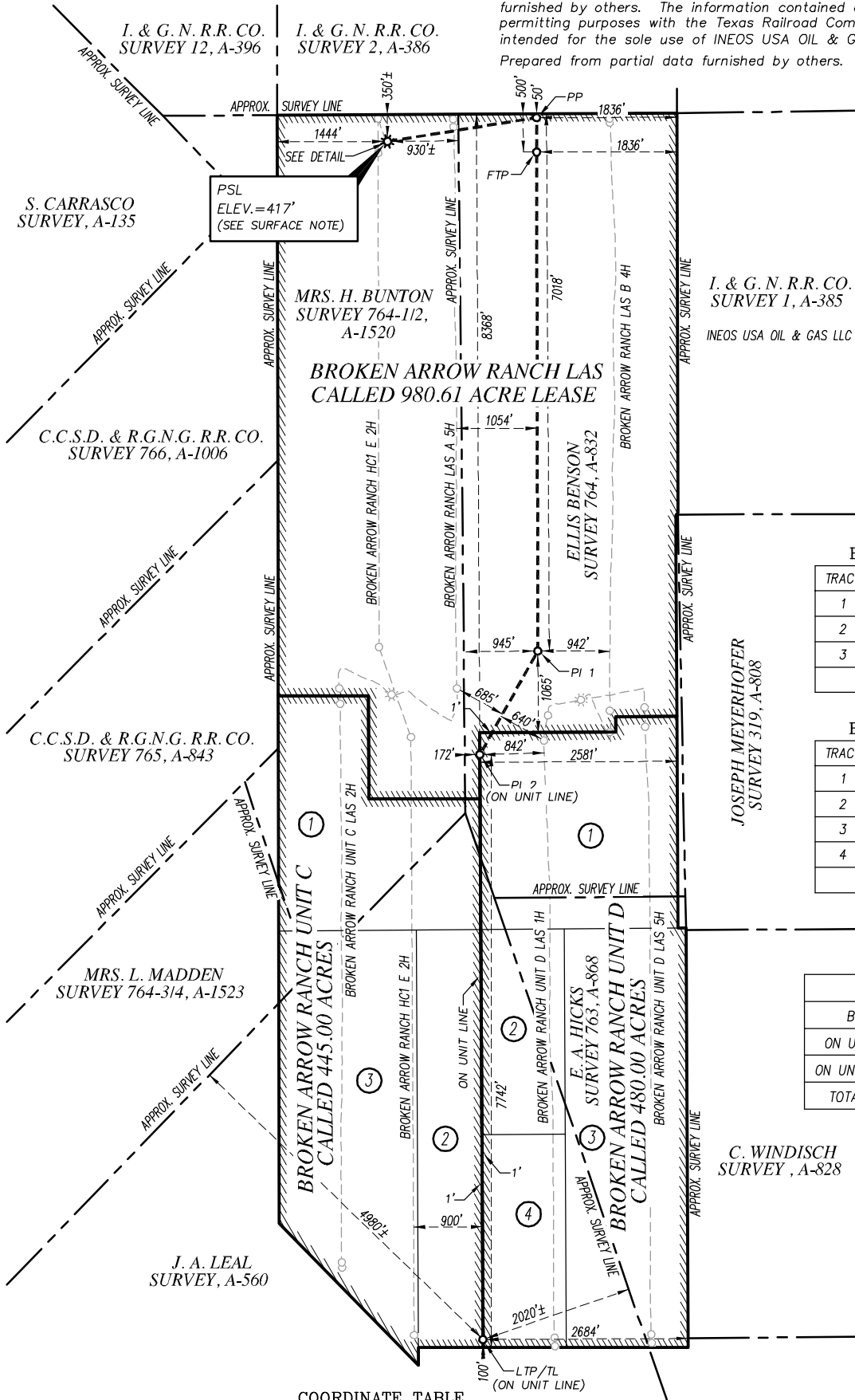
Prepared from partial data furnished by others.



DETAIL - NTS

25' 2H 3H

BROKEN ARROW RANCH E PAD



BROKEN ARROW RANCH UNIT C		
TRACT	OWNER	CALLED ACREAGE
1	ROBERT G. SCHROEDER	140.88
2	KATIE JANSING	105.57
3	HERBERT FIEDLER, JR.	198.55
TOTAL		445.00

BROKEN ARROW RANCH UNIT D		
TRACT	OWNER	CALLED ACREAGE
1	ROBERT G. SCHROEDER	155.83
2	KATIE JANSING	66.94
3	JERRY L. HOUSE, ET AL	187.91
4	CYNTHIA A. CHAN	69.32
TOTAL		480.00

LATERAL LENGTH PER UNIT	
BROKEN ARROW RANCH LAS	7,742.87'
BROKEN ARROW RANCH UNIT D	327.70'
ON UNIT LINE BETWEEN LAS & UNIT D	575.77'
ON UNIT LINE BETWEEN UNIT C & UNIT D	7,066.76'
TOTAL LENGTH FROM FTP TO LTP/TL	15,713.10'

DRILL DATA		
PSL TO PP	N80°56'21"E	1973.49'
PP TO FTP	S00°08'12"E	450.00'
FTP TO PI 1	S00°08'12"E	6518.31'
PI 1 TO PI 2	S29°16'12"W	1552.26'
PI 2 TO LTP/TL	S00°18'46"E	7642.53'

COORDINATE TABLE									
NAD 27	LATITUDE	LONGITUDE	X	Y	NAD 83	LATITUDE	LONGITUDE	N	E
PP	28.361552°N	99.087210°W	1,971,950.5	192,074.4		28.361825°N	99.087516°W	13,315,514.5	1,940,352.6
FTP	28.360315°N	99.087205°W	1,971,951.6	191,624.5		28.360588°N	99.087511°W	13,315,064.5	1,940,353.7
PI 1	28.342388°N	99.087142°W	1,971,967.1	185,106.5		28.342662°N	99.087448°W	13,308,546.6	1,940,369.3
PI 2	28.338662°N	99.089498°W	1,971,208.2	183,752.5		28.338936°N	99.089804°W	13,307,192.6	1,939,610.4
LTP/TL	28.317644°N	99.089350°W	1,971,249.9	176,110.4		28.317919°N	99.089656°W	13,299,550.6	1,939,652.1

SURFACE NOTE	
NAD 27	NAD 83
LAT: 28.360694°N	LAT: 28.360966°N
LONG: 99.093268°W	LONG: 99.093574°W
X: 1,970,001.7	N: 13,315,203.7
Y: 191,763.7	E: 1,938,403.8

PP= PENETRATION POINT  
FTP= FIRST TAKE POINT  
PI= POINT OF INTERSECTION  
LTP/TL= LAST TAKE POINT/TERMINUS LOCATION

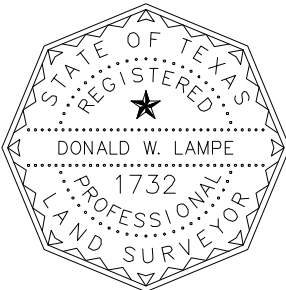
Title & As Drilled data furnished by others.

Prepared from a partial on the ground survey, deeds and other instruments furnished by others.

I, Donald W. Lampe, Registered Professional Land Surveyor No. 1732 of the State of Texas, do hereby certify this plat shows the surface location of the subject well as staked on the ground under my direction.

Dated this the 30th day of October, 2023.  
Revised: December 18, 2023  
Revised: January 4, 2024

Donald W. Lampe  
R.P.L.S. No. 1732  
Lampe Surveying, Inc



INEOS USA OIL & GAS LLC  
BROKEN ARROW RANCH HC2 E 3H

PN: 639588

LA SALLE COUNTY, TEXAS  
Surface location is approximately  
10.1 miles southeast of  
Cotulla, La Salle County, Texas.

LAMPE SURVEYING, INC  
PROFESSIONAL LAND SURVEYORS

1408 WEST MAIN STREET  
P. O. BOX 2037  
BRENHAM, TEXAS 77834  
PHONE (979) 836-6677  
TEXAS LICENSED SURVEYING FIRM NO. 10040700  
WO# 2631 RRC62-3.DWG 2631CHK.CGC