



RAILROAD COMMISSION OF TEXAS

Form W-2

1701 N. Congress  
P.O. Box 12967  
Austin, Texas 78701-2967

Status: Approved  
Date: 05/04/2023  
Tracking No.: 290573

OIL WELL POTENTIAL TEST, COMPLETION OR RECOMPLETION REPORT,

OPERATOR INFORMATION			
Operator	PDEH LLC	Operator	646827
Operator	600 W ILLINOIS AVE MIDLAND, TX 79701-		

WELL INFORMATION			
API	42-301-32937	County:	LOVING
Well No.:	2003H	RRC District	08
Lease	UL 20 N GOLD SPOON A	Field	PHANTOM (WOLFCAMP)
RRC Lease	57950	Field No.:	71052900
Location	Section: 29, Block: 20, Survey: UL, Abstract: U43		
Latitude	31	Longitud	-103
This well is 15.6 miles in a SE direction from MENTONE, which is the nearest town in the			

FILING INFORMATION			
Purpose of	Well Record Only		
Type of	Other/Recompletion		
Well Type:	Producing	Completion or Recompletion	03/09/2018
Type of Permit	Date	Permit No.	
Permit to Drill, Plug Back, or Rule 37 Exception	04/13/2023	889338	
Fluid Injection			
O&G Waste Disposal			
Other:			

COMPLETION INFORMATION			
Spud	07/29/2016	Date of first production after rig	03/09/2018
Date plug back, deepening, drilling operation	07/29/2016	Date plug back, deepening, recompletion, drilling operation	12/29/2017
Number of producing wells on this lease this field (reservoir) including this	3	Distance to nearest well in lease & reservoir	539.0
Total number of acres in	1922.10	Elevation	2780 GL
Total depth TVD	11962	Total depth MD	20000
Plug back depth TVD		Plug back depth MD	
Was directional survey made other inclination (Form W-	Yes	Rotation time within surface casing Is Cementing Affidavit (Form W-15)	65.0 No
Recompletion or	Yes	Multiple	No
Type(s) of electric or other log(s)	Gamma Ray (MWD)		
Electric Log Other Description:			
Location of well, relative to nearest lease of lease on which this well is	1652.0 Feet from the	Off Lease :	No
	4949.0 Feet from the	NE Line and	
		SE Line of the	
		UL 20 N GOLD SPOON A Lease.	

FORMER FIELD (WITH RESERVOIR) & GAS ID OR OIL LEASE NO.			
Field & Reservoir	Gas ID or Oil Lease	Well No.	Prior Service Type
PACKET:	N/A		

W2:	N/A		
FOR NEW DRILL OR RE-ENTRY, SURFACE CASING DEPTH DETERMINED BY:			
GAU Groundwater Protection Determination	Depth	1100.0	Date 09/06/2022
SWR 13 Exception	Depth	5038.0	

INITIAL POTENTIAL TEST DATA FOR NEW COMPLETION OR RECOMPLETION			
Date of		Production	
Number of hours	24	Choke	
Was swab used during this	No	Oil produced prior to	
PRODUCTION DURING TEST PERIOD:			
Oil		Gas	
Gas - Oil	0	Flowing Tubing	
Water			
CALCULATED 24-HOUR RATE			
Oil		Gas	
Oil Gravity - API - 60.:		Casing	
Water			

CASING RECORD											
Ro	Type of Casing	Casing	Hole	Setting	Multi -	Multi -	Cement	Cement	Slurry	Top of	TOC
		Size (in.)	Size	Depth	Stage Tool	Stage Shoe	Class	Amoun	Volume (cu.	Cement (ft.)	Determined By
1	Surface	9 5/8	12 1/4	5000	1267		C	3190	5695.0	0	Circulated to Surface
2	Intermediate	7	8 3/4	12112			C, H	800	1660.0	4000	Calculation

LINER RECORD									
<u>Ro</u>	<u>Liner Size</u>	<u>Hole Size</u>	<u>Liner Top</u>	<u>Liner Bottom</u>	<u>Cement Class</u>	<u>Cement Amoun</u>	<u>Slurry Volume (cu.)</u>	<u>Top of Cement (ft.)</u>	<u>TOC Determined</u>
1	4 1/2	6 1/8	11271	20000	H	800	960.0	11271	Calculation
2	4 1/2	6 1/8	11122	19950	H	849	1023.0	11122	Calculation

TUBING RECORD			
<u>Ro</u>	<u>Size (in.)</u>	<u>Depth Size (ft.)</u>	<u>Packer Depth (ft.)/Type</u>
1	2 7/8	11088	11057 / VERASET

PRODUCING/INJECTION/DISPOSAL INTERVAL			
<u>Ro</u>	<u>Open hole?</u>	<u>From (ft.)</u>	<u>To (ft.)</u>
1	No	L1 11812	19508.0

ACID, FRACTURE, CEMENT SQUEEZE, CAST IRON BRIDGE PLUG, RETAINER, ETC.			
Was hydraulic fracturing treatment	Yes		
Is well equipped with a downhole sleeve?	No	If yes, actuation pressure	
Production casing test pressure (PSIG)		Actual maximum pressure (PSIG) during	
hydraulic fracturing	9500	fracturin	9434
Has the hydraulic fracturing fluid disclosure been	Yes		
<u>Ro</u>	<u>Type of Operation</u>	<u>Amount and Kind of Material Used</u>	<u>Depth Interval (ft.)</u>

FORMATION RECORD					
Formations	Encountere	Depth TVD	Depth MD	Is formation	Remarks
RED BLUFF	No			No	FORMATION NOT GEOLOGICALLY PRESENT FORMATION NOT GEOLOGICALLY PRESENT FORMATION NOT GEOLOGICALLY PRESENT
BELL CANYON	No			No	
BRUSHY CANYON	No			No	
DELAWARE	Yes	5101.0	5158.4	Yes	
BELL CANYON	Yes	5133.0	5190.3	Yes	
CHERRY CANYON	Yes	6081.0	6139.6	Yes	
BRUSHY CANYON	Yes	7363.0	7423.3	Yes	
BONE SPRINGS	Yes	8737.0	8797.8	Yes	
WOLFCAMP	Yes	11658.0	11754.2	Yes	
PENNSYLVANIAN	No			No	BELOW TVD
STRAWN	No			No	BELOW TVD
ATOKA - HIGH PRESSURE	No			No	BELOW TVD
MORROW	No			No	BELOW TVD
DEVONIAN	No			No	BELOW TVD
FUSSELMAN	No			No	BELOW TVD
ELLENBURGER	No			No	BELOW TVD
DELAWARE	No			No	FORMATION NOT GEOLOGICALLY PRESENT
Do the producing interval of this well produce H2S with a concentration in excess of 100 ppm					No
Is the completion being downhole commingled			No		

REMARKS

CHANGING FROM POOLED UNIT TO PSA WELL. P6 HAS BEEN APPROVED FOR ALL UNIVERSITY WELLS IN BLOCK 20.

RRC REMARKS	
<b>PUBLIC COMMENTS:</b> [RRC Staff 2023-04-17 09:50:19.726] EDL=7650 feet, max acres=704, PHANTOM (WOLFCAMP) oil or gas well; take points: 11812-19508 feet	
<b>CASING RECORD :</b>	
<b>TUBING RECORD:</b>	
<b>PRODUCING/INJECTION/DISPOSAL INTERVAL :</b>	
<b>ACID, FRACTURE, CEMENT SQUEEZE, CAST IRON BRIDGE PLUG, RETAINER, ETC. :</b>	
<b>POTENTIAL TEST DATA:</b>	

OPERATOR'S CERTIFICATION			
Printed	Martha Finley	Title:	Regulatory Coordinator
Telephone	(432) 688-6036	Date	04/17/2023



DAVID PORTER, CHAIRMAN  
CHRISTI CRADDICK, COMMISSIONER  
RYAN SITTON, COMMISSIONER



LORI WROTENBERY  
DIRECTOR, OIL AND GAS DIVISION  
D. CRAIG PEARSON  
DISTRICT DIRECTOR

## RAILROAD COMMISSION OF TEXAS OIL AND GAS DIVISION

**OPERATOR Name:** SHELL WESTERN E&P

**RE: Lease:** UNIVERSITY 20 A

**Address1:** PO BOX 576

**Address2:**

**City:** HOUSTON

**State:** TX

**Well No:** 2003H

**Sec:** 29 **Block:** 20

**County:** LOVING

**Survey Name:** UNIVERSITY LAND

**SWR13EX Application Number:** 9079

**Drilling Permit No:** 816306

### SWR 13 CASING EXCEPTION APPLICATION/ALTERNATIVE REQUEST APPROVED

The Proposed Casing and Cementing Program submitted for the **LEASE NAME:** UNIVERSITY 20 A ;  
**WELL NUMBER:** 2003H has been approved by the Railroad Commission of Texas District Office.

- a. A copy of this approved letter must be kept on location during all phases of drilling and/or plugging operations. Once approved, changes CANNOT be made to the Proposed Casing Program on the original application without additional approval from the Railroad Commission of Texas District Office.
- b. Any substantive modifications to the cement program require prior approval from the Railroad Commission of Texas District Office, and may require re-submission of the SWR 13 (Statewide Rule 13) Alternate Surface Casing Application. Contact the Railroad Commission of Texas District Office for more information.
- c. The tail slurry must be sufficient to fill the Zone of Critical Cement as described in Statewide Rule 13(b)(1)(H)(i). In addition, all cement slurries must be mixed on location as described in Application for Alternate Surface Casing Program.
- d. The casing and cement program shall adhere to the following specifications:

Set 5038 feet of surface casing and circulate cement from the shoe to the ground surface.

**Contingency Plan:**

Set 5038 feet of surface casing with a multistage tool set at a depth of not less than 1250 feet. Circulate cement from the multistage tool to the ground surface. If cement does not circulate to surface during the first stage, the multistage tool MUST be opened and neat cement be circulated from the tool to the surface.

Please notify the Midland District Office immediately if any gas, H<sub>2</sub>S or otherwise, is encountered before surface casing is set.

IF CEMENT IS NOT CIRCULATED TO THE GROUND SURFACE AS REQUIRED BY THIS EXCEPTION, YOU MUST CONTACT THE RAILROAD COMMISSION OF TEXAS DISTRICT OFFICE IMMEDIATELY AND FOLLOW THE PROCEDURES SET OUT IN RULE 13(b)(1)(H)(iii) OR AS REQUIRED BY THE RAILROAD COMMISSION OF TEXAS DISTRICT OFFICE.

You must comply with all other provisions of SWR 13 (Statewide Rule 13) and a representative of the cementing company who performs the cementing job for the protection of usable quality water strata must sign the Form W-15 attesting to the information regarding cementing operations performed; including circulation of cement. (Note: If surface casing is set below the approved depth, this can result in denial of future Statewide Rule 13(b)(1)(H)(i) requests.) A condition of the approved drilling permit requires notification to the Railroad Commission of Texas District Office eight (8) hours prior to the time casing is to be set/cemented in the well. If your exception request was submitted after the subject well has been drilled and completed, the operator may be referred for enforcement action.

This authorization shall expire within five (5) years from the date the Groundwater Protection Determination was issued, or at the expiration of the drilling permit (if the well is not spudded prior to expiration) for the referenced well, whichever occurs first. Furthermore, this authorization supersedes any prior authorizations issued for the referenced well.

This exception is based on information provided when the application was submitted on 07/11/2016 .  
If any information has changed, you must contact the appropriate Railroad Commission of Texas District Office, and submit a new application if applicable. If you have questions, please contact the appropriate Oil and Gas District office.

RRC APPROVAL BY: Jeffery Morgan

DATE: 07/19/2016

D. CRAIG PEARSON

DISTRICT DIRECTOR



CERTIFICATE OF COMPLIANCE  
AND TRANSPORTATION AUTHORITY

Form P-4

06/21

REFER TO INSTRUCTIONS

1. Field name exactly as shown on proration schedule Phantom (Wolfcamp)	2. Lease name as shown on proration schedule UL 20 N Gold Spoon A			
3. Current operator name exactly as shown on P-5 Organization Report PDEH LLC	4. Operator P-5 no. 646827	5. Oil Lse/Gas ID no. 57950	6. County Loving	7. RRC District 08
8. Operator address including city, state, and zip code 600 W. Illinois Midland, TX 79701	9. Well no(s) (see instruction E) 2003H			
10. Classification <input checked="" type="checkbox"/> Oil <input type="checkbox"/> Gas <input type="checkbox"/> Other (see instruction A)			11. Effective Date 08/01/22	

12. Purpose of Filing. (See instructions B and G)

a. Change of: ☐ operator ☐ oil or condensate gatherer ☐ gas gatherer ☐ gas purchaser ☐ gas purchaser system code  
☐ field name from: \_\_\_\_\_ Docket #: \_\_\_\_\_  
☒ lease name from: UNIVERSITY 20 PW UNIT 2003ST

b. New RRC Number for: ☒ oil lease ☐ gas well ☐ other well (specify) \_\_\_\_\_ Due to: ☐ new completion or recompletion ☐ reclass oil to gas ☐ reclass gas to oil  
☐ consolidation ☐ unitization ☒ subdivision (oil lease only)  
☐ field transfer

13. Authorized GAS WELL GAS or CASINGHEAD GAS Gatherer(s) and/or Purchaser(s). (See instruction G).					
Gatherer	Purchaser	Name of GAS WELL GAS or CASINGHEAD GAS Gatherer(s) or Purchaser(s) As Indicated in Columns to the Left (Attach an additional sheet in same format if more space is needed)	Purchaser's RRC Assigned System Code	Percent of Take	Full-well Stream
X	X	Brazos Midstream Operating (089903)	0001	100	

14. Authorized OIL or CONDENSATE Gatherer(s). (See instruction G).		RRC USE ONLY	
Name of OIL or CONDENSATE Gatherer(s) - List Highest Volume Gatherer First (Attach an additional sheet in same format if more space is needed)	Percent of Take	Reviewer's initials:	Approval date:
Plains Marketing L.P. (667883)	100		

15. PREVIOUS OPERATOR CERTIFICATION FOR CHANGE OF OPERATOR P-4 FILING. Being the PREVIOUS OPERATOR, I certify that operating responsibility for the well(s) designated in this filing, located on the subject lease has been transferred in its entirety to the above named Current Operator. I understand, as Previous Operator, that designation of the above named operator as Current Operator is not effective until this certificate is approved by the Commission.

Name of Previous Operator	Signature
Name (print)	<input type="checkbox"/> Authorized Employee of previous operator <input type="checkbox"/> Authorized agent of previous operator (see instruction G)
Title	Date Phone with area code

16. CURRENT OPERATOR CERTIFICATION. By signing this certificate as the Current Operator, I certify that all statements on this form are true and correct and I acknowledge responsibility for the regulatory compliance of the subject lease including plugging of well(s) pursuant to Rule 14. I further acknowledge that I assume responsibility for the physical operation, control, and proper plugging of each well designated in this filing. I also acknowledge that I will remain designated as the Current Operator until a new certificate designating a new Current Operator is approved by the Commission.

Chasity Jackson	Chasity Jackson
Name (print)	Signature
Sr. Regulatory Coordinator	<input checked="" type="checkbox"/> Authorized Employee of current operator <input type="checkbox"/> Authorized agent of current operator (see instruction G)
Title	Date Phone with area code
Chasity.Jackson@conocophillips.com	7/20/2022 432-686-3087
E-mail Address (optional)	



**REQUEST FOR PERMISSION TO SUBDIVIDE OR  
CONSOLIDATE OIL LEASE(S)**

*READ INSTRUCTIONS ON BACK*

**P-6**

5/02  
WWW-1

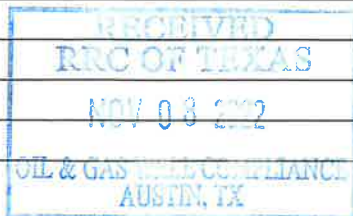
1. Receiving Operator name, exactly as shown on P-5 Organization Report	2. Operator P-5 no.	3. RRC district no.	5. Purpose of Filing: <div style="display: flex; justify-content: space-between; align-items: center;"><div style="border: 1px solid black; width: 20px; height: 15px; margin-bottom: 5px;"></div>Consolidation <div style="border: 1px solid black; width: 20px; height: 15px; margin-bottom: 5px;"></div>Subdivision</div>	
4. County		6. Operator address including city, state, and zip code		
7. Field name exactly as shown on proration schedule		8. Are any of the leases being subdivided or consolidated currently overproduced or in violation of statewide rules? (check one) <input type="checkbox"/> No <input type="checkbox"/> Yes		
<b>9. Lease to be subdivided or leases to be consolidated. List lease names and well numbers exactly as listed on current Commission Oil Proration Schedule.</b>				
LEASE NAME	LEASE NUMBER	LEASE ACRES	WELL NUMBERS (e.g.: 1, 2, 3-U, 3-L, 4, etc.)	
(1)				
(2)				
(3)				
<b>10. Lease(s) resulting from subdivision or after consolidation (how the leases/wells are to be listed on the Commission Oil Proration Schedule). For well number changes, give both old and new number; if there is no well number change, show the number under "old".</b>				
LEASE NAME	LEASE NUMBER	LEASE ACRES	WELL NUMBERS	API NUMBER 42-
			Old      New	
(1)				
(2)				
(3)				
11. Is the ownership, working interest, and the royalty interest for all leases listed in Items 9 or 10 identical? (check one) <input type="checkbox"/> No <input type="checkbox"/> Yes (See instruction D )				
12. Is the acreage listed for the resulting leases in Item 10 contiguous? (Check one) <input type="checkbox"/> No <input type="checkbox"/> Yes (See instruction F)				<b>RRC USE ONLY</b>  Reviewer's initials: _____  Approval date: _____
<b>OPERATOR CERTIFICATION:</b> I certify that I am authorized to make this request, that it was prepared by me or under my supervision and direction, and that the data and facts stated herein are true, correct, and complete to the best of my knowledge.				
_____ Signature	_____ Date			
_____ Name (print or type)	_____ Title			
_____ Phone number (with area code)	_____ E-mail address (optional)			

**REQUEST FOR PERMISSION TO SUBDIVIDE OR  
CONSOLIDATE OIL LEASE(S)**

**P-6**

5/02

10. Lease(s) resulting from subdivision or after consolidation (how the leases/wells are to be listed on the Commission Oil Proration Schedule). For well number changes, give both old and new number; if there is no well number change, show the number under "old".					
LEASE NAME	LEASE NUMBER	LEASE ACRES	WELL NUMBERS		API NUMBER 42-
			Old	New	
(1) * Indicates PSA well after P-6/W-2 approval..					
UL 20 N Twitch	57934	640.7	0403H		301-32740
UL 20 N Paddle Tail	57935	640.7	0503H		301-31794
UL 20 S Bucktail	57938	640.7	1001H		495-33544
*UL Popper A	57940	300	1002H		495-33891
*UL 20 Popper B	57941	300	1003H		495-33892
*UL 20 Bucktail A1	57942	80	1005H		495-33889
*UL 20 Bucktail A	57943	320	1007H		495-33890
*UL 20 Bucktail C	57944	320	1009H		495-34399
*UL 20 Bucktail D	57945	260.7	1010H		495-34404
*UL Spinner A	57946	200.875	1503H		495-33705
UL 20 SW Topwater	57947	320.35	1803H		301-32609
UL 20 N Gold Spoon	57949	640.7	2002H		301-31788
*UL 20 N Gold Spoon A	57950	640.7	2003ST	2003H	301-32937
*UL 20 N Gold Spoon B	57954	640.7	2004H		301-32938
*UL 20 S Chatter A	57955	319	2701H		495-34175
*UL 20 S Chatter C	57956	319	2703H		495-34174
*UL 20 N Chatter A	57957	309	2704H		495-34170
*UL 20 N Chatter C	57958	314.7	2706H		495-34169
*UL 20 Rat Tail B	57959	200.225	2708H		495-34454
*UL 20 Silver Spoon A	57960	160	3902H		495-34004
*UL 20 Silver Spoon B	57961	160	3903H		495-33993
*UL 20 Silver Spoon C	57962	160	3904H		495-34006
*UL 20 Silver Spoon D	57963	160	3905H		495-33994
*UL 20 Silver Spoon E	57964	160	3906H		495-34449
*UL 20 Silver Spoon G	57965	140	3908H		495-34448
*UL 20 Silver Spoon H	57966	80	3909H		495-34550
*UL 20 Silver Spoon J	57967	60	3910H		495-34551
*UL 20 Silver Spoon I	57968	161.4	3911H		495-34571



## Form P-16

Page 1

## Acreage Designation

SECTION I. OPERATOR INFORMATION			
Operator Name:	PDEH LLC	Operator P-5 No.:	646827
Operator Address:	600 W Illinois, Midland, TX 79701		

SECTION II. WELL INFORMATION					
District No.:	08	API No.:	42-301-32937	Purpose of Filing: <input type="checkbox"/> Form W-1 <input checked="" type="checkbox"/> Form G-1/W-2	
Well No.:	2003H	Drilling Permit No.:	889338		
Lease Name:	UL 20 N Gold Spoon A	RRC ID or Lease No.:	57950		
Total Lease Acres:	1922.100	Field Name:	Phantom (Wolfcamp)		
Proration Acres:	235.100	Field No.:	71052900	Ownership Interval:	
Wellbore Profile:	PSA Well	Is this a UFT field?:	Yes		
SL Record (Parent) Well Drilling Permit No.:		County:	Loving	Upper:	
				Lower:	

SECTION III. LISTING OF ALL WELLS IN THE REGULATORY FIELD ON THE SAME ACREAGE AS THE LEASE, POOLED UNIT, OR UNITIZED TRACT DESIGNATED IN SECTION II ABOVE BY FILER							
RRC ID No. or Lease No.	Well No.	Profile	Lease Name	API No.	Acres Assigned	SWR 38 Except. (Y/N)	Operator Name and Operator No. (if different from filing operator)
A. Total Assigned Horiz. Acreage =			C. Total Assigned Acreage =				
Total Remaining Horiz. Acreage =			Total Remaining Acreage =				
B. Total Assigned Vert./Dir. Acreage =							
Total Remaining Vert./Dir. Acreage =							

SECTION IV. REMARKS - REQUIRED FOR PSA AND CO-DEVELOPMENT <i>(refer to instructions)</i>	
Change from Pooled Unit to PSA well. P6 has been approved for all University wells in Block 20. Changing well name to UL 20 N Gold Spoon A #2003H. PDEH has 100% of the Mineral Interest and Working Interest in each tract.	

**CERTIFICATION:** I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that this report was prepared by me or under my supervision or direction, that I am authorized to make this report, and that the information contained in this report is true, correct, and complete to the best of my knowledge.

600 W Illinois	Midland	TX	79704	432-688-6036			04/17/23		
Address	City,	State,	Zip Code	Tel:	Area Code	Number	Date:	mo.	day yr.

## Form P-16

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Rev. 06/2022

Filer is the owner or lessee of all or an undivided portion of the minerals under each tract listed below and has the legal right to drill on each tract traversed by the well that will have perforations or other take points open in the interval of the applied-for field(s). All tracts listed will actually be traversed by the wellbore or the filer has pooling authority or other contractual authority, such as a production sharing agreement, authorizing inclusion of the non-drill site tract in the acreage assigned to the well.

RRC ID No., Lease No. or Tract ID		Lease Name	Beginning Lease Acres	Ownership Interval (Upper)	Ownership Interval (Lower)	Operator Name and Operator No. (if different from filing operator)
A	Tract 42	Tract 42	640.700			
B	57949	UL 20 N Gold Spoon	640.700			
C	Tract 46	Tract 46	640.700			
D						
E						
F						
G						
H						
Total Acreage =			1922.100			

**SECTION VI. LISTING OF ALL WELLS IN THE REGULATORY FIELD AS LISTED IN SECTION II, AND ALLOCATING ACREAGE FROM ANY OR ALL TRACTS LISTED IN SECTION V BY FILER**

[illegible]

\*A revised P-16 is required if increasing the proration acreage on an existing Allocation or PSA well utilizing acreage from a regulatory lease or undeveloped tract not listed in Section V. (refer to instructions)

## GROUNDWATER PROTECTION DETERMINATION

Form GW-2



## Groundwater Advisory Unit

**Date Issued:** 06 September 2022**GAU Number:** 354979**Attention:** PDEH LLC  
600 W ILLINOIS AVE  
MIDLAND, TX 79701**Operator No.:** 646827**API Number:**  
**County:** LOVING  
**Lease Name:** UL 20 Gold Spoon  
**Lease Number:**  
**Well Number:** 2901H  
**Total Vertical:** 12000  
**Latitude:** 31.672381  
**Longitude:** -103.338350  
**Datum:** NAD27**Purpose:** New Production Well**Location:** Survey-UL; Abstract-U43; Block-20; Section-29

To protect usable-quality groundwater at this location, the Groundwater Advisory Unit of the Railroad Commission of Texas recommends:

Water-bearing strata from the land surface to a depth of 350 feet and the Rustler, which is estimated to occur from 700 to 1100 feet must be protected.

This recommendation is applicable for all wells drilled in this section 29.

Note: Unless stated otherwise, this recommendation is intended to apply to all wells drilled within 200 feet of the subject well. Unless stated otherwise, this recommendation is for normal drilling, production, and plugging operations only.

This determination is based on information provided when the application was submitted on 09/06/2022. If the location information has changed, you must contact the Groundwater Advisory Unit, and submit a new application if necessary. If you have questions, please contact us at 512-463-2741 or [gau@rrc.texas.gov](mailto:gau@rrc.texas.gov).

Groundwater Advisory Unit, Oil and Gas Division

Form GW-2    P.O. Box 12967    Austin, Texas    78771-2967    512-463-2741    Internet address: [www.rrc.texas.gov](http://www.rrc.texas.gov)  
Rev. 02/2014



OPERATOR: PDEH LLC

AS-DRILLED LOCATION

LEASE NAME & WELL NO.:

UL 20 N GOLD SPOON A 2003H  
API #: 4230132937

PSA ACREAGE:

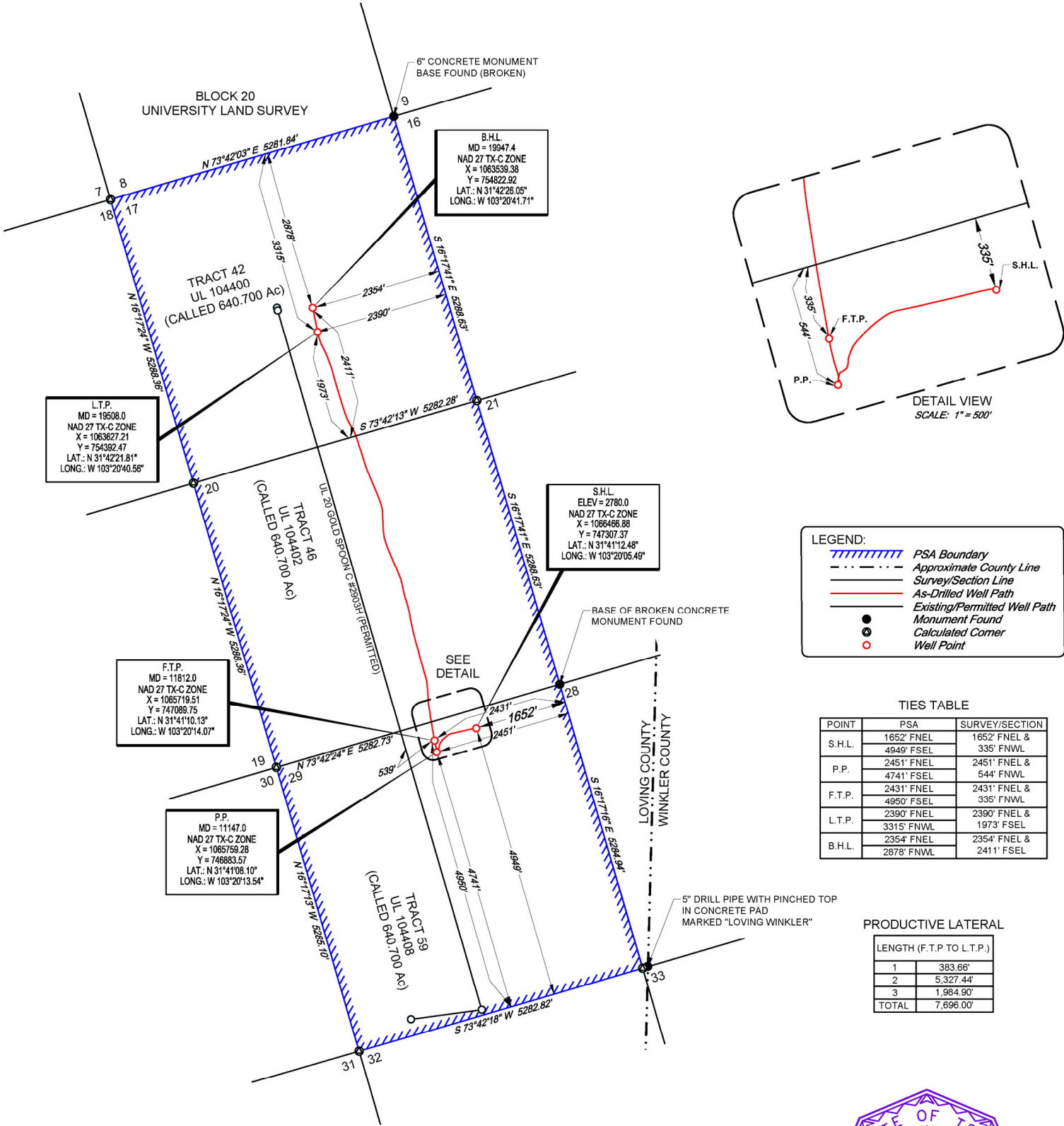
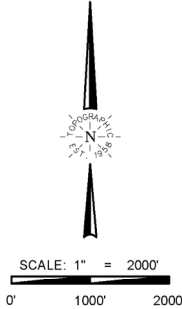
1,922.10 ACRES (CALLED)

NEAREST TOWN IN COUNTY:

±15.6 MILES SOUTHEAST OF MENTONE, TEXAS

DESCRIPTION:

SECTIONS 17, 20 & 29, BLOCK 20, UNIVERSITY LAND SURVEY  
LOVING COUNTY, TEXAS



**TOPOGRAPHIC**  
LOYALTY INNOVATION LEGACY  
481 WINSCOTT ROAD, Ste. 200 • BENBROOK, TEXAS 76126  
TELEPHONE: (817) 744-7512 • FAX: (817) 744-7564  
TEXAS FIRM REGISTRATION NO. 10042504  
WWW.TOPOGRAPHIC.COM



*John R. Anderson* 4/12/2023  
John R. Anderson, R.P.L.S. No. 6442

UL 20 N GOLD SPOON A 2003H AS-DRILLED	REVISION:		NOTES:
	O.M.	07/03/2018	
	A.C.L.	07/05/2022	
	O.M.	03/22/2023	
DATE:	05/04/2018		NOTES CONT'D: 6. THE AS-DRILLED SURFACE LOCATION HAS BEEN CAREFULLY SURVEYED ON THE GROUND DURING THE DATE OF JULY 18, 2016. 7. THE SURFACE 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
FILE:	AD UL 20 N GOLD SPOON A 2003H REV3 POH		
DRAWN BY:	A.C.L.		
SHEET:	1 OF 1		