



RAILROAD COMMISSION OF TEXAS

Form W-2

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

Status: Approved  
Date: 06/04/2021  
Tracking No.: 249746

OIL WELL POTENTIAL TEST, COMPLETION OR RECOMPLETION REPORT,

OPERATOR INFORMATION			
Operator	PIONEER NATURAL RES. USA, INC.	Operator	665748
Operator	AMBER MCFADDEN PO BOX 3178 MIDLAND, TX 79702-0000		

WELL INFORMATION			
API	42-383-40858	County:	REAGAN
Well No.:	3H	RRC District	7C
Lease	UNIVERSITY 10-11C	Field	SPRABERRY (TREND AREA)
RRC Lease	21299	Field No.:	85279200
Location	Section: 11, Block: 10, Survey: UL, Abstract: U217		
Latitude		Longitud	
This well is 8.1 miles in a NW direction from BIG LAKE, which is the nearest town in the			

FILING INFORMATION			
Purpose of	Well Record Only		
Type of	New Well		
Well Type:	Shut-In Producer	Completion or Recompletion	04/02/2021
Type of Permit	Date	Permit No.	
Permit to Drill, Plug Back, or Rule 37 Exception	01/30/2020	861362	
Fluid Injection			
O&G Waste Disposal			
Other:			

COMPLETION INFORMATION			
Spud	11/11/2020	Date of first production after rig	04/02/2021
Date plug back, deepening, drilling operation	11/11/2020	Date plug back, deepening, recompletion, drilling operation	03/23/2021
Number of producing wells on this lease this field (reservoir) including this	0	Distance to nearest well in lease & reservoir	0.0
Total number of acres in	1608.00	Elevation	2668 RKB
Total depth TVD	7653	Total depth MD	20457
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)	31.5 Yes
Recompletion or	No	Multiple	No
Type(s) of electric or other log(s)	Acceptable cased hole logs		
Electric Log Other Description:			
Location of well, relative to nearest lease of lease on which this well is	555.0 Feet from the 1330.0 Feet from the	Off Lease :	No
		South Line and West Line of the	
		UNIVERSITY 10-11C 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	525.0	Date 01/28/2020
SWR 13 Exception	Depth	1087.0	

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	13 3/8	17 1/2	1028			C	1100	1891.0	0	Circulated to Surface
2	Intermediate	9 5/8	12 1/4	6972	3239		TXI & C	981	2369.0	0	Circulated to Surface
3	Intermediate	9 5/8	12 1/4	6972			C & TXI	1158	2824.0	3239	Calculation
4	Conventional Production	5 1/2	8 1/2	20442			TXI	2814	4831.0	76	Cement Evaluation Log

LINER RECORD									
Ro	Liner Size	Hole Size	Liner Top	Liner Bottom	Cement Class	Cement Amoun	Slurry Volume (cu.)	Top of Cement (ft.)	TOC Determined
N/A									

TUBING RECORD			
Ro	Size (in.)	Depth	Size (ft.)
1	2 7/8	7408	
		Packer Depth (ft.)/Type	
		/	

PRODUCING/INJECTION/DISPOSAL INTERVAL			
Ro	Open hole?	From (ft.)	To (ft.)
1	No	L1 7737	20416.0

ACID, FRACTURE, CEMENT SQUEEZE, CAST IRON BRIDGE PLUG, RETAINER, ETC.			
Was hydraulic fracturing treatment		Yes	
Is well equipped with a downhole sleeve?		No	
Production casing test pressure (PSIG)		Actual maximum pressure (PSIG) during	
hydraulic fracturing	9500	fracturin	9232
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>
1	Fracture	SEE FRAC FOCUS	7737 20416

FORMATION RECORD					
<u>Formations</u>	<u>Encountere</u>	<u>Depth TVD</u>	<u>Depth MD</u>	<u>Is formation</u>	<u>Remarks</u>
GRAYBURG	Yes	2979.0	2979.0	Yes	PROJECTED TOP, VALUE MAY CHANGE
QUEEN	Yes	2502.0	2502.0	Yes	PROJECTED TOP, VALUE MAY CHANGE
SAN ANDRES - SALTWATER FLOW, POSSIBLY HEAVY	Yes	3173.0	3173.0	Yes	PROJECTED TOP, VALUE MAY CHANGE
CLEARFORK	Yes	4956.0	4956.0	Yes	PROJECTED TOP, VALUE MAY CHANGE
SPRABERRY	Yes	5840.0	5840.0	Yes	PROJECTED TOP, VALUE MAY CHANGE
STRAWN	No			No	BELOW TVD
FUSSELMAN	No			No	BELOW TVD
ELLENBURGER	No			No	BELOW TVD
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
AS DRILLED PLAT, P16 TO BE UPLOADED WITH IP. LOG TRK# 30783. KOP 7066'

RRC REMARKS	
<b>PUBLIC COMMENTS:</b> [RRC Staff 2021-06-03 17:19:01.458] EDL=12650 feet, max acres=800, SPRABERRY (TREND AREA) oil well; take points: 7737-20416 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	DAVID VINCENTI	Title:	Regulatory Specialist
Telephone	(972) 969-3935	Date	05/20/2021



RAILROAD COMMISSION OF TEXAS

Form W-

1701 N. Congress

P.O. Box 12967

Austin, Texas 78701-2967

CEMENTING REPORT

Operator Information

Operator Name: PIONEER NATURAL RES. USA, INC.      Cementer Name: PERMIAN 5 ENERGY SERVICES,L.L.C.

Operator P-5 No: 665748      Cementer P-5 No: 855743  
Address: ATTN WELDON PIERSON 777 HIDDEN RIDGE      Address: PO BOX 52672 MIDLAND TX 79710  
IRVING TX 75038      Date: 11/16/2020  
Date: 05/10/2021

Well Information

District No: 7C      County: REAGAN  
Well No: 3H      API No: 38340858      Drilling Permit No: 861362  
Lease Name: UNIVERSITY 10-11C      Field Name: SPRABERRY (TREND AREA)

Lease No: N/A      Field No: 85279200

Casing Cementing Data

Type of casing: Surface      Cementing Date : 11/12/2020  
Drilled hole size (in.): 17 1/2  
Size of casing in O.D.(in): 13 3/8      Depth of drilled hole (ft.): 1049  
Hrs. waiting on cement before drill-out: 12      No. of centralizers used : 8  
Est. % wash-out or hole enlargement: 20      Top of liner (ft.): N/A  
Calculated top of cement (ft.): 0      Setting depth liner (ft.) : N/A  
Was cement circulated to ground surface (or bottom of cellar)      Setting depth shoe (ft): 1028  
outside casing? [Yes]      Casing weight (lbs/ft) and grade: 54.5 K55  
Multiple parallel strings: No      DV tool not opened: No

Slurry

Slurry # 1 \* No. of Sacks: 750 \* Class: C \* Additives: 4% GEL \* Volume (cu. ft.) 1425 \* Height (ft.) 2052  
Slurry # 2 \* No. of Sacks: 350 \* Class: C \* Additives: NEAT \* Volume (cu. ft.) 466 \* Height (ft.) 670

Cementing to Squeeze, Plug Back or Plug and Abandon

Remarks

Cementer Certification: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources code, that I am authorized to make this certification, that the cementing of casing and/or the placing of cement plugs in this well as shown in the report was performed by me or under my supervision and that the cementing data and facts presented on both sides of this form are true, correct and complete, to the best of my knowledge. This certification covers cementing data only.

Company Representative: MARTIN HIGAREDA      Representative's Title: OPERATIONS  
Phone Number: (432) 664-9221

Operator Certification: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources code, that I am authorized to make this certification, that I have knowledge of the well data and information presented in this report and that data and facts presented on both sides of this form are true, correct and complete, to the best of my knowledge. This certification covers all well data.

Operator Representative: David Vincenti      Representative's Title: Regulatory Specialist  
Phone Number: (972) 969-3935



RAILROAD COMMISSION OF TEXAS

Form W-

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

CEMENTING REPORT

Operator Information

Operator Name: PIONEER NATURAL RES. USA, INC.	Cementer Name: SCHLUMBERGER TECHNOLOGY CORP.
Operator P-5 No: 665748	Cementer P-5 No: 754900
Address: ATTN WELDON PIERSON 777 HIDDEN RIDGE IRVING TX 75038	Address: 300 SCHLUMBERGER DR MD 23 SUGAR LAND TX 77478
Date: 05/17/2021	Date: 05/13/2021

Well Information

District No: 7C	County: GLASSCOCK
Well No: 3H	API No: 38340858 Drilling Permit No: 861362
Lease Name: UNIVERSITY 10-11C	Field Name: SPRABERRY (TREND AREA)
Lease No: N/A	Field No: 85279200

Casing Cementing Data

Type of casing: Intermediate	Cementing Date : 05/13/2021
Drilled hole size (in.): 12 1/4	Depth of drilled hole (ft.): 6982
Size of casing in O.D.(in): 9 5/8	No. of centralizers used : 45
Hrs. waiting on cement before drill-out: 12	Top of liner (ft.): N/A
Est. % wash-out or hole enlargement: 20	Setting depth liner (ft.) : N/A
Calculated top of cement (ft.): 3239	Setting depth shoe (ft): 6972
Was cement circulated to ground surface (or bottom of cellar) outside casing? [Yes]	Casing weight (lbs/ft) and grade: 40 L80-IC
	Multiple parallel strings: No DV tool not opened: No

Slurry

Slurry # 1 * No. of Sacks: 261 * Class: Class C * Additives: see remarks * Volume (cu. ft.) 348 * Height (ft.) 6473
Slurry # 2 * No. of Sacks: 897 * Class: TXI * Additives: See Remarks * Volume (cu. ft.) 2476 * Height (ft.) 3313

Casing Cementing Data - Multi-stage

Drilled hole size (in.): 12 1/4	Depth of drilled hole (ft.): 6982
Size of casing in O.D.(in): 9 5/8	No. of centralizers used : 45
Hrs. waiting on cement before drill-out: 12	Setting depth tool (ft): 3239
Est. % wash-out or hole enlargement: 20	Casing weight (lbs/ft) and grade: 40 L80-IC
Calculated top of cement (ft.): 0	
Was cement circulated to ground surface (or bottom of cellar) outside casing? [Yes]	

Slurry - Multi-stage

Slurry # 1 * No. of Sacks: 236 * Class: Class C * Additives: see remarks * Volume (cu. ft.) 314 * Height (ft.) 2813
Slurry # 2 * No. of Sacks: 745 * Class: TXI * Additives: see remarks * Volume (cu. ft.) 2055 * Height (ft.) 0

Cementing to Squeeze, Plug Back or Plug and Abandon

Remarks

- 9 5/8" Intermediate Casing

Cementer Certification: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources code, that I am authorized to make this certification, that the cementing of casing and/or the placing of cement plugs in this well as shown in the report was performed by me or under my supervision and that the cementing data and facts presented on both sides of this form are true, correct and complete, to the best of my knowledge. This certification covers cementing data only.

Company Representative: Corey Walkowski	Representative's Title: Field engineer
Phone Number: (814) 322-2818	

Operator Certification: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources code, that I am authorized to make this certification, that I have knowledge of the well data and information presented in this report and that data and facts presented on both sides of this form are true, correct and complete, to the best of my knowledge. This certification covers all well data.

Operator Representative: David Vincenti	Representative's Title: Regulatory Specialist
Phone Number: (972) 969-3935	

**RAILROAD COMMISSION OF TEXAS**

Form W-

1701 N. Congress

P.O. Box 12967

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**CEMENTING REPORT****Operator Information**

Operator Name: PIONEER NATURAL RES. USA, INC.

Cementer Name: SCHLUMBERGER TECHNOLOGY CORP.

Operator P-5 No: 665748

Cementer P-5 No: 754900

Address: ATTN WELDON PIERSON 777 HIDDEN RIDGE  
IRVING TX 75038Address: 300 SCHLUMBERGER DR MD 23 SUGAR LAND TX  
77478

Date: 05/10/2021

Date: 12/21/2020

**Well Information**

District No: 7C

County: REAGAN

Well No: 3H

API No: 38340858

Drilling Permit No: 861362

Lease Name: UNIVERSITY 10-11C

Field Name: SPRABERRY (TREND AREA)

Lease No: N/A

Field No: 85279200

**Casing Cementing Data**

Type of casing: Production

Cementing Date : 12/19/2020

Drilled hole size (in.): 8 1/2

Size of casing in O.D.(in): 5 1/2

Depth of drilled hole (ft.): 20457

Hrs. waiting on cement before drill-out: 12

No. of centralizers used : 68

Est. % wash-out or hole enlargement: 20

Top of liner (ft.): N/A

Calculated top of cement (ft.): 76

Setting depth liner (ft.) : N/A

Was cement circulated to ground surface (or bottom of cellar)  
outside casing? [No]

Setting depth shoe (ft): 20442

Casing weight (lbs/ft) and grade: 20 P110-  
IC

Multiple parallel strings: No

DV tool not opened: No

**Slurry**

Slurry # 1 \* No. of Sacks: 510 \* Class: TXI \* Additives: B389

B553

D206

D031

D047

D154

D174

D208

D255

D800

D049

D047

D065

D174

D208

\* Volume (cu. ft.)

1122 \* Height (ft.) 2641

Slurry # 2 \* No. of Sacks: 2304 \* Class: TXI \* Additives: B389

B553

D206

D031

D047

D154

D174

D208

D255

D800

D049

D047

D065

D174

D208

\* Volume (cu. ft.)

3709 \* Height (ft.) 6946

**Cementing to Squeeze, Plug Back or Plug and Abandon****Remarks**

- 5.5" Production Casing

Cementer Certification: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources code, that I am authorized to make this certification, that the cementing of casing and/or the placing of cement plugs in this well as shown in the report was performed by me or under my supervision and that the cementing data and facts presented on both sides of this form are true, correct and complete, to the best of my knowledge. This certification covers cementing data only.

Company Representative: B Farnham

Representative's Title: FS3

Phone Number: (970) 778-2323

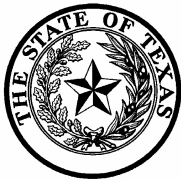
Operator Certification: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources code, that I am authorized to make this certification, that I have knowledge of the well data and information presented in this report and that data and facts presented on both sides of this form are true, correct and complete, to the best of my knowledge. This certification covers all well data.

Operator Representative: David Vincenti

Representative's Title: Regulatory Specialist

Phone Number: (972) 969-3935

CHRISTI CRADDICK, CHAIRMAN  
RYAN SITTON, COMMISSIONER  
WAYNE CHRISTIAN, COMMISSIONER



DANNY SORRELLS  
DIRECTOR, OIL AND GAS DIVISION  
BILL SPRAGGINS  
DISTRICT DIRECTOR

**RAILROAD COMMISSION OF TEXAS**  
**OIL AND GAS**

<b>OPERATOR</b>	PIONEER NATURAL RES. USA, INC.	<b>RE Lease:</b>	UNIVERSITY 10-11C
<b>Address1:</b>	ATTN WELDON PIERSON	<b>Well No:</b>	3H
<b>Address2:</b>	777 HIDDEN RIDGE	<b>Sec:</b>	11
<b>City:</b>	IRVING	<b>Block</b>	10
<b>State:</b>	TX	<b>County:</b>	REAGAN
		<b>Survey Name:</b>	UL

<b>SWR13EX Application</b>	80317	<b>Drilling Permit</b>	861362
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**SWR 13 CASING EXCEPTION APPLICATION/ALTERNATIVE REQUEST**

The Proposed Casing and Cementing Program submitted for **LEASE** UNIVERSITY 10-11C ;  
**WELL** 3H 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 1087 feet of surface casing and circulate cement from the shoe to the ground surface.

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 01/30/2020 .  
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: Crystal Denson

DATE: 01/30/2020

BILL SPRAGGINS

DISTRICT DIRECTOR

Tracking No.: 249746

This facsimile L-1 was generated electronically from data submitted to the RRC.

## Instructions

**When to File Form L-1:**

- with Forms G-1, W-2, and GT-1 for new and deepened gas, oil, and geothermal wells
- with Form W-3 for plugged dry holes
- when sending in a log which was held under a request for confidentiality and the period for confidentiality has not yet expired.

**When is Form L-1 NOT required:**

- with Forms W-2, G-1, and GT-1 filed for injection wells, disposal wells, water supply wells, service wells, re-test wells, re-classifications, and plugbacks of oil, gas or geothermal wells
- with Form W-3 for plugging of other than a dry hole

**Where to File Form L-1:**

- with the appropriate Commission district office

**Filling out Form L-1:**

- Section I and the signature section must be filled out for all wells
- complete only the appropriate part of Section II

**Type of log required:**

- any wireline survey run for the purpose of obtaining lithology, porosity, or resistivity information
- no more than one such log is required but it must be of the subject well
- if such log is NOT run on the subject well, do NOT substitute any other type of log; just select Section II, Part A below

## SECTION I. IDENTIFICATION

Operator  
Name: PIONEER NATURAL RES. USA, INC.District  
No. 7CCompletion  
Date: 04/02/2021Field  
Name SPRABERRY (TREND AREA)Drilling Permit  
No. 861362Lease  
Name UNIVERSITY 10-11CLease/ID  
No. 21299Well  
No. 3HCounty  
REAGANAPI  
No. 42- 383-40858

## SECTION II. LOG STATUS (Complete either A or B)

☐ A. BASIC ELECTRIC LOG NOT RUN☒ B. BASIC ELECTRIC LOG RUN. (Select one)

- ☐ 1. Confidentiality is requested and a copy of the header for each log that has been run on the well is attached.
- ☐ 2. Confidentiality already granted on basic electric log covering this interval (applicable to deepened wells only).
- ☐ 3. Basic electric log covering this interval already on file with Commission (applicable to deepened wells only).
- ☒ 4. Log attached to (select one):

☒ (a) Form L-1 (this form). If the company/lease name on log is different from that shown in Section I, please enter name on log here: \_\_\_\_\_

Check here if attached log is being submitted after being held confidential. ☐

☐ (b) Form P-7, Application for Discovery Allowable and New Field Designation.

☐ (c) Form W-4, Application for Multiple Completion:

Lease or ID No(s). \_\_\_\_\_

Well No(s). \_\_\_\_\_

DAVID VINCENTI

Signature

PIONEER NATURAL RES. USA, INC.

Name (print)

Regulatory Specialist

Title

(972) 969-3935

Phone

05/18/2021

Date

-FOR RAILROAD COMMISSION USE ONLY-

CERTIFICATE OF COMPLIANCE  
AND TRANSPORTATION AUTHORITY

P-4

This facsimile P-4 was generated electronically from data submitted to the RRC.  
A certification of the automated data is available in the RRC's Austin office.

Tracking No.: 249746

1. Field name exactly as shown on proration schedule <b>SPRABERRY (TREND AREA)</b>		2. Lease name as shown on proration schedule <b>UNIVERSITY 10-11C</b>							
3. Current operator name exactly as shown on P-5 Organization Report <b>PIONEER NATURAL RES. USA, INC.</b>		4. Operator P-5 no. <b>665748</b>	5. Oil Lse/Gas ID no <b>21299</b>	6. County <b>REAGAN</b>	7. RRC district <b>7C</b>				
8. Operator address including city, state, and zip code <b>AMBER MCFADDEN PO BOX 3178 MIDLAND, TX 79702</b>		9. Well no(s) (see instruction E) <b>3H</b>			11. Effective Date <b>04/02/2021</b>				
		10. Classification <input checked="" type="checkbox"/> Oil <input type="checkbox"/> Gas <input type="checkbox"/> Other (see instruction A)							
12. Purpose of Filing. (Complete section a or b below.) (See instructions B and G) <b>a. Change of:</b> <input type="checkbox"/> operator <input type="checkbox"/> oil or condensate gatherer <input type="checkbox"/> gas gatherer <input type="checkbox"/> gas purchaser <input type="checkbox"/> gas purchaser system code <input type="checkbox"/> field name from _____ <input type="checkbox"/> lease name from _____ <b>OR</b> <b>b. New RRC Number for:</b> <input checked="" type="checkbox"/> oil lease <input type="checkbox"/> gas well <b>Due to:</b> <input type="checkbox"/> new completion or recompletion <input type="checkbox"/> reclass oil to gas <input type="checkbox"/> reclass gas to oil <input type="checkbox"/> other well (specify) _____ <input type="checkbox"/> consolidation, unitization, or subdivision (oil lease only)									
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	TARGA PL MID-CONT WESTTEX LLC(836041)			0001	100.0			
14. Authorized OIL or CONDENSATE Gatherer(s). (See instruction G).									
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			
PLAINS PIPELINE L.P.(667884)						50.0			
PLAINS MARKETING, L.P.(667883)						50.0			
<b>RRC USE ONLY:</b> Reviewer's initials: <u>RRC Staff</u> Approval date: <u>06/04/2021</u>									
<b>15. PREVIOUS OPERATOR CERTIFICATION FOR CHANGE OF OPERATOR P-4 FILING.</b> 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.  <table style="width:100%;"><tr><td style="width:50%; vertical-align: top;">Name of Previous Operator _____ Name (print) _____ Title _____</td><td style="width:50%; vertical-align: top;">Signature _____ <input type="checkbox"/> <b>Authorized Employee of previous operator</b> <input type="checkbox"/> <b>Authorized agent of previous operator (see instruction G)</b> _____ Date _____ Phone with area code _____</td></tr></table>								Name of Previous Operator _____ Name (print) _____ Title _____	Signature _____ <input type="checkbox"/> <b>Authorized Employee of previous operator</b> <input type="checkbox"/> <b>Authorized agent of previous operator (see instruction G)</b> _____ Date _____ Phone with area code _____
Name of Previous Operator _____ Name (print) _____ Title _____	Signature _____ <input type="checkbox"/> <b>Authorized Employee of previous operator</b> <input type="checkbox"/> <b>Authorized agent of previous operator (see instruction G)</b> _____ Date _____ Phone with area code _____								
<b>16. CURRENT OPERATOR CERTIFICATION.</b> 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.  <table style="width:100%;"><tr><td style="width:50%; vertical-align: top;">PIONEER NATURAL RES. USA, INC. _____ Name (print) Regulatory Specialist _____ Title david.vincenti@pxd.com _____ E-mail Address (optional)</td><td style="width:50%; vertical-align: top;">DAVID VINCENTI _____ Signature <input checked="" type="checkbox"/> <b>Authorized Employee of current operator</b> <input type="checkbox"/> <b>Authorized agent of current operator (see instruction G)</b> _____ 05/18/2021 _____ Date Phone with area code _____ (972) 969-3935</td></tr></table>								PIONEER NATURAL RES. USA, INC. _____ Name (print) Regulatory Specialist _____ Title david.vincenti@pxd.com _____ E-mail Address (optional)	DAVID VINCENTI _____ Signature <input checked="" type="checkbox"/> <b>Authorized Employee of current operator</b> <input type="checkbox"/> <b>Authorized agent of current operator (see instruction G)</b> _____ 05/18/2021 _____ Date Phone with area code _____ (972) 969-3935
PIONEER NATURAL RES. USA, INC. _____ Name (print) Regulatory Specialist _____ Title david.vincenti@pxd.com _____ E-mail Address (optional)	DAVID VINCENTI _____ Signature <input checked="" type="checkbox"/> <b>Authorized Employee of current operator</b> <input type="checkbox"/> <b>Authorized agent of current operator (see instruction G)</b> _____ 05/18/2021 _____ Date Phone with area code _____ (972) 969-3935								



## GROUNDWATER PROTECTION DETERMINATION

Form GW-2

## Groundwater Advisory Unit

**Date Issued:** 28 January 2020**GAU Number:** 269429**Attention:** PIONEER NATURAL RES. USA,  
777 HIDDEN RIDGE  
IRVING, TX 75038**Operator No.:** 665748**API Number:**  
**County:** REAGAN  
**Lease Name:** University 10-11A  
**Lease Number:**  
**Well Number:** 1H  
**Total Vertical Depth:** 9864  
**Latitude:** 31.281908  
**Longitude:** -101.546530  
**Datum:** NAD27**Purpose:** New Production Well**Location:** Survey-UL; Abstract-U217; Block-10; Section-11

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

The base of usable-quality water-bearing strata is estimated to occur at a depth of 525 feet at the site of the referenced well.

This recommendation is applicable for all wells drilled in this Survey-UL; Block-10; Section-11.

Note: Unless stated otherwise, this recommendation is intended to apply only to the subject well and not for area-wide use. 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 01/28/2020. 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

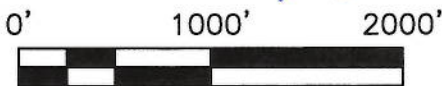


UNIVERSITY 10-11C #3H	EASTING (X) (NAD 27)	NORTHING (Y) (NAD 27)	LATITUDE (NAD 27)	LONGITUDE (NAD 27)	SECTION LINE		SECTION LINE		LEASE LINE		LEASE LINE		SECTION
					FOOTAGE	FNL/FSL	FOOTAGE	FEL\FWL	FOOTAGE	FNL/FSL	FOOTAGE	FEL\FWL	
SURFACE HOLE LOCATION (SHL)	1621087.3	589512.8	31.281924	-101.546339	2110'	FNL	1330'	FWL	555'	FSL	1330'	FWL	11
TOP OF CLEARFORK (TOC)	1621635.6	589067.5	31.280716	-101.544568	2544'	FNL	1887'	FWL	120'	FSL	1887'	FWL	11
FIRST TAKE POINT (FTP)	1621683.2	589414.8	31.281673	-101.544428	2196'	FNL	1928'	FWL	468'	FSL	1928'	FWL	11
LAST TAKE POINT (LTP)	1621936.0	602068.8	31.316469	-101.544060	141'	FNL	1925'	FWL	141'	FNL	1925'	FWL	28
BOTTOM HOLE LOCATION (BHL)	1621935.0	602109.6	31.316582	-101.544064	100'	FNL	1923'	FWL	100'	FNL	1923'	FWL	28

UNIVERSITY 10-11C #3H	LENGTH
TRACT 1	2213'
TRACT 2	5331'
TRACT 3	2637'
TRACT 4	2498'
TOTAL PRODUCTIVE LATERAL LENGTH	12679'



*Hunter Wade Wills*  
05/27/2021



SCALE: 1" = 1000'

NOTE: WELL IS LOCATED APPROXIMATELY 8.1 MILES NORTHWEST OF BIG LAKE, REAGAN COUNTY, TEXAS

**HALFF®**  
3300 NORTH A STREET, BUILDING 2, SUITE 120  
MIDLAND, TX 79705-5471  
TEL (432) 253-3255  
TBPELS SURVEYING FIRM #10193998

DATE: 5/27/2021  
BY: K. NYRKANEN  
AVO: 039678.448

LEGEND

- SECTION LINE
- BLOCK LINE
- LEASE LINE
- SUBJECT LATERAL
- AS-DRILLED LATERAL
- PERMITTED LATERAL
- PROPOSED LATERAL
- PROPOSED WELL
- EXISTING WELL

NOTES:

- THE BASIS OF BEARING OF THE SURVEY IS THE TEXAS COORDINATE SYSTEM, NORTH AMERICAN DATUM 1927 (NAD 27), CENTRAL ZONE (4203).
- ALL TEXAS STATE PLANE COORDINATES AND GEOGRAPHIC COORDINATES SHOWN HEREON ARE NAD 27 GRID COORDINATES AS COMPUTED BY CORPSCON VERSION 6.0.1. ALL GEOGRAPHIC COORDINATES SHOWN HEREON WERE CONVERTED USING CORPSCON VERSION 6.0.1. UNLESS OTHERWISE NOTED, ALL DISTANCES SHOWN HEREON ARE GRID DISTANCES AND THEY CAN BE CONVERTED TO SURFACE WHEN MULTIPLIED WITH A "SURFACE ADJUSTMENT FACTOR" OF 1.000217337, AS CALCULATED BY CORPSCON.
- ELEVATIONS SHOWN HEREON ARE NAVD88 AS DERIVED BY GPS.
- THIS EXHIBIT IS FOR TEXAS RAILROAD COMMISSION WELL PERMITTING PURPOSES ONLY. BOUNDARY LINES AND ACREAGE SHOWN HEREON REFLECT THE SURVEYORS PROFESSIONAL OPINION OF MINERAL RIGHTS AS DETERMINED FROM CLIENT-PROVIDED OIL AND GAS MINERAL LEASE DOCUMENTATION. THE INFORMATION DEPICTED HEREON SHALL NOT BE USED IN THE CONVEYANCE OF FEE TITLE TO REAL PROPERTY.
- ALL MEASUREMENTS TO LEASE, UNIT, AND SURVEY LINES ARE PERPENDICULAR TO SAID LINES.
- THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF A TITLE REPORT.
- THE AS-DRILLED DATA USED TO DEPICT THE WELL BORE PATH WAS PROVIDED BY OTHERS. NO WARRANTY IS EITHER EXPRESSED OR IMPLIED AS TO THE ACCURACY OF THE INFORMATION HEREIN.
- PRODUCTIVE LATERAL LENGTH IS DERIVED MATHEMATICALLY FROM SAID AS-DRILLED DATA PROVIDED BY OTHERS.

PIONEER NATURAL RESOURCES  
USA, INC.

LAND PSA FINAL AS-DRILLED PLAT  
UNIVERSITY 10-11C #3H

LOCATED IN:

SECTION 28, BLOCK 58,  
SECTIONS 2 & 11, BLOCK 10,  
UNIVERSITY LANDS SURVEY,  
REAGAN COUNTY, TEXAS

