



RAILROAD COMMISSION OF TEXAS

Form W-2

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

Status: Submitted  
Date: 01/11/2022  
Tracking No.: 258739

OIL WELL POTENTIAL TEST, COMPLETION OR RECOMPLETION REPORT,

OPERATOR INFORMATION			
Operator	FORGE ENERGY OPERATING, LLC	Operator	276873
Operator	15727 ANTHEM PKWY STE 501 SAN ANTONIO, TX 78249-0000		

WELL INFORMATION			
API	42-475-38194	County:	WARD
Well No.:	1207H	RRC District	08
Lease	UNIVERSITY 18-3-14 WA7	Field	PHANTOM (WOLFCAMP)
RRC Lease		Field No.:	71052900
Location	Section: 3, Block: 18, Survey: UL, Abstract: U82		
Latitude	31.574736	Longitud	-103.218080
This well is	6.1	miles in a	NW
direction from	PYOTE, TX,		
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	06/21/2021
Type of Permit	Date	Permit No.	
Permit to Drill, Plug Back, or	04/15/2021	869091	
Rule 37 Exception			
Fluid Injection			
O&G Waste Disposal			
Other:			

COMPLETION INFORMATION			
Spud	05/23/2021	Date of first production after rig	06/21/2021
Date plug back, deepening, drilling operation	05/21/2021	Date plug back, deepening, recompletion, drilling operation	06/19/2021
Number of producing wells on this lease this field (reservoir) including this	1	Distance to nearest well in lease & reservoir	1080.0
Total number of acres in	1281.00	Elevation	2107 GR
Total depth TVD	11397	Total depth MD	21675
Plug back depth TVD	11244	Plug back depth MD	11684
Was directional survey made other inclination (Form W-	Yes	Rotation time within surface casing Is Cementing Affidavit (Form W-15)	24.0 Yes
Recompletion or	No	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	508.0 Feet from the	Off Lease :	No
	2513.0 Feet from the	East Line and	
		South Line of the	
	UNIVERSITY 18-3-14 WA7 Lease.		

FORMER FIELD (WITH RESERVOIR) & GAS ID OR OIL LEASE NO.			
Field & Reservoir	Gas ID or Oil Lease	Well No.	Prior Service Type
W2:	N/A		

PACKET:	N/A		
FOR NEW DRILL OR RE-ENTRY, SURFACE CASING DEPTH DETERMINED BY:			
GAU Groundwater Protection Determination	Depth	700.0	Date 05/06/2021
SWR 13 Exception	Depth	850.0	

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	5088			C	2310	4295.0	26	Circulated to Surface
4	Intermediate	7 5/8	8 3/4	10833			C	520	1066.0	28	Cement Evaluation Log
6	Conventional Production	5 1/2	6 3/4	21658			C	1260	1701.0	31	Cement Evaluation Log

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>
N/A									

TUBING RECORD			
<u>Ro</u>	<u>Size (in.)</u>	<u>Depth</u>	<u>Size (ft.)</u>
		<u>Packer Depth (ft.)/Type</u>	
		/	
N/A			

PRODUCING/INJECTION/DISPOSAL INTERVAL			
<u>Ro</u>	<u>Open hole?</u>	<u>From (ft.)</u>	<u>To (ft.)</u>
		L	
N/A			

ACID, FRACTURE, CEMENT SQUEEZE, CAST IRON BRIDGE PLUG, RETAINER, ETC.			
Was hydraulic fracturing treatment	Yes		
Is well equipped with a downhole sleeve?	Yes	If yes, actuation pressure	10076.0
Production casing test pressure (PSIG)		Actual maximum pressure (PSIG) during	
hydraulic fracturing	10000	fracturin	10456
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
RUSTLER	Yes	965.0	965.0	Yes	
LAMAR	Yes	4982.0	4982.0	Yes	
BELL CANYON	Yes	5004.0	5004.0	Yes	
YATES	No			No	NOT IN THE AREA
SEVEN RIVERS	No			No	NOT ENCOUNTERED
QUEEN	No			No	NOT ENCOUNTERED
CAPITAN REEF - HIGH FLOWS	No			No	NOT ENCOUNTERED
SAN ANDRES - HIGH FLOWS, H2S,	No			No	NOT ENCOUNTERED
CORROSIVE					
DELAWARE	No			No	NOT ENCOUNTERED
GLORIETA	No			No	NOT ENCOUNTERED
HOLT	No			No	NOT ENCOUNTERED
CLEARFORK	No			No	NOT ENCOUNTERED
TUBB	No			No	NOT ENCOUNTERED
CHERRY CANYON	Yes	5872.0	5872.0	Yes	
BRUSHY CANYON	Yes	7236.0	7236.0	Yes	
BONE SPRING	Yes	10690.0	10916.0	Yes	
WICHITA ALBANY	No			No	NOT ENCOUNTERED
WOLFCAMP	Yes	11263.0	11820.0	Yes	
PENNSYLVANIAN	No			No	NOT IN THE AREA
ATOKA	No			No	NOT IN THE AREA
DEVONIAN	No			No	NOT IN THE AREA
FUSSELMAN	No			No	NOT IN THE AREA
MONTOYA	No			No	NOT IN THE AREA
WADDELL	No			No	NOT IN THE AREA
ELLENBURGER	No			No	NOT IN THE AREA
PRECAMBRIAN (UNDIFFERENTIATED)	No			No	NOT IN THE AREA
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
P-16 WILL BE FILED WITH IP

RRC REMARKS	
<b>PUBLIC COMMENTS:</b> [RRC Staff 2022-01-21 14:41:49.036] Unperfed WRO packet. EDL = 0 feet, max acres = 0	
<b>CASING RECORD :</b>	
<b>TUBING RECORD:</b> WRO	
<b>PRODUCING/INJECTION/DISPOSAL INTERVAL :</b> WRO	
<b>ACID, FRACTURE, CEMENT SQUEEZE, CAST IRON BRIDGE PLUG, RETAINER, ETC. :</b>	
<b>POTENTIAL TEST DATA:</b>	

OPERATOR'S CERTIFICATION			
Printed	Bailey Black	Title:	Project Manager
Telephone	(580) 504-3894	Date	02/15/2022





# RAILROAD COMMISSION OF TEXAS

1701 N. Congress

P.O. Box 12967

Austin, Texas 78701-2967

## CEMENTING REPORT

Form W-15

Rev. 08/2014

Cementer: Fill in shaded areas.

Operator: Fill in other items.

### OPERATOR INFORMATION

Operator Name: <b>FORGE ENERGY</b>	Operator P-5 No.: 276873
Cementer Name: <b>HALLIBRTON ENERGY SERVICES</b>	Cementer P-5 No.: <b>347151</b>

### WELL INFORMATION

District No.: 08	County: WARD	
Well No.: 1207 H	API No.: 42-475-38194	Drilling Permit No.: 869091
Lease Name: UNIVERSITY 18-3-14 WA7	Lease No.:	
Field Name: PHANTOM (WOLFCAMP)	Field No.: 71052900	

### I. CASING CEMENTING DATA

Type of casing: <input type="checkbox"/> Contactor <input checked="" type="checkbox"/> Surface <input type="checkbox"/> Intermediate <input type="checkbox"/> Liner <input type="checkbox"/> Production		
Drilled hole size (in.): 12.25"	Depth of drilled hole (ft.): 5088	Est. % wash-out or hole enlargement:
Size of casing in O.D. (in.): 9.625"	Casing weight (lbs/ft) and grade: 40#/J-55	No. of centralizers used: 43
Was cement circulated to ground surface (or bottom of cellar) outside casing? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO If no for surface casing, explain in Remarks.	Setting depth shoe (ft.): 5088	Top of liner (ft.):
		Setting depth liner (ft.):
Hrs. waiting on cement before drill-out:	Calculated top of cement (ft.): 26	Cementing Date: 5/25/2021

#### SLURRY

Slurry No.	No. of Sacks	Class	Additives	Volume (cu.ft.)	Height (ft.)
1	1920	C		3648	11643
2	390	C		647	1959
3					
Total	2310			4295	13602

### II. CASING CEMENTING DATA

Type of casing:	<input type="checkbox"/> Surface	<input type="checkbox"/> Intermediate	<input type="checkbox"/> Production	<input type="checkbox"/> Tapered	<input type="checkbox"/> Multi-stage shoe	<input type="checkbox"/> Multiple parallel string
Drilled hole size (in.):		Depth of drilled hole (ft.):			Est. % wash-out or hole enlargement:	
Size of casing in O.D. (in.):		Casing weight (lbs/ft) and grade:			No. of centralizers used:	
Tapered string drilled hole size (in.)				Tapered string depth of drilled hole (ft.)		
Upper:		Lower:		Upper:		Lower:
Tapered string size of casing in O.D. (in.)		Tapered string casing weight(lbs/ft) and grade			Tapered string no. of centralizers used	
Upper:		Lower:		Upper:		Lower:
Was cement circulated to ground surface (or bottom cellar)outside casing?					<input type="checkbox"/> YES <input type="checkbox"/> NO	
Setting depth shoe (ft.):						
Hrs. waiting on cement before drill-out:		Calculated top of cement (ft.):			Cementing Date:	

#### SLURRY

Slurry No.	No. of Sacks	Class	Additives	Volume (cu.ft.)	Height (ft.)
1					
2					
3					
Total					

### III. CASING CEMENTING DATA

Type of casing:	Surface	Intermediate	Production	Tapered	Multi-stage/DV tool	Multiple parallel string
Drilled hole size (in.):	Depth of drilled hole (ft.):			Est. % wash-out or hole enlargement:		
Size of casing in O.D. (in.):	Casing weight (lbs/ft) and grade:			No. of centralizers used:		
Tapered string drilled hole size (in.)				Tapered string depth of drilled hole (ft.)		
Upper:		Lower:		Upper:		Lower:
Tapered string size of casing in O.D. (in.)		Tapered string casing weight(lbs/ft) and grade		Tapered string no. of centralizers used		
Upper:		Lower:		Upper:		Lower:
Was cement circulated to ground surface (or bottom cellar)outside casing?				YES	NO	
Setting depth shoe (ft.):						
Hrs. waiting on cement before drill-out:		Calculated top of cement (ft.):		Cementing Date:		

#### SLURRY

Slurry No.	No. of Sacks	Class	Additives	Volume (cu.ft.)	Height (ft.)
1					
2					
3					
Total					



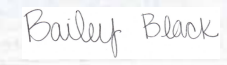
CEMENTING TO SQUEEZE, PLUG BACK OR PLUG AND ABANDON							
	Plug #1	Plug #2	Plug #3	Plug #4	Plug #5	Plug #6	Plug #7
Cementing Date							
Size of hole or pipe (in.)							
Depth to bottom of tubing or drill pipe (ft.)							
Cement retainer setting depth (ft.)							
CIBP setting depth (ft.)							
Amount of cement on top of CIBP (ft.)							
Sacks of cement used							
Slurry volume pumped (cu. ft.)							
Calculated top of plug (ft.)							
Measured top of plug, if tagged (ft.)							
Slurry weight (lbs/gal)							
Class/type of cement							
Perforate and squeeze (YES/NO)							

REMARKS
907165930

CEMENTER'S CERTIFICATE: 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.

CODY NELSON	Halliburton	
Name and title of cementer's representative	Cementing Company	Signature
6155 W Murphy St	Odessa, Tx, 79763	432-571-8739
Address	City, State, Zip code	Tel: Area Code Number
		5/25/2021
		Date: mo. Day yr.

OPERATOR'S CERTIFICATE: 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.

BAILEY BLACK	PROJECT MANAGER	
Intermediate Production Tapered production Multi-stage cement shoe	Title	Signature
15727 ANTHEM PKWY STE 501 SAN ANTONIO, TX 78249	580-504-3894	02/17/2022
Address	City, State, Zip code	Tel: Area Code Number
		Date: mo. Day yr.

### Instructions for W-15, Cementing Report

NOTICE: The Form W-15 must be submitted as an attachment to a Form G-1 (Gas Well Back Pressure Test, Completion or Recompletion Report, and Log), Form W-2 (Oil Well Potential Test, Completion or Recompletion Report, and Log), Form W-3 (Plugging Record), or Form W-4 (Application for Multiple Completion), any time cement is pumped in a wellbore.

- What to file:** An operator should file an original and one copy of the completed Form W-15 for each cementing company used on a well. The cementing of different casing strings on a well by one cementing company may be reported on one form.  
The Form W-15 should be filed with the Form W-3, Plugging Record, unless the Form W-3 is signed by the cementing company representative. When reporting dry holes, operators must complete Form W-15, in addition to Form W-3, to show any casing cemented in the hole.
- How to file:** An oil and gas completion report and Form W-15 may be filed online using the Commission's Online System (<https://webapps.rrc.state.tx.us/security/login.do>) or a paper copy of the form may be mailed to the Commission in Austin (P.O. Box 12967, Austin, Texas 78711-2967).
- Surface casing:** An operator must set and cement sufficient surface casing to protect all usable-quality water strata, as defined by the Groundwater Advisory Unit in Austin. Sufficient cement shall be used to fill the annular space outside the casing from the shoe to the ground surface or to the bottom of the cellar. Before drilling a well, an operator must obtain a letter from the Groundwater Advisory Unit stating the protection depth. Surface casing should not be set deeper than 200 feet below the specified depth without prior approval from the Commission.  
To plug and abandon a well, operators must use only cements approved by the Commission's Director of Field Operations in accordance with SWR 14([http://info.sos.state.tx.us/pls/pub/readtac\\$ext.TacPage?sl=R&app=9&p\\_dir=&p\\_rloc=&p\\_tloc=&p\\_ploc=&pg=1&p\\_tac=&ti=16&pt=1&ch=3&rl=14](http://info.sos.state.tx.us/pls/pub/readtac$ext.TacPage?sl=R&app=9&p_dir=&p_rloc=&p_tloc=&p_ploc=&pg=1&p_tac=&ti=16&pt=1&ch=3&rl=14)). Cementing companies, service companies, or operators can qualify as approved cements by demonstrating that they are able to mix and pump cement in compliance with Commission rules and regulations.
- Estimated % wash-out:** If the estimated % wash-out is less than 20% (or 30% along the Gulf Coast), provide supporting documentation such as a caliper log to show how the estimated % wash-out was obtained.
- Multi-stage cement:** An operator must report the multi-stage cement shoe in II. Casing Cementing Data section by selecting the type of casing and Multi-stage cement shoe. The operator must report the multi-stage cement tool in III. Casing Cementing Data section by selecting the type of casing and Multi-stage cement/DV tool.
- ## Multiple parallel strings:** An operator should file the Form W-15 as an attachment to the Form W-4, Application for Multiple Completion. An operator may be required to submit multiple Form W-15s to show all data for multiple parallel strings.
- Slurry data:** If cement job exceeds three slurries, continue the list of slurries in the Slurry table in the subsequent Casing Cementing data box.





# RAILROAD COMMISSION OF TEXAS

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

Form W-15

Rev. 08/2014

## CEMENTING REPORT

Cementer: Fill in shaded areas.

Operator: Fill in other items.

OPERATOR INFORMATION					
Operator Name: FORGE ENERGY			Operator P-5 No.: 276873		
Cementer Name: HALLIBURTON ENERGY SERVICES			Cementer P-5 No.: 347151		
WELL INFORMATION					
District No.: 08		County: WARD			
Well No.: #1207H		API No.: 42-475-38194		Drilling Permit No.: 869091	
Lease Name: UNIVERSITY 18-3-14 WA7		Lease No.:			
Field Name: PHANTOM (WOLFCAMP)		Field No.: 71052900			
I. CASING CEMENTING DATA					
Type of casing: <input type="checkbox"/> Conductor <input type="checkbox"/> Surface <input checked="" type="checkbox"/> Intermediate <input type="checkbox"/> Liner <input type="checkbox"/> Production					
Drilled hole size (in.): 8.75"		Depth of drilled hole (ft.): 10833		Est. % wash-out or hole enlargement:	
Size of casing in O.D. (in.): 7.625"		Casing weight (lbs/ft) and grade: 29.70#/L-80		No. of centralizers used: 0	
Was cement circulated to ground surface (or bottom of cellar) outside casing? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO If no for surface casing, explain in Remarks.		Setting depth shoe (ft.): 10833		Top of liner (ft.):	
				Setting depth liner (ft.):	
Hrs. waiting on cement before drill-out:		Calculated top of cement (ft.): 28		Cementing date: 6/2/2021	
SLURRY					
Slurry No.	No. of Sacks	Class	Additives	Volume (cu. ft.)	Height (ft.)
1	280	PREM PLUS	REMARKS	722	3185
2	240	PREM PLUS	REMARKS	344	6847
3					
Total	520			1066	10032
II. CASING CEMENTING DATA					
Type of casing: <input type="checkbox"/> Surface <input type="checkbox"/> Intermediate <input type="checkbox"/> Production <input type="checkbox"/> Tapered production <input type="checkbox"/> Multi-stage cement shoe <input type="checkbox"/> Multiple parallel strings					
Drilled hole size (in.):		Depth of drilled hole (ft.):		Est. % wash-out or hole enlargement:	
Size of casing in O.D. (in.):		Casing weight (lbs/ft) and grade:		No. of centralizers used:	
Tapered string drilled hole size (in.)		Tapered string depth of drilled hole (ft.)			
Upper: Lower:		Upper: Lower:			
Tapered string size of casing in O.D. (in.)		Tapered string casing weight(lbs/ft) and grade		Tapered string no. of centralizers used	
Upper: Lower:		Upper: Lower:		Upper: Lower:	
Was cement circulated to ground surface (or bottom of cellar) outside casing? <input type="checkbox"/> YES <input type="checkbox"/> NO		Setting depth shoe (ft.):			
Hrs. waiting on cement before drill-out:		Calculated top of cement (ft.):		Cementing date:	
SLURRY					
Slurry No.	No. of Sacks	Class	Additives	Volume (cu. ft.)	Height (ft.)
1					
2					
3					
Total	0			0	0
III. CASING CEMENTING DATA					
Type of casing: <input type="checkbox"/> Surface <input type="checkbox"/> Intermediate <input type="checkbox"/> Production <input type="checkbox"/> Tapered production <input type="checkbox"/> Multi-stage cement/DV tool <input type="checkbox"/> Multiple parallel strings					
Drilled hole size (in.):		Depth of drilled hole (ft.):		Est. % wash-out or hole enlargement:	
Size of casing in O.D. (in.):		Casing weight (lbs/ft) and grade:		No. of centralizers used:	
Tapered string drilled hole size (in.)		Tapered string depth of drilled hole (ft.)			
Upper: Lower:		Upper: Lower:			
Tapered string size of casing in O.D. (in.)		Tapered string casing weight(lbs/ft) and grade		Tapered string no. of centralizers used	
Upper: Lower:		Upper: Lower:		Upper: Lower:	
Was cement circulated to ground surface (or bottom of cellar) outside casing? <input type="checkbox"/> YES <input type="checkbox"/> NO		Setting depth tool (ft.):			
Hrs. waiting on cement before drill-out:		Calculated top of cement (ft.):		Cementing date:	
SLURRY					
Slurry No.	No. of Sacks	Class	Additives	Volume (cu. ft.)	Height (ft.)
1					
2					
3					
Total	0			0	0



## CEMENTING TO SQUEEZE, PLUG BACK OR PLUG AND ABANDON

	PLUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7
Cementing Date							
Size of hole or pipe (in.)							
Depth to bottom of tubing or drill pipe (ft.)							
Cement retainer setting depth (ft.)							
CIBP setting depth (ft.)							
Amount of cement on top of CIBP (ft.)							
Sacks of cement used							
Slurry volume pumped (cu. ft.)							
Calculated top of plug (ft.)							
Measured top of plug, if tagged (ft.)							
Slurry weight (lbs/gal)							
Class/type of cement							
Perforate and squeeze (YES/NO)							

## REMARKS

(907165831) LEAD SLURRY: NEOCEM / TAIL: NEOCEM  
DID NOT CIRCULATE CEMENT BACK TO SURFACE

CEMENTER'S CERTIFICATE: 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.

MANUEL DOMINGUEZ SS II

Halliburton

Name and title of cementer's representative

Cementing Company

Signature

1301 W. Webb St.

Brownfield, Tx, 79316

575-392-0700

6/2/2021

Address

City, State, Zip Code

Tel: Area Code

Number

Date: mo. day yr.

OPERATOR'S CERTIFICATE: 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.

BAILEY BLACK

PROJECT MANAGER

Bailey Black

Typed or printed name of operator's representative

Title

Signature

15727 ANTHEM PKWY STE 501 SAN ANTONIO, TX 78249

580-504-3894

02/17/2022

Address

City, State, Zip Code

Tel: Area Code

Number

Date: mo. day yr.

## Instructions for Form W-15, Cementing Report

NOTICE: The Form W-15 must be submitted as an attachment to a Form G-1 (Gas Well Back Pressure Test, Completion or Recompletion Report, and Log), Form W-2 (Oil Well Potential Test, Completion or Recompletion Report, and Log), Form W-3 (Plugging Record), or Form W-4 (Application for Multiple Completion), any time cement is pumped in a wellbore.

- A. **What to file:** An operator should file an original and one copy of the completed Form W-15 for each cementing company used on a well. The cementing of different casing strings on a well by one cementing company may be reported on one form.  
The Form W-15 should be filed with the Form W-3, Plugging Record, unless the Form W-3 is signed by the cementing company representative. When reporting dry holes, operators must complete Form W-15, in addition to Form W-3, to show any casing cemented in the hole.
- B. **How to file:** An oil and gas completion report and Form W-15 may be filed online using the Commission's Online System (<https://webapps.rrc.state.tx.us/security/login.do>) or a paper copy of the form may be mailed to the Commission in Austin (P.O. Box 12967, Austin, Texas 78711-2967).
- C. **Surface casing:** An operator must set and cement sufficient surface casing to protect all usable-quality water strata, as defined by the Groundwater Advisory Unit in Austin. Sufficient cement shall be used to fill the annular space outside the casing from the shoe to the ground surface or to the bottom of the cellar. Before drilling a well, an operator must obtain a letter from the Groundwater Advisory Unit stating the protection depth. Surface casing should not be set deeper than 200 feet below the specified depth without prior approval from the Commission.  
To plug and abandon a well, operators must use only cementers approved by the Commission's Director of Field Operations in accordance with SWR 14 ([http://info.sos.state.tx.us/pls/pub/readtac\\$ext.TacPage?sl=R&app=9&p\\_dir=&p\\_rloc=&p\\_tloc=&p\\_ploc=&pg=1&p\\_tac=&ti=16&pt=1&ch=3&rl=14](http://info.sos.state.tx.us/pls/pub/readtac$ext.TacPage?sl=R&app=9&p_dir=&p_rloc=&p_tloc=&p_ploc=&pg=1&p_tac=&ti=16&pt=1&ch=3&rl=14)). Cementing companies, service companies, or operators can qualify as approved cementers by demonstrating that they are able to mix and pump cement in compliance with Commission rules and regulations.
- D. **Estimated % wash-out:** If the estimated % wash-out is less than 20% (or 30% along the Gulf Coast), provide supporting documentation such as a caliper log to show how the estimated % wash-out was obtained.
- E. **Multi-stage cement:** An operator must report the multi-stage cement shoe in II. Casing Cementing Data section by selecting the type of casing and Multi-stage cement shoe. The operator must report the multi-stage cement tool in III. Casing Cementing Data section by selecting the type of casing and Multi-stage cement/DV tool.
- F. **Multiple parallel strings:** An operator should file the Form W-15 as an attachment to the Form W-4, Application for Multiple Completion. An operator may be required to submit multiple Form W-15s to show all data for multiple parallel strings.
- G. **Slurry data:** If cement job exceeds three slurries, continue the list of slurries in the Slurry table in the subsequent Casing Cementing Data box.





## RAILROAD COMMISSION OF TEXAS

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

Form W-15

Rev. 08/2014

## CEMENTING REPORT

Cementer: Fill in shaded areas.  
Operator: Fill in other items

## OPERATOR INFORMATION

Operator Name: FORGE ENERGY LLC-EBUS	Operator P-5 No.: 276873
Cementer Name: HALLIBURTON ENERGY SERVICES	Cementer P-5 No.: 347151

## WELL INFORMATION

District No.: 08		County: WARD	
Well No.: 1207H		API No.: 42-475-38194	Drilling Permit No.: 869091
Lease Name: UNIVERSITY 18-3-14 W A 7		Lease No.:	
Field Name: PHANTOM (WOLFCAMP)		Field No.: 71052900	

## I. CASING CEMENTING DATA

Type of casing: <input type="checkbox"/> Conductor <input type="checkbox"/> Surface <input type="checkbox"/> Intermediate <input type="checkbox"/> Liner <input checked="" type="checkbox"/> Production					
Drilled hole size (in.): 6.75"		Depth of drilled hole (ft.): 21658		Est. % wash-out or hole enlargement:	
Size of casing in O.D. (in.): 5.5"		Casing weight (lbs/ft) and grade: 20#/P-110		No. of centralizers used: 0	
Was cement circulated to ground surface (or bottom of cellar) outside casing? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO If no for surface casing, explain in Remarks.			Setting depth shoe (ft.): 21658		Top of liner (ft.):
					Setting depth liner (ft.):
Hrs. waiting on cement before drill-out:		Calculated top of cement (ft.): 31		Cementing date: 6/20/2021	
SLURRY					
Slurry No.	No. of Sacks	Class	Additives	Volume (cu. ft.)	Height (ft.)
1	1260	PREMIUM PLUS/POZMIX	REMARKS	1701	19376
2					
Total	1260			1701	19376

## II. CASING CEMENTING DATA

Type of casing: <input type="checkbox"/> Surface <input type="checkbox"/> Intermediate <input type="checkbox"/> Production <input type="checkbox"/> Tapered production <input type="checkbox"/> Multi-stage cement shoe <input type="checkbox"/> Multiple parallel strings					
Drilled hole size (in.):		Depth of drilled hole (ft.):		Est. % wash-out or hole enlargement:	
Size of casing in O.D. (in.):		Casing weight (lbs/ft) and grade:		No. of centralizers used:	
Tapered string drilled hole size (in.)		Tapered string depth of drilled hole (ft.)			
Upper:	Lower:	Upper:	Lower:		
Tapered string size of casing in O.D. (in.)		Tapered string casing weight (lbs/ft) and grade		Tapered string no. of centralizers used	
Upper:	Lower:	Upper:	Lower:	Upper:	Lower:
Was cement circulated to ground surface (or bottom of cellar) outside casing? <input type="checkbox"/> YES <input type="checkbox"/> NO				Setting depth shoe (ft.):	
Hrs. waiting on cement before drill-out:		Calculated top of cement (ft.):		Cementing date:	
SLURRY					
Slurry No.	No. of Sacks	Class	Additives	Volume (cu. ft.)	Height (ft.)
1					
2					
3					
Total	0			0	0

## III. CASING CEMENTING DATA

Type of casing: <input type="checkbox"/> Surface <input type="checkbox"/> Intermediate <input type="checkbox"/> Production <input type="checkbox"/> Tapered production <input type="checkbox"/> Multi-stage cement/DV tool <input type="checkbox"/> Multiple parallel strings					
Drilled hole size (in.):		Depth of drilled hole (ft.):		Est. % wash-out or hole enlargement:	
Size of casing in O.D. (in.):		Casing weight (lbs/ft) and grade:		No. of centralizers used:	
Tapered string drilled hole size (in.)		Tapered string depth of drilled hole (ft.)			
Upper:	Lower:	Upper:	Lower:		
Tapered string size of casing in O.D. (in.)		Tapered string casing weight (lbs/ft) and grade		Tapered string no. of centralizers used	
Upper:	Lower:	Upper:	Lower:	Upper:	Lower:
Was cement circulated to ground surface (or bottom of cellar) outside casing? <input type="checkbox"/> YES <input type="checkbox"/> NO				Setting depth tool (ft.):	
Hrs. waiting on cement before drill-out:		Calculated top of cement (ft.):		Cementing date:	
SLURRY					
Slurry No.	No. of Sacks	Class	Additives	Volume (cu. ft.)	Height (ft.)
1					
2					
3					
Total	0			0	0



## CEMENTING TO SQUEEZE, PLUG BACK OR PLUG AND ABANDON

	PLUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7
Cementing Date							
Size of hole or pipe (in.)							
Depth to bottom of tubing or drill pipe (ft.)							
Cement retainer setting depth (ft.)							
CIBP setting depth (ft.)							
Amount of cement on top of CIBP (ft.)							
Sacks of cement used							
Slurry volume pumped (cu. ft.)							
Calculated top of plug (ft.)							
Measured top of plug, if tagged (ft.)							
Slurry weight (lbs/gal)							
Class/type of cement							
Perforate and squeeze (YES/NO)							

## REMARKS

ADDITIVES: .30% HALAD-344, .50% HR-601. SO 907165832

CEMENTER'S CERTIFICATE: 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.

FELICIANO VALVERDE SSII

Halliburton

*Fernando R. Valverde*

Name and title of cementer's representative

Cementing Company

Signature

1301 W. Webb St.

Brownfield, Tx, 79316

575-392-0700

6/20/2021

Address

City, State, Zip Code

Tel: Area Code

Number

Date: mo. day yr.

OPERATOR'S CERTIFICATE: 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.

BAILEY BLACK

PROJECT MANAGER

*Bailey Black*

Typed or printed name of operator's representative

Title

Signature

15727 ANTHEM PKWY STE 501 SAN ANTONIO, TX 78249

580-504-3894

02/17/2022

Address

City, State, Zip Code

Tel: Area Code

Number

Date: mo. day yr.

## Instructions for Form W-15, Cementing Report

NOTICE: The Form W-15 must be submitted as an attachment to a Form G-1 (Gas Well Back Pressure Test, Completion or Recompletion Report, and Log), Form W-2 (Oil Well Potential Test, Completion or Recompletion Report, and Log), Form W-3 (Plugging Record), or Form W-4 (Application for Multiple Completion), any time cement is pumped in a wellbore.

- A. **What to file:** An operator should file an original and one copy of the completed Form W-15 for each cementing company used on a well. The cementing of different casing strings on a well by one cementing company may be reported on one form.

The Form W-15 should be filed with the Form W-3, Plugging Record, unless the Form W-3 is signed by the cementing company representative. When reporting dry holes, operators must complete Form W-15, in addition to Form W-3, to show any casing cemented in the hole.

- B. **How to file:** An oil and gas completion report and Form W-15 may be filed online using the Commission's Online System (<https://webapps.rrc.state.tx.us/security/login.do>) or a paper copy of the form may be mailed to the Commission in Austin (P.O. Box 12967, Austin, Texas 78711-2967).

- C. **Surface casing:** An operator must set and cement sufficient surface casing to protect all usable-quality water strata, as defined by the Groundwater Advisory Unit in Austin. Sufficient cement shall be used to fill the annular space outside the casing from the shoe to the ground surface or to the bottom of the cellar. Before drilling a well, an operator must obtain a letter from the Groundwater Advisory Unit stating the protection depth. Surface casing should not be set deeper than 200 feet below the specified depth without prior approval from the Commission.

To plug and abandon a well, operators must use only cementers approved by the Commission's Director of Field Operations in accordance with SWR 14 ([http://info.sos.state.tx.us/pls/pub/readtacSext.TacPage?sl=R&app=9&p\\_dir=&p\\_rloc=&p\\_tloc=&p\\_ploc=&pg=1&p\\_tac=&ti=16&pt=1&ch=3&rl=14](http://info.sos.state.tx.us/pls/pub/readtacSext.TacPage?sl=R&app=9&p_dir=&p_rloc=&p_tloc=&p_ploc=&pg=1&p_tac=&ti=16&pt=1&ch=3&rl=14)). Cementing companies, service companies, or operators can qualify as approved cementers by demonstrating that they are able to mix and pump cement in compliance with Commission rules and regulations.

- D. **Estimated % wash-out:** If the estimated % wash-out is less than 20% (or 30% along the Gulf Coast), provide supporting documentation such as a caliper log to show how the estimated % wash-out was obtained.
- E. **Multi-stage cement:** An operator must report the multi stage cement shoe in II. Casing Cementing Data section by selecting the type of casing and Multi stage cement shoe. The operator must report the multi-stage cement tool in III. Casing Cementing Data section by selecting the type of casing and Multi-stage cement/DV tool.
- F. **Multiple parallel strings:** An operator should file the Form W-15 as an attachment to the Form W-4, Application for Multiple Completion. An operator may be required to submit multiple Form W-15s to show all data for multiple parallel strings.
- G. **Slurry data:** If cement job exceeds three slurries, continue the list of slurries in the Slurry table in the subsequent Casing Cementing Data box.



CHRISTI CRADDICK, CHAIRMAN  
WAYNE CHRISTIAN, COMMISSIONER  
JIM WRIGHT, COMMISSIONER



DANNY SORRELLS  
DIRECTOR, OIL AND GAS DIVISION  
JEFFERY MORGAN  
DISTRICT DIRECTOR

**RAILROAD COMMISSION OF TEXAS**

**OIL AND GAS DIVISION**

<b>OPERATOR Name:</b>	FORGE ENERGY OPERATING, LLC	<b>RE: Lease:</b>	UNIVERSITY 18-3-14 WA7		
<b>Address1:</b>	15727 ANTHEM PKWY	<b>Well No:</b>	1207H		
<b>Address2:</b>	STE 501	<b>Sec:</b>	3	<b>Block:</b>	18
<b>City:</b>	SAN ANTONIO	<b>County:</b>	WARD	<b>Survey Name:</b>	UL
<b>State:</b>	TX				

**SWR13EX Application Number:** 95990 **Drilling Permit No:** 869091

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

The Proposed Casing and Cementing Program submitted for **LEASE** UNIVERSITY 18-3-14 WA7 ;  
**WELL** 1207H has been approved by the Railroad Commission of Texas District Office.

- 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.
- 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.
- 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.
- The casing and cement program shall adhere to the following specifications:

Set 5067 feet of surface casing with a multistage tool set at a depth of not less than 850 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.

Penetration into the Delaware Mtn Group (DMG) is not allowed and shall not be penetrated while drilling surface casing. The shoe must be set before the DMG in the Lamar Formation. Please notify the Midland District Office immediately if any gas, H2S 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 05/06/2021 .  
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: Ryne Smith

DATE: 05/12/2021

JEFFERY MORGAN

DISTRICT DIRECTOR



Tracking No.: 258739

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: FORGE ENERGY OPERATING, LLC	District No. 08	Completion Date: 06/21/2021
Field Name PHANTOM (WOLFCAMP)	Drilling Permit No. 869091	
Lease Name UNIVERSITY 18-3-14 WA7	Lease/ID No.	Well No. 1207H
County WARD	API No. 42- 475-38194	

## 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). \_\_\_\_\_

Bailey Black

Signature

FORGE ENERGY OPERATING, LLC

Name (print)

Project Manager

Title

(580) 504-3894

Phone

01/11/2022

Date

-FOR RAILROAD COMMISSION USE ONLY-



Aim Directional Services

University 18-3-14 WA7 #1207H

Scale 1":100' - MD

6/21/2021 11:54 AM

**Oper. Company:** Forge Energy Operating, LLC  
**Well:** University 18-3-14 WA7 #1207H  
**Field:** Phantom (Wolfcamp)  
**Rig:** H&P 462  
**Well ID:** 42-475-38194  
**Job Number:** WT-21-009

**State:** Texas  
**County:** Ward  
**Country:** USA  
**Location:** Pyote  
**Start Date:** 05/27/2021 11:30:00  
**End Date:** 06/17/2021 14:15:00

**Latitude:** 31.574605  
**Longitude:** -103.217635

**Elev GL:** 2701  
**Elev DF:** 2727  
**Elev KB:** 26

**Operator 1:** Kyle Novosad**Operator 2:** Pete Bustamante

Tool Run Data	Run #1	Run #2	Run #3	Run #4	Run #5
Tool S/N	G-051	G-059	G-073	G-093	G-045
Bit Size	8 3/4	8 3/4	6 3/4	6 3/4	6 3/4
Cal Factor	4.418	4.476	3.481	3.472	2.756
Survey Offset	70.00	70.00	69.00	79.00	73.00
Gamma Offset	55.00	55.00	54.00	64.00	58.00
Resistivity Offset	0.00	0.00	0.00	0.00	0.00
Start Depth	5200.00	8969.00	10853.00	14938.00	21012.00
StartDate	5/27/2021	5/30/2021	6/3/2021	6/7/2021	6/14/2021
StartTime	23:30	11:00	02:30	12:00	19:00
EndDepth	8969.00	10853.00	14938.00	21012.00	21675.00
EndDate	5/30/2021	6/1/2021	6/7/2021	6/13/2021	6/17/2021
EndTime	10:00	09:00	10:30	15:00	14:15
Mud Type	Brine	Brine	OBM	OBM	OBM
Mud Weight	9.2	9.2	13.1	12.9	13.10
Funnel Viscosity	27	29	88	79	98
Plastic Viscosity	1	1	39	32	37
Yield Point	3	3	12	12	11
Gel Strength	3	3	9	13	9
Solids Content	1.16	1.07	6.8	7.7	8.7
Sand Content	TRC	TRC	TRC	TRC	TRC
Mud Alkalinity	1.3	1.1	N/A	N/A	N/A
Filtrate Alkalinity	0.1	0.1	N/A	N/A	N/A
Chlorides	90,500	75,000	28000	59660	36000
Temperature	133 °F	147 °F	183 °F	219 °F	210 °F
Hole Data			Casing Data		
Size	From	To	Size	From	To
12 1/4	0.00	5088.00	9 5/8	0.00	5088.00
8 3/4	5088.00	10853.00	7 5/8	0.00	10830.00
6 3/4	10853.00	21675.00			

All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not except in the case of gross or willful negligence on our part, be liable or responsible for any loss, cost damages or expenses incurred or sustained by anyone resulting from an interpretation made by any of our officers, agents, or employees.

0.00 Gamma(API) 150.00 MD 0.00 ROP(FT/HR) 300.00 Surveys (MD/INC/AZ/TVD/VS/DLS)  
150.00 300.00 FT 300.00 600.00  
0.00 TEMP(degF) 300.00



MD: 5220.00 INC: 11.60 AZ: 152.14 TVD: 5125.67 VS: -200.44 DLS: 1.74



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.: 258739

1. Field name exactly as shown on proration schedule <b>PHANTOM (WOLFCAMP)</b>		2. Lease name as shown on proration schedule <b>UNIVERSITY 18-3-14 WA7</b>					
3. Current operator name exactly as shown on P-5 Organization Report <b>FORGE ENERGY OPERATING, LLC</b>		4. Operator P-5 no. <b>276873</b>	5. Oil Lse/Gas ID no	6. County <b>WARD</b>	7. RRC district <b>08</b>		
8. Operator address including city, state, and zip code <b>15727 ANTHEM PKWY STE 501 SAN ANTONIO, TX 78249</b>		9. Well no(s) (see instruction E) <b>1207H</b>			11. Effective Date <b>06/21/2021</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: _____ Docket #: _____ <input type="checkbox"/> lease name from: _____ <hr/> <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 <input type="checkbox"/> unitization <input type="checkbox"/> field transfer <input type="checkbox"/> 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	BRAZOS MIDSTREAM OPERATING, LLC(089903)			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	
GIBSON ENERGY MARKETING, LLC(302773)						100.0	
<b>RRC USE ONLY:</b> Reviewer's initials: _____ Approval date: _____							
<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.  <div style="display: flex; justify-content: space-between;"><div style="width: 45%;"><div style="border-bottom: 1px solid black; margin-bottom: 5px;">Name of Previous Operator</div><div style="border-bottom: 1px solid black; margin-bottom: 5px;">Name (print)</div><div style="border-bottom: 1px solid black; margin-bottom: 5px;">Title</div></div><div style="width: 45%;"><div style="border-bottom: 1px solid black; margin-bottom: 5px;">Signature</div><div style="display: flex; justify-content: space-between;"><div style="width: 45%;"><input type="checkbox"/> <b>Authorized Employee of previous operator</b></div><div style="width: 45%;"><input type="checkbox"/> <b>Authorized agent of previous operator (see instruction G)</b></div></div><div style="display: flex; justify-content: space-between;"><div style="width: 45%;"><div style="border-bottom: 1px solid black; margin-bottom: 5px;">Date</div></div><div style="width: 45%;"><div style="border-bottom: 1px solid black; margin-bottom: 5px;">Phone with area code</div></div></div></div></div>							
<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.  <div style="display: flex; justify-content: space-between;"><div style="width: 45%;"><div style="border-bottom: 1px solid black; margin-bottom: 5px;">FORGE ENERGY OPERATING, LLC</div><div style="border-bottom: 1px solid black; margin-bottom: 5px;">Name (print) Project Manager</div><div style="border-bottom: 1px solid black; margin-bottom: 5px;">Title bailey.black@flatrockenergy.com</div><div style="border-bottom: 1px solid black; margin-bottom: 5px;">E-mail Address (optional)</div></div><div style="width: 45%;"><div style="border-bottom: 1px solid black; margin-bottom: 5px;">Bailey Black</div><div style="display: flex; justify-content: space-between;"><div style="width: 45%;"><div style="border-bottom: 1px solid black; margin-bottom: 5px;">Signature</div><div style="display: flex; justify-content: space-between;"><div style="width: 45%;"><input checked="" type="checkbox"/> <b>Authorized Employee of current operator</b></div><div style="width: 45%;"><input type="checkbox"/> <b>Authorized agent of current operator (see instruction G)</b></div></div><div style="display: flex; justify-content: space-between;"><div style="width: 45%;"><div style="border-bottom: 1px solid black; margin-bottom: 5px;">01/11/2022</div><div style="border-bottom: 1px solid black; margin-bottom: 5px;">Date</div></div><div style="width: 45%;"><div style="border-bottom: 1px solid black; margin-bottom: 5px;">(580) 504-3894</div><div style="border-bottom: 1px solid black; margin-bottom: 5px;">Phone with area code</div></div></div></div></div></div></div>							

## GROUNDWATER PROTECTION DETERMINATION

Form GW-2



## Groundwater Advisory Unit

**Date Issued:** 06 May 2021**GAU Number:** 305249**Attention:** FORGE ENERGY OPERATING,  
15727 ANTHEM PKWY  
SAN ANTONIO, TX 78249**Operator No.:** 276873**API Number:** 47538194**County:** WARD**Lease Name:** UNIVERSITY 18-3-14 WA7**Lease Number:****Well Number:** 1207H**Total Vertical** 11400**Latitude:** 31.574604**Longitude:** -103.217637**Datum:** NAD27**Purpose:** New Production Well**Location:** Survey-UL; Abstract-U82; Block-18; Section-3

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 700 feet at the site of the referenced well.

This recommendation is applicable to all wells within a radius of 200 feet of this location.

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 05/05/2021. 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

GENERAL NOTES

- COORDINATES SHOWN ARE BASED ON TEXAS PLANE COORDINATE SYSTEM OF NAD 27, TEXAS CENTRAL ZONE 4203.
- VERTICAL DATUM IS NAVD 88
- LATITUDE AND LONGITUDE ARE NAD 27 AS SHOWN
- AREA, DISTANCES, AND COORDINATES ARE "GRID".
- UNITS ARE UNITED STATES SURVEY FOOT.
- ALL LEASE AND TRACT INFORMATION SHOWN HERE ON IS DONE SO BY LIMITED DEED RECORD INFORMATION ONLY. ALL ACREAGES SHOWN ARE BY DEED AND LEASE CALL, EXCEPT WHERE NOTED. THIS IS NOT IN ANY WAY A "BOUNDARY SURVEY".

UNIVERSITY LAND  
SECTION 13, BLOCK 18

UNIVERSITY LAND  
SECTION 4, BLOCK 18

UNIVERSITY LAND  
SECTION 3, BLOCK 18

UNIVERSITY LAND  
SECTION 14, BLOCK 18

UNIVERSITY LAND  
SECTION 36, BLOCK 17

LINE	BEARING	DISTANCE
L1	SHL TO FTP	2113.04'
L2	FTP TO TRACT	5181.75'
L3	TRACT TO TRACT	2641.16'
L4	TRACT TO LTP	2541.08'
L5	LTP TO BHL	55.17'

SURFACE HOLE LOCATION  
UNIVERSITY 18-3-14 WA7 1207H  
ELEV. = 2,701'

UNIVERSITY LAND  
SECTION 37, BLOCK 17

WELL LOCATION INFORMATION:

<b>SURFACE HOLE LOCATION:</b> NAD 83, TEXAS CENTRAL ZONE Y = 10,548,121.53, X = 1,398,323.92 LAT: 31.574736°N, LONG: 103.218080°W SHL: 508' FEL & 2513' FSL SHL: 508' FELL & 2513' FSLL	<b>LAST TAKE POINT:</b> NAD 83, TEXAS CENTRAL ZONE Y = 10,543,259.78, X = 1,389,374.01 LAT: 31.560734°N, LONG: 103.246401°W LTP: 100' FWLL & 355' FSLL
<b>FIRST TAKE POINT:</b> NAD 83, TEXAS CENTRAL ZONE Y = 10,546,246.16, X = 1,399,297.80 LAT: 31.569652°N, LONG: 103.214798°W FTP: 100' FELL & 439' FSLL	<b>BHL LOCATION:</b> NAD 83, TEXAS CENTRAL ZONE Y = 10,543,249.43, X = 1389319.82 LAT: 31.560702°N, LONG: 103.246574°W BHL: 45' FWL & 361' FSL BHL: 45' FWLL & 361' FSLL
<b>DATE:</b> 07-12-2021 <b>DRAWN BY:</b> MC <b>CHECKED BY:</b> HR/SZC <b>FIELD CREW:</b> DN <b>PROJECT NO:</b> 2021030347 <b>SCALE:</b> 1" = 1000' <b>SHEET:</b> 1 OF 1 <b>REVISION:</b> 0	<b>DATE:</b> 07-12-2021 <b>DRAWN BY:</b> MC <b>CHECKED BY:</b> HR/SZC <b>FIELD CREW:</b> DN <b>PROJECT NO:</b> 2021030347 <b>SCALE:</b> 1" = 1000' <b>SHEET:</b> 1 OF 1 <b>REVISION:</b> 0

UNIVERSITY LANDS  
SECTION 19, BLOCK 18

TRACT	UL LEASE	LATERAL LENGTH
1	42936	5181.16'
2	42932	2640.89'
3	82682	2540.89'
TOTAL		10362.94'

UNIVERSITY LANDS  
SECTION 2, BLOCK 18



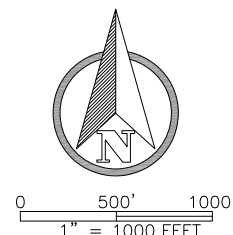
DRIVING DIRECTIONS TO LOCATION:  
FROM THE INTERSECTION OF RANCH ROAD 2355 (3RD STREET) AND PYOTE STREET IN PYOTE, TEXAS, HEAD NORTHWEST ON RANCH ROAD 2355 AND GO APPROX. 6.2 MILES. TURN LEFT (SOUTHWEST) ONTO LEASE ROAD AND GO APPROX. 0.1 MILES. THE LOCATION WILL BE TO THE RIGHT (WEST).

**FSC INC**  
SURVEYORS+ENGINEERS  
550 Bailey Ave., 205 - Fort Worth, TX 76107  
Ph: 817.349.9800 - Fax: 979.732.5271  
TBPE Firm 17957 | TBPLS Firm 10193887  
www.fscinc.net

UNIVERSITY LANDS  
SECTION 15, BLOCK 18

PLAT OF:  
AN AS-DRILLED WELL LOCATION FOR:  
**FORGE ENERGY OPERATING, LLC**  
API 42-475-38194  
UNIVERSITY 18-3-14 WA7 1207H

SITUATED IN SECTIONS 3 AND 14, BLOCK 18 OF THE UNIVERSITY LAND SURVEY, AND LOCATED APPROX. 6.1 MILES NORTHWEST OF PYOTE, IN WARD COUNTY, TEXAS.



I HEREBY STATE THAT THIS PLAT SHOWS THE SUBJECT WELL LOCATION AS STAKED ON THE GROUND.

PRELIMINARY, THIS DOCUMENT SHALL NOT BE RECORDED FOR ANY PURPOSE AND SHALL NOT BE USED OR VIEWED OR RELIED UPON AS A FINAL SURVEY DOCUMENT

SERGIO Z. CANALES  
REGISTERED PROFESSIONAL LAND SURVEYOR  
STATE OF TEXAS NO. 6040