



Railroad Commission of Texas

Form W-2

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

Status: Approved  
Date: 09/08/2022  
Tracking No.: 273021

OIL WELL POTENTIAL TEST, COMPLETION OR RECOMPLETION REPORT,

Operator Information			
Operator	PERCUSSION PETROLEUM OPER II,LLC	Operator	653216
Operator	1001 FANNIN STREET STE 2200 HOUSTON, TX 77002-		

Well Information			
API	42-475-38139	County:	WARD
Well No.:	1H	RRC District	08
Lease	UL JEFF EAST A 17-27-5 WA	Field	PHANTOM (WOLFCAMP)
RRC Lease	57385	Field No.:	71052900
Location	Section: 27, Block: 17, Survey: UL, Abstract: U66		
Latitude	31.602915	Longitud	-103.208663
This well is 7.9 miles in a NW direction from PYOTE, which is the nearest town in the			

Filing Information			
Purpose of	Initial Potential		
Type of	New Well		
Well Type:	Producing	Completion or Recompletion	04/15/2022
Type of Permit	Date	Permit No.	
Permit to Drill, Plug Back, or Rule 37 Exception	07/12/2021	863226	
Fluid Injection			
O&G Waste Disposal			
Other:			

Completion Information			
Spud	09/08/2021	Date of first production after rig	04/15/2022
Date plug back, deepening, drilling operation	09/08/2021	Date plug back, deepening, recompletion, drilling operation	11/12/2021
Number of producing wells on this lease this field (reservoir) including this	3	Distance to nearest well in lease & reservoir	707.0
Total number of acres in	961.05	Elevation	2681 GR
Total depth TVD	11336	Total depth MD	21701
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)	95.0 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	893.0 Feet from the 14.0 Feet from the	Off Lease :	Yes
UL JEFF EAST A 17-27-5 WA 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	1000.0	Date 07/12/2021
SWR 13 Exception	Depth	5100.0	

INITIAL POTENTIAL TEST DATA FOR NEW COMPLETION OR RECOMPLETION			
Date of	05/05/2022	Production	Flowing
Number of hours	24	Choke	48
Was swab used during this	No	Oil produced prior to	13997.00
PRODUCTION DURING TEST PERIOD:			
Oil	1319.00	Gas	1797
Gas - Oil	1362	Flowing Tubing	2068.00
Water	4930		
CALCULATED 24-HOUR RATE			
Oil	1319.0	Gas	1797
Oil Gravity - API - 60.:	42.0	Casing	869.00
Water	4930		

CASING RECORD											
<u>Ro</u>	<u>Type of Casing</u>	<u>Casing Size (in.)</u>	<u>Hole Size</u>	<u>Setting Depth</u>	<u>Multi - Stage Tool</u>	<u>Multi - Stage Shoe</u>	<u>Cement Class</u>	<u>Cement Amoun</u>	<u>Slurry Volume (cu.)</u>	<u>Top of Cement (ft.)</u>	<u>TOC Determined By</u>
1	Surface	10 3/4	12 1/4	1163	1163		C	1452	1931.1	0	Circulated to Surface
2	Intermediate	7 5/8	9 7/8	10822			C	930	3002.7	4932	Calculation
3	Intermediate	7 5/8	9 7/8	4932	4932		C	445	1346.6	0	Circulated to Surface

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	5 1/2	6 3/4	10590	21701	H	955	1165.0	9026	Calculation

TUBING RECORD			
<u>Ro</u>	<u>Size (in.)</u>	<u>Depth</u>	<u>Size (ft.)</u>
1	2 3/8	11363	
		<u>Packer Depth (ft.)/Type</u>	
		/ NO PACKER	

PRODUCING/INJECTION/DISPOSAL INTERVAL			
<u>Ro</u>	<u>Open hole?</u>	<u>From (ft.)</u>	<u>To (ft.)</u>
1	No	L1 11605	21606.0

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	11492.0
Production casing test pressure (PSIG) hydraulic fracturing	13000	Actual maximum pressure (PSIG) during fracturin	12403
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	No			No	NOT IN THIS AREA
YATES	No			No	NOT IN THIS AREA
SEVEN RIVERS	No			No	NOT IN THIS AREA
QUEEN	No			No	NOT IN THIS AREA
CAPITAN REEF - HIGH FLOWS	No			No	NOT IN THIS AREA
SAN ANDRES - HIGH FLOWS, H2S, CORROSIVE	No			No	NOT IN THIS AREA
DELAWARE	Yes	5004.0	5034.0	Yes	
GLORIETA	No			No	NOT IN THIS AREA
HOLT	No			No	NOT IN THIS AREA
CLEARFORK	No			No	NOT IN THIS AREA
TUBB	No			No	NOT IN THIS AREA
CHERRY CANYON	Yes	5904.0	5935.0	Yes	
BONE SPRING	Yes	8547.0	8579.0	Yes	
WICHITA ALBANY	No			No	NOT IN THIS AREA
WOLFCAMP	Yes	11277.0	11442.0	Yes	TD-PRODUCING ZONE
PENNSYLVANIAN	No			No	BELOW TD
ATOKA	No			No	BELOW TD
DEVONIAN	No			No	BELOW TD
FUSSELMAN	No			No	BELOW TD
MONTOYA	No			No	BELOW TD
WADDELL	No			No	BELOW TD
ELLENBURGER	No			No	BELOW TD
PRECAMBRIAN (UNDIFFERENTIATED)	No			No	BELOW TD
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

KOP-10796

RRC REMARKS	
<b>PUBLIC COMMENTS:</b>  [RRC Staff 2022-07-20 16:01:38.251] EDL=10000 feet, max acres=704, PHANTOM (WOLFCAMP) oil or gas well, take points: 11605-21606 feet MD, API No. 475-38139	
<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	Karen Zornes	Title:	
Telephone	(281) 872-9300	Date	07/07/2022





# 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: Percussion Petroleum OPER. II, LLC			Operator P-5 No.: 653216		
Cementer Name: West Texas Cementers			Cementer P-5 No.: 910261		
WELL INFORMATION					
District No.: 08			County: Ward		
Well No.: 1H			API No.: 42-475-38139		Drilling Permit No.: 863226
Lease Name: UL JEFF EAST A 17-27-5 WA			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 type="checkbox"/> Production
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:		
Was cement circulated to ground surface (or bottom of cellar) outside casing? <input type="checkbox"/> YES <input type="checkbox"/> NO If no for surface casing, explain in Remarks.			Setting depth shoe (ft.):	Top of liner (ft.):	
			Setting depth liner (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
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? YES <input type="checkbox"/> NO <input type="checkbox"/>			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 checked="" type="checkbox"/> Surface	<input type="checkbox"/> Intermediate	<input type="checkbox"/> Production	<input checked="" type="checkbox"/> Tapered production	<input type="checkbox"/> Multi-stage cement/DV tool <input type="checkbox"/> Multiple parallel strings
Drilled hole size (in.): 12 1/4	Depth of drilled hole (ft.): 5016		Est. % wash-out or hole enlargement: 76%		
Size of casing in O.D. (in.): 10 3/4	Casing weight (lbs/ft) and grade: 45.5# J-55		No. of centralizers used: 36		
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? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>			Setting depth shoe (ft.): 1163		
Hrs. waiting on cement before drill-out: 24+		Calculated top of cement (ft.): SURFACE		Cementing date: 9/12/2021	
SLURRY					
Slurry No.	No. of Sacks	Class	Additives	Volume (cu. ft.)	Height (ft.)
1	1452	CLASS C	NEAT	1931.1	10268
2					
3					
Total	1452			1931.1	10268



## 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

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.

BALDEMAR ALCANTAR SERVICE SUPERVISOR

Name and title of cementer's representative

West Texas Cementers

Cementing Company



Signature

1400 S. JBS PARKWAY ODESSA, TX. 79766

Address

City, State, Zip Code

432-888-0413

Tel: Area Code

Number

9/12/2021

Date: mo. day yr.

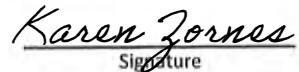
OPERATOR'S CERTIFICATE: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that I have knowledge of the well data and information presented in this report, and that data and facts presented on both sides of this form are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

KAREN ZORNES

Typed or printed name of operator's representative

REGULATORY CONSULTANT

Title



Signature

911 REGIONAL PARK DR HOUSTON, TX 77060

Address

City, State, Zip Code

281-872-9300

Tel: Area Code

Number

06/30/2022

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 787112967).

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&ri=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&ri=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.





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Form W-15

Rev. 08/2014

## CEMENTING REPORT

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Operator: Fill in other items.

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Cementer Name: West Texas Cementers		Cementer P-5 No.: 910261			
WELL INFORMATION					
District No.: 08		County: Ward			
Well No.: 1H		API No.: 42-475-38139		Drilling Permit No.: 863226	
Lease Name: UL JEFF EAST 17-27-5 WA		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.):	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:		
Was cement circulated to ground surface (or bottom of cellar) outside casing? <input type="checkbox"/> YES <input type="checkbox"/> NO If no for surface casing, explain in Remarks.			Setting depth shoe (ft.):		Top of liner (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
II. CASING CEMENTING DATA					
Type of casing:	<input type="checkbox"/> Surface	<input checked="" type="checkbox"/> Intermediate	<input type="checkbox"/> Production	<input checked="" type="checkbox"/> Tapered production	<input type="checkbox"/> Multi-stage cement shoe <input type="checkbox"/> Multiple parallel strings
Drilled hole size (in.): 9 7/8	Depth of drilled hole (ft.): 10856		Est. % wash-out or hole enlargement: 9%		
Size of casing in O.D. (in.): 7 5/8	Casing weight (lbs/ft) and grade: 29.7 HCL-80		No. of centralizers used: 37		
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? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>			Setting depth shoe (ft.): 10822		
Hrs. waiting on cement before drill-out:		Calculated top of cement (ft.): 4932		Cementing date: 10/21/2021	
SLURRY					
Slurry No.	No. of Sacks	Class	Additives	Volume (cu. ft.)	Height (ft.)
1	800	50/50 H	REMARK 1	2848	12974
2	130	H	REMARK 2	154.7	628
3					
Total	930			3002.7	13602
III. CASING CEMENTING DATA					
Type of casing:	<input type="checkbox"/> Surface	<input checked="" type="checkbox"/> Intermediate	<input type="checkbox"/> Production	<input checked="" type="checkbox"/> Tapered production	<input type="checkbox"/> Multi-stage cement/DV tool <input type="checkbox"/> Multiple parallel strings
Drilled hole size (in.): 9 7/8	Depth of drilled hole (ft.): 10856		Est. % wash-out or hole enlargement: 9%		
Size of casing in O.D. (in.): 7 5/8	Casing weight (lbs/ft) and grade: 29.7 HCL-80		No. of centralizers used: 37		
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? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>			Setting depth shoe (ft.): 4932		
Hrs. waiting on cement before drill-out: 24+		Calculated top of cement (ft.): SURFACE		Cementing date: 10/21/2021	
SLURRY					
Slurry No.	No. of Sacks	Class	Additives	Volume (cu. ft.)	Height (ft.)
1	340	50/50 C	REMARK 3	1207	5410
2	105	C	NONE	139.65	630
3					
Total	445			1346.65	6040



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							
REMARK 1: 50% B Poz+50% Class H+10% Gel+5% SALT+5PPS Plexcrete STE+1.8% SMS+0.5% R-1300+3PPS Gilsonite+0.25PPS Pol-E-Flake							
REMARK 2: 100% Class H+0.2% SMS+0.25% C-20+0.2% C-47B							
REMARK 3: 50% B Poz+50% Class C+10% Gel+5% SALT+5PPS Plexcrete STE+1.5% SMS+0.25% C-20+3PPS Gilsonite+0.25PPS Web Seal							

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.

BENITO RODRIGUEZ SERVICE SUPERVISOR  
Name and title of cementer's representative

West Texas Cementers  
Cementing Company

[Signature]  
Signature

1400 S. J.B.S. PARKWAY  
Address

ODESSA, TEXAS, 77666  
City, State, Zip Code

(432)-227-0010  
Tel: Area Code Number

10/21/2021  
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.

KAREN ZORNES  
Typed or printed name of operator's representative

REGULATORY CONSULTANT  
Title

Karen Zornes  
Signature

911 REGIONAL PARK DR HOUSTON, TX 77060  
Address City, State, Zip Code

2881-872-9300  
Tel: Area Code Number

06/30/2022  
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 787112967).

**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.





# 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: Percussion Petroleum OPER. II, LLC Operator P-5 No.: 653216  
Cementer Name: West Texas Cementers Cementer P-5 No.: 910261

### WELL INFORMATION

District No.: 08 County: Ward  
Well No.: 1H API No.: 42-475-38139 Drilling Permit No.: 863226  
Lease Name: UL JEFF EAST 17-27-5 WA Lease No.:  
Field Name: PHANTOM (WOLFCAMP) Field No.: 71052900

### I. CASING CEMENTING DATA

Type of Casing: ☐ Conductor ☐ Surface ☐ Intermediate ☒ Liner ☐ Production  
Drilled hole size (in.): 6 3/4 Depth of drilled hole (ft.): 21701 Est. % wash-out or hole enlargement: 20%  
Size of casing in O.D. (in.): 5 1/2 Casing weight (lbs/ft) and grade: 23# P-110 No. of centralizers used: 28  
Was cement circulated to ground surface (or bottom of cellar) outside casing? ☐ YES ☒ NO If no for surface casing, explain in Remarks. Setting depth shoe (ft.): Top of liner (ft.): 10590  
Setting depth liner (ft.): 21701  
Hrs. waiting on cement before drill-out: 10+ Calculated top of cement (ft.): 9026 Cementing date: 11/11/2021

#### SLURRY

Slurry No.	No. of Sacks	Class	Additives	Volume (cu. ft.)	Height (ft.)
1	955	50 50 poz H	see remarks	1165	13892
2					
3					
Total	955			1165	13892

### II. CASING CEMENTING DATA

Type of casing: ☐ Surface ☐ Intermediate ☐ Production ☐ Tapered production ☐ Multi-stage cement shoe ☐ 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:  
Was cement circulated to ground surface (or bottom of 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	0			0	0

### III. CASING CEMENTING DATA

Type of casing: ☐ Surface ☐ Intermediate ☐ Production ☐ Tapered production ☐ Multi-stage cement/DV too ☐ 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:  
Was cement circulated to ground surface (or bottom of 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	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							
Tail additives 50% B Poz+50% Class H+5% SALT+0.05% SuspendaCem 6302+0.6% C-20+0.5% C-47B							
Circulated 22 bbls of cmt or 101 sks on top of liner							

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.

Edgar Varela Service Supervisor  
Name and title of cementer's representative

West Texas Cementers  
Cementing Company

  
Signature

1400 S JBS Parkway Odessa TX 79766

Address City, State, Zip Code

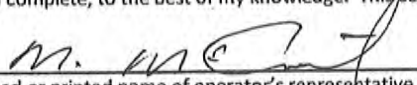
(432) 227-0100

Tel: Area Code Number

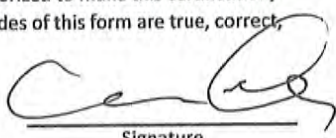
11/10/2021

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.

  
Typed or printed name of operator's representative

DSM  
Title

  
Signature

1001 FANNIN ST. SUITE 2200

Address City, State, Zip Code

HOUSTON, TX 77002

713-518-1331

Tel: Area Code Number

06/30/2022

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 78712967).

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.



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>	OASIS PETROLEUM PERMIAN LLC	<b>RE: Lease:</b>	UL JEFF EAST A 17-27-5 WA
<b>Address1:</b>	1001 FANNIN STREET STE 1500	<b>Well No:</b>	1H
<b>Address2:</b>		<b>Sec:</b>	27
<b>City:</b>	HOUSTON	<b>Block:</b>	17
<b>State:</b>	TX	<b>County:</b>	WARD
		<b>Survey Name:</b>	UL

**SWR13EX Application Number:** 99146 **Drilling Permit No:** 863226

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

The Proposed Casing and Cementing Program submitted for **LEASE** UL JEFF EAST A 17-27-5 WA ;  
**WELL** 1H 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 5100 feet of surface casing with a multistage tool set at a depth of not less than 1100 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, 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 08/30/2021 .  
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: 08/30/2021

JEFFERY MORGAN  
DISTRICT DIRECTOR





APPLICATION FOR APPROVAL OF SURFACE CASING > 3500 FEET  
Statewide Rule 13(b)(1)(A)  
RAILROAD COMMISSION OF TEXAS

Operator's Name and Address: Oasis Petroleum Permian LLC  
1001 Fannin, Suite 1500  
Houston, TX 77002

P5 Number: 617484

Area for review: RRC District 8

Lease Name: UL Jeff East A 17-27-5 WA 1H, UL Jeff East B 17-27-5 WB 2H, UL Jeff East C 17-27-5 WA 3H, UL Jeff East D 17-27-5 WB 4H

Field Name: Phantom (Wolfcamp) County: Ward

Survey: UL Abstract: A- U66

Drilling Permits: 863226, 863225, 863224, 863223

Note: Attach a map if the request is for more than one pad.

How will the operator maintain well control during drilling operations:

We will maintain well control by rigging up a diverter consisting of 20" 2K annular preventer and with a 6" diverter line.

The HCR will be rigged up on the 6" line so that any pressure can be properly diverted away from the wellbore with the annular closed.

How will the operator ensure cement is circulated to surface and that there is adequate bonding of cement:

We will perform a 2 stage cement job with the dv tool placed at the base of the GAU letter requirements.

Centralizers will be placed every 4th joint with one above and below the stage tool.

Cement lab test will be run to determine proper Water loss of the slurries to qualify as critical zone cement.

Posting drill out we will perform to formation integrity test to ensure a competent shoe.

How will the operator prevent the migration of formation fluids thru the annular space:

Proper cement slurries verified with lab test results prior to pumping will ensure quality cement will be

pumped to ensure no channeling can occur.

Signature: Karen Zornes Name: KAREN ZORNES Date: 07/27/2021 Phone: -281-872-9300

RRC District Office Action:

☒ Approved

☐ Approved as Modified

☐ Denied

By: Ryne Smith

Date: 8/4/21

RRC Use Only ►

Remarks/Modifications:

Tracking No.: 273021

## 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: PERCUSSION PETROLEUM OPER II,LLC	District No. 08	Completion Date: 04/15/2022
Field Name PHANTOM (WOLFCAMP)	Drilling Permit No. 863226	
Lease Name UL JEFF EAST A 17-27-5 WA	Lease/ID No. 57385	Well No. 1H
County WARD	API No. 42- 475-38139	

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

Karen Zornes

Signature

Name (print)

Title

(281) 872-9300

Phone

07/07/2022

Date

-FOR RAILROAD COMMISSION USE ONLY-



**TALLY****UL JEFF EAST A 17-27-5 WA 1H****PERCUSSION  
PETROLEUM II**

DRILLING SERVICES

MD 1" = 100ft

Operator:	Percussion Petroleum II, LLC	Country:	USA
Well Name:	UL JEFF EAST A 17-27-5 WA 1H	State:	Texas
API#:	42475381390000	County:	Ward
Field:	Phantom (Wolfcamp)	Location:	Pyote
Latitude:	31° 36' 10.49" N	Elev. GL:	2,681.01 ft
Longitude:	103° 12' 31.19" W	Elev. DF:	21.00 ft
Datum:	NAD 1927 (NADCON CONUS)	Elev. KB:	2,702.01 ft
Map Zone:	Texas Central 4203	VS Azimuth:	254.24°
Total Correction:	8.30°	Start Date:	Sep 07 2021 21:45
Grid Convergence:	-1.48°	End Date:	Nov 09 2021 21:00

Rig:	Unit 407	Operator 1:	Ray Luquette
Job Number:	M21273	Operator 2:	Scott Birse
Notes:			

Hole Data			Casing Data		
Size	From	To	Size	From	To
12.25	0.00	5,016.00	10.75	0.00	5,006.00
9.88	5,016.00	10,856.00	7.63	0.00	10,834.00
6.75	10,856.00	21,701.00	5.50	10,834.00	21,701.00

Tool Run Data	Run 1	Run 2	Run 3	Run 4	Run 5
Bit Size	12.25	9.88	9.88	6.75	6.75
Calibration Factor	8.39	2.74	2.90	3.51	3.40
Start Depth	80.00	5,016.69	9,177.00	10,856.00	12,373.00
Start Date	Sep 08 2021	Oct 15 2021	Oct 18 2021	Oct 21 2021	Oct 24 2021
Start Time	00:15	21:10	06:40	17:45	07:30
End Depth	5,016.69	9,177.00	10,856.00	12,373.00	15,960.00
End Date	Sep 10 2021	Oct 18 2021	Oct 20 2021	Oct 24 2021	Oct 27 2021
End Time	11:00	05:00	09:00	06:15	17:30
Mud Type	WBM	WBM	WBM	OBM	OBM
Mud Weight	10.1	9.7	9.9	12.0	12.0
Funnel Viscosity	28	27	28	56	63
Plastic Viscosity	1	1	1	20	19
Yield Point	2	1	2	11	13
Solids Content	6.3	9.0	10.1	19.3	20.0
Sand Content	0.0	0.0	0.0	0.0	0.0
Chlorides	103,000	82,000	98,000	43,000	39,500
Max. Temperature	120	135	156	171	201
Survey Offset	65.00	61.00	60.00	65.00	69.00
Gamma Offset	53.00	58.00	57.00	53.00	58.00

Tool Run Data	Run 6	Run 7	Run 8	Run 9	Run 10
Bit Size	6.75	6.75	6.75		
Calibration Factor	3.55	3.40	3.55		
Start Depth	15,960.00	18,214.00	19,750.00		
Start Date	Oct 27 2021	Nov 01 2021	Nov 04 2021		
Start Time	19:00	04:45	03:00		
End Depth	18,214.00	19,750.00	21,701.00		
End Date	Nov 01 2021	Nov 04 2021	Nov 09 2021		
End Time	03:15	01:15	20:20		
Mud Type	OBM	OBM	OBM		
Mud Weight	12.3	12.3	12.4		
Funnel Viscosity	59	62	62		
Plastic Viscosity	19	20	19		
Yield Point	13	15	14		
Solids Content	21.6	21.6	21.9		
Sand Content	0.0	0.0	0.0		
Chlorides	36,000	38,000	33,000		
Max. Temperature	198	203	203		
Survey Offset	68.00	71.00	63.00		
Gamma Offset	56.00	59.00	52.00		

**TALLY**

DRILLING SERVICES

5611 Bard Court  
Houston  
Texas 77041

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. 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.

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.: 273021

1. Field name exactly as shown on proration schedule <b>PHANTOM (WOLFCAMP)</b>		2. Lease name as shown on proration schedule <b>UL JEFF EAST A 17-27-5 WA</b>							
3. Current operator name exactly as shown on P-5 Organization Report <b>PERCUSSION PETROLEUM OPER II, LLC</b>		4. Operator P-5 no. <b>653216</b>	5. Oil Lse/Gas ID no <b>57385</b>	6. County <b>WARD</b>	7. RRC district <b>08</b>				
8. Operator address including city, state, and zip code <b>1001 FANNIN STREET STE 2200 HOUSTON, TX 77002</b>		9. Well no(s) (see instruction E) <b>1H</b>			11. Effective Date <b>04/15/2022</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 checked="" 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	SCM OPS, LLC(758382)			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			
CONCORD CRUDE OIL MARKETING LLC(170262)						100.0			
<b>RRC USE ONLY:</b> Reviewer's initials: <u>RRC Staff</u> Approval date: <u>09/08/2022</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;">Name (print) _____ Title <u>kzornes@ntglobal.com</u> E-mail Address (optional) _____</td><td style="width:50%; vertical-align: top;">Signature _____ <input type="checkbox"/> <b>Authorized Employee of current operator</b> <input checked="" type="checkbox"/> <b>Authorized agent of current operator (see instruction G)</b> _____ Date <u>07/28/2022</u> Phone with area code <u>(281) 872-9300</u></td></tr></table>								Name (print) _____ Title <u>kzornes@ntglobal.com</u> E-mail Address (optional) _____	Signature _____ <input type="checkbox"/> <b>Authorized Employee of current operator</b> <input checked="" type="checkbox"/> <b>Authorized agent of current operator (see instruction G)</b> _____ Date <u>07/28/2022</u> Phone with area code <u>(281) 872-9300</u>
Name (print) _____ Title <u>kzornes@ntglobal.com</u> E-mail Address (optional) _____	Signature _____ <input type="checkbox"/> <b>Authorized Employee of current operator</b> <input checked="" type="checkbox"/> <b>Authorized agent of current operator (see instruction G)</b> _____ Date <u>07/28/2022</u> Phone with area code <u>(281) 872-9300</u>								

## Form P-16

Page 1

Rev. 09/2019

Filer is the owner or lessee, or has been authorized by the owner or lessee, of all or an undivided portion of the mineral estate under each tract for which filer is listed as operator below. For all leases operated by other entities, the number of assigned acres shown are reflected on current Commission records or the filer has been authorized by the current operator to change the assigned acreage of that operator as shown below.

SECTION I. OPERATOR INFORMATION			
Operator Name:	PERCUSSION PETROLEUM OPER. II, LLC	Operator P-5 No.:	653216
Operator Address:	1001 FANNIN ST. SUITE 2200 HOUSTON, TX 77002		

SECTION II. WELL INFORMATION				
District No.:	08	API No.:	42-475-38139	<b>Purpose of Filing:</b>  <input type="checkbox"/> Drilling Permit Application (Form W-1)  <input checked="" type="checkbox"/> Completion Report (Form G-1/W-2)
Well No.:	1H	Drilling Permit No.:	863226	
Lease Name:	UL JEFF EAST A 17-27-5 WA	RRC ID or Lease No.:		
Total Lease Acres:	961.050	Field Name:	PHANTOM (WOLFCAMP)	
Proration Acres:	80.000	Field No.:	71052900	
Wellbore Profile	Allocation Well	Is this a UFT field?	Yes	
SL Record (Parent) Well Drilling Permit No.:			County:	WARD

SECTION III. LISTING OF ALL WELLS IN THE APPLIED-FOR 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>	
PERCUSSION PETROLEUM HAS AT LEAST 65% OPERATING RIGHTS FROM WORKING AND MINERAL INTERESTS IN EACH TRACT, PER RRC GUIDELINES	

☒ **Additional Pages:** 1 (No. of additional pages)

Karen Zornes  
Signature

**Email**  
(include email address *only* if you affirmatively consent to its public release)

Date: 06/30/22



## Form P-16

**Page 2**  
Rev. 09/2019

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.

Filer is the owner or lessee, or has been authorized by the owner or lessee, of all or an undivided portion of the mineral estate under each tract for which filer is listed as operator below. For all leases operated by other entities, the number of assigned acres shown are reflected on current Commission records or the filer has been authorized by the current operator to change the assigned acreage of that operator as shown below.

\*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:** 12 July 2021**GAU Number:** 310252**Attention:** OASIS PETROLEUM PERMIAN  
1001 FANNIN STREET STE  
HOUSTON, TX 77002**API Number:** 47538138  
**County:** WARD  
**Lease Name:** UL JEFF EAST B 17-27-5 WB**Operator No.:** 617484**Lease Number:**  
**Well Number:** 2H  
**Total Vertical** 12500  
**Latitude:** 31.602844  
**Longitude:** -103.208184  
**Datum:** NAD27**Purpose:** New Production Well**Location:** Survey-UL; Abstract-U66; Block-17; Section-27

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

The interval from the land surface to the base of the Alluvium/Santa Rosa, which is estimated to occur at a depth of 1000 feet, must be protected.

This recommendation is applicable for all wells drilled in this section 27.

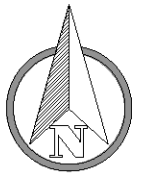
Note: Unless stated otherwise, this recommendation is intended to apply only to the subject well and not for area-wide use. Unless stated otherwise, this recommendation is for normal drilling, production, and plugging operations only.

This determination is based on information provided when the application was submitted on 07/12/2021. 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).

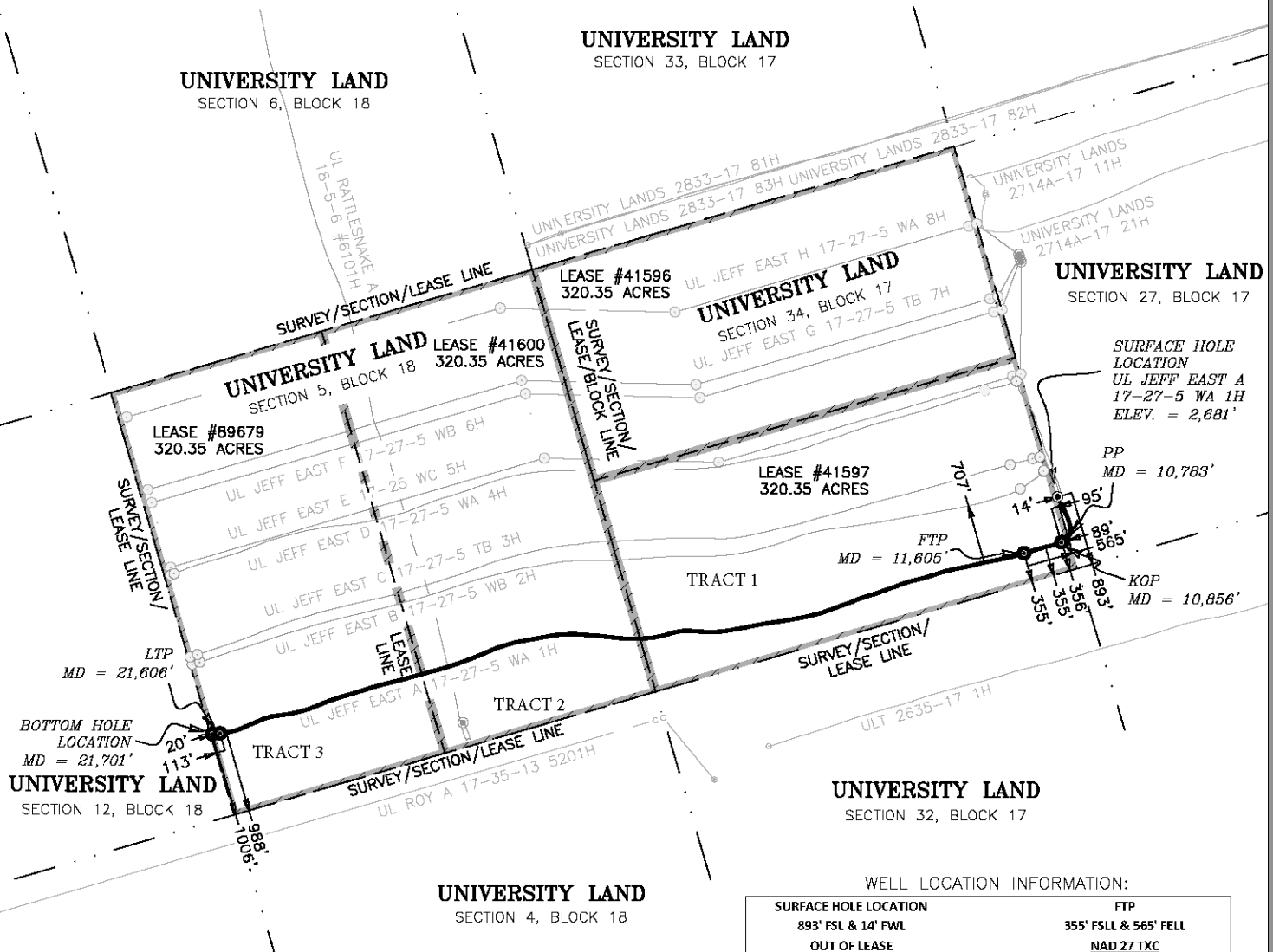
Groundwater Advisory Unit, Oil and Gas Division

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

LEASE #	CALLED ACREAGE	LATERAL LENGTH
41596	320.35	N/A
41597	320.35	4752.95'
41600	320.35	2700.68'
89679	320.35	2533.94'
TOTAL	1281.40	9987.57'



0 1000' 2000'  
1" = 2000 FEET



LEGEND

— SURVEY LINE  
- - - LEASE LINE

GENERAL NOTES

- COORDINATES SHOWN ARE BASED ON THE TEXAS STATE 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".

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

*John E. Kowalik*  
JOHN E. KOWALIK  
REGISTERED PROFESSIONAL LAND SURVEYOR  
STATE OF TEXAS NO. 6408



WELL LOCATION INFORMATION:

SURFACE HOLE LOCATION	FTP
893' FSL & 14' FWL OUT OF LEASE NAD 27 TXC Y = 715,768.03 X = 1,104,918.38 LAT. = 31.602915 °N LONG. = 103.208663 °W	355' FSL & 565' FELL NAD 27 TXC Y = 715,089.08 X = 1,104,513.56 LAT. = 31.601020 °N LONG. = 103.209906 °W
NAD 83 TXC Y = 10,558,343.73 X = 1,401,383.49 LAT. = 31.603047 °N LONG. = 103.209107 °W	NAD 83 TXC Y = 10,557,664.76 X = 1,400,978.67 LAT. = 31.601152 °N LONG. = 103.210351 °W
PP 355' FSL & 89' FELL NAD 27 TXC Y = 715,223.78 X = 1,104,970.46 LAT. = 31.601423 °N LONG. = 103.208450 °W	LTP 988' FSL & 113' FWLL NAD 27 TXC Y = 712,925.21 X = 1,094,851.16 LAT. = 31.594383 °N LONG. = 103.240749 °W
NAD 83 TXC Y = 10,557,799.47 X = 1,401,435.58 LAT. = 31.601555 °N LONG. = 103.208895 °W	NAD 83 TXC Y = 10,555,500.85 X = 1,391,316.19 LAT. = 31.594514 °N LONG. = 103.241195 °W
KOP 355' FSL & 95' FELL NAD 27 TXC Y = 715,221.17 X = 1,104,964.64 LAT. = 31.601416 °N LONG. = 103.208469 °W	BOTTOM HOLE LOCATION 1,006' FSL & 20' FWLL 1,006' FSL & 20' FWLL NAD 27 TXC Y = 712,916.30 X = 1,094,756.59 LAT. = 31.594352 °N LONG. = 103.241052 °W
NAD 83 TXC Y = 10,557,796.85 X = 1,401,429.76 LAT. = 31.601547 °N LONG. = 103.208913 °W	NAD 83 TXC Y = 10,555,491.94 X = 1,391,221.62 LAT. = 31.594483 °N LONG. = 103.241497 °W

PLAT OF:

A FINAL AS-DRILLED WELL LOCATION FOR:  
**PERCUSSION PETROLEUM OPER II, LLC.**  
**UL JEFF EAST A 17-27-5 WA 1H**

SITUATED IN THE UNIVERSITY LANDS SURVEY, SECTION 5,  
BLOCK 17, THE UNIVERSITY LANDS SURVEY, SECTION 34,  
BLOCK 17, AND BEING APPROXIMATELY 7.9 MILES  
NORTHWEST OF PYOTE IN WARD COUNTY, TEXAS.

DATE: 04-19-2022  
DRAWN BY: RS  
CHECKED BY: CH  
FIELD CREW: DN  
PROJECT NO: 2021060687  
SCALE: 1"=2000'  
SHEET: 1  
REVISION: 0



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

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