



RAILROAD COMMISSION OF TEXAS

Form W-2

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

Status: Approved  
Date: 09/13/2022  
Tracking No.: 273050

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	42-475-38137	County:	WARD
Well No.:	3H	RRC District	08
Lease	UL JEFF EAST C 17-27-5 WA	Field	PHANTOM (WOLFCAMP)
RRC Lease	57425	Field No.:	71052900
Location	Section: 27, Block: 17, Survey: UL, Abstract: U66		
Latitude	31.603169	Longitud	-103.209035
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	04/25/2022
Type of Permit	Date	Permit No.	
Permit to Drill, Plug Back, or Rule 37 Exception	07/12/2021	863224	
Fluid Injection			
O&G Waste Disposal			
Other:			

COMPLETION INFORMATION			
Spud	09/13/2021	Date of first production after rig	04/25/2022
Date plug back, deepening, drilling operation	09/13/2021	Date plug back, deepening, recompletion, drilling operation	12/02/2021
Number of producing wells on this lease this field (reservoir) including this	4	Distance to nearest well in lease & reservoir	124.0
Total number of acres in	961.05	Elevation	2682 GL
Total depth TVD	10978	Total depth MD	21409
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)	98.0 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	928.0 Feet from the South Line and 49.0 Feet from the West Line of the UL JEFF EAST C 17-27-5 TB Lease.	Off Lease :	Yes

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	05/11/2022	Production	Flowing
Number of hours	24	Choke	38
Was swab used during this	No	Oil produced prior to	7237.00
PRODUCTION DURING TEST PERIOD:			
Oil	1216.00	Gas	1662
Gas - Oil	1366	Flowing Tubing	1564.00
Water	5609		
CALCULATED 24-HOUR RATE			
Oil	1216.0	Gas	1662
Oil Gravity - API - 60.:	41.0	Casing	1543.00
Water	5609		

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	10 3/4	12 1/4	5016				C	1335	2892.0	1137	Calculation
2	Surface	10 3/4	12 1/4	5016	1137			C	615	818.0	0	Circulated to Surface
3	Intermediate	7 5/8	9 7/8	11001				H	1130	3714.0	4973	Calculation
4	Intermediate	7 5/8	9 7/8	11001	4973			C	435	1326.0	0	Circulated to Surface

LINER RECORD									
Ro	Liner Size	Hole Size	Liner Top	Liner Bottom	Cement Class	Cement Amoun	Slurry Volume (cu.)	Top of Cement (ft.)	TOC Determined
1	5 1/2	6 3/4	10234	21390	H	960	1171.2	10234	Calculation

TUBING RECORD			
Ro	Size (in.)	Depth	Size (ft.)
1	2 3/4	11069	
			Packer Depth (ft.)/Type
			/ NO PACKER

PRODUCING/INJECTION/DISPOSAL INTERVAL			
Ro	Open hole?	From (ft.)	To (ft.)
1	No	L1 11205	21314.0

ACID, FRACTURE, CEMENT SQUEEZE, CAST IRON BRIDGE PLUG, RETAINER, ETC.			
Was hydraulic fracturing treatment		Yes	
Is well equipped with a downhole sleeve?		If yes, actuation pressure	11643.0
Production casing test pressure (PSIG) hydraulic fracturing		Actual maximum pressure (PSIG) during fracturin 12278	
13000			
Has the hydraulic fracturing fluid disclosure been		Yes	
<u>Ro</u>	<u>Type of Operation</u>	<u>Amount and Kind of Material Used</u>	<u>Depth Interval (ft.)</u>
1	Fracture	SEE FRAC FOCUS	11205 21314

FORMATION RECORD					
<u>Formations</u>	<u>Encountere</u>	<u>Depth TVD</u>	<u>Depth MD</u>	<u>Is formation</u>	<u>Remarks</u>
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 DELAWARE	No			No	NOT IN THIS AREA
GLORIETA	Yes	5004.0	5042.0	Yes	
HOLT	No			No	NOT IN THIS AREA
CLEARFORK	No			No	NOT IN THIS AREA
TUBB	No			No	NOT IN THIS AREA
CHERRY CANYON	Yes	5892.0	5930.0	Yes	
BONE SPRING	Yes	8504.0	8542.0	Yes	
3RD BONE SPRING	Yes	10790.0	10845.0	Yes	TD PRODUCING ZONE
WICHITA ALBANY	No			No	NOT IN THIS AREA
WOLFCAMP	No			No	BELOW TD
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-10532 CHANGING NAME FROM DRILLING PERMIT TO UL JEFF EAST 17-27-5 TB #3H

RRC REMARKS	
<b>PUBLIC COMMENTS:</b> [RRC Staff 2022-07-22 15:02:48.553] EDL=10100 feet, max acres=704, PHANTOM (WOLFCAMP) oil or gas well, take points: 11205-21314 feet MD, API No. 475-38137	
<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	07/08/2022





# 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.: 3H		API No.: 42-475-38137		Drilling Permit No.: 863224	
Lease Name: UL Jeff East C 17-27-5 TB		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 checked="" type="checkbox"/> Surface	<input 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.): 12 1/4	Depth of drilled hole (ft.): 5025		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: 38		
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 <input type="checkbox"/> NO <input checked="" type="checkbox"/>			Setting depth shoe (ft.): 5016		
Hrs. waiting on cement before drill-out: 24+		Calculated top of cement (ft.): 1137		Cementing date: 9/15/2021	
SLURRY					
Slurry No.	No. of Sacks	Class	Additives	Volume (cu. ft.)	Height (ft.)
1	915	CLASS C	REMARKS 1	2333	12418
2	420	CLASS C	REMARKS 2	559	2955
3					
Total	1335			2892	15373
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.): 5025		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: 38		
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 <input type="checkbox"/> NO <input checked="" type="checkbox"/>			Setting depth shoe (ft.): 1137		
Hrs. waiting on cement before drill-out: 24+		Calculated top of cement (ft.): SURFACE		Cementing date: 9/15/2021	
SLURRY					
Slurry No.	No. of Sacks	Class	Additives	Volume (cu. ft.)	Height (ft.)
1	615	CLASS C	REMARKS 3	818	4358
2					
3					
Total	615			818	4358



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							
100% Class C+5% SALT+2% SMS+0.4% C-20+0.25PPS Pol-E-Flake+0.005GPS NoFoam V1A							
100% Class C+0.005GPS NoFoam V1A							
100% Class C+0.005GPS NoFoam V1A							

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.

CEMENTER // VAQUERA VICTOR

Name and title of cementer's representative

West Texas Cementers

Cementing Company

Signature

1400 S JBS PARKWAY

Address

ODESSA TX. 79766

City, State, Zip Code

432-888-0413

Tel: Area Code

Number

9/15/2021

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

06/15/2022

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 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 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.:			County: Ward		
Well No.: 3H			API No.: 42-475-38137 Drilling Permit No.: 863224		
Lease Name: UL Jeff East C 17-27-5 TB			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.):
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 type="checkbox"/> Tapered production <input checked="" type="checkbox"/> Multi-stage cement shoe <input type="checkbox"/> Multiple parallel strings					
Drilled hole size (in.): 9 7/8		Depth of drilled hole (ft.): 11026		Est. % wash-out or hole enlargement: 5%	
Size of casing in O.D. (in.): 7 5/8		Casing weight (lbs/ft) and grade: 29.7# L-80		No. of centralizers used: 39	
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 <input type="checkbox"/> NO <input checked="" type="checkbox"/>			Setting depth shoe (ft.): 11001		
Hrs. waiting on cement before drill-out: 24+		Calculated top of cement (ft.): 4973		Cementing date: 10/7/2021	
SLURRY					
Slurry No.	No. of Sacks	Class	Additives	Volume (cu. ft.)	Height (ft.)
1	1000	50-50 CLASS H	REMARKS 1	3560	10862
2	130	CLASSH	REMARKS 2	154	607
3					
Total	1130			3714	11469
III. CASING CEMENTING DATA					
Type of casing: <input type="checkbox"/> Surface <input checked="" type="checkbox"/> Intermediate <input type="checkbox"/> Production <input type="checkbox"/> Tapered production <input checked="" 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.): 11026		Est. % wash-out or hole enlargement: 5%	
Size of casing in O.D. (in.): 7 5/8		Casing weight (lbs/ft) and grade: 29.7# L-80		No. of centralizers used: 39	
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 <input type="checkbox"/> NO <input checked="" type="checkbox"/>			Setting depth shoe (ft.): 4973		
Hrs. waiting on cement before drill-out: 24+		Calculated top of cement (ft.): 0		Cementing date: 10/7/2021	
SLURRY					
Slurry No.	No. of Sacks	Class	Additives	Volume (cu. ft.)	Height (ft.)
1	340	50-50 CLASS C	REMARKS 3	1200	4398
2	95	CLASS C	REMARKS 4	126	554
3					
Total	435			1326	4952



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							
REMARKS 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+0.005GPS NoFoam V							
REMARKS 2-100% Class H+0.2% SMS+0.25% C-20+0.2% C-47B+0.005GPS NoFoam V1A							
REMARKS 3-50% B Poz+50% Class C+10% Gel+5% SALT+5PPS Plexcrete STE+0.5% SMS+0.3% C-20+3PPS Gilsonite+0.25PPS Pol-E-Flake+0.005GPS NoFoam V1A							
REMARKS 4-100% Class C+0.005GPS NoFoam V1A							

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.

JAMES RICHARDS SERVICE SUPERVISOR

Name and title of cementer's representative

West Texas Cementers

Cementing Company

Signature

1400 S JBS PKWY ODESSA TX 79766

Address City, State, Zip Code

432-227-0010

Tel: Area Code Number

10/7/2021

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.

Chris Blodgett  
Typed or printed name of operator's representative

DSM

Title

Chris Blodgett

Signature

919 Milam Ste 2475 Houston, Tx 59067

Address City, State, Zip Code

713-518-1331

Tel: Area Code Number

10/7/21

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.

- 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 78712967).
- 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/readac\\$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/readac$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.
- 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

## 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.:	3H	API No.:	42-475-38137	Drilling Permit No.:	863224
Lease Name:	UL Jeff East C 17-27-5 TB		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 checked="" type="checkbox"/> Liner	<input checked="" type="checkbox"/> Production		
Drilled hole size (in.):	6 3/4		Depth of drilled hole (ft.):	21409		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:	25
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.):	Top of liner (ft.): 10234		
						Setting depth liner (ft.):	21390
Hrs. waiting on cement before drill-out:		Calculated top of cement (ft.):		10234		Cementing date:	12/1/2021

#### SLURRY

Slurry No.	No. of Sacks	Class	Additives	Volume (cu. ft.)	Height (ft.)
1	960	50/50 CLASS H	REMARK 1	1171.2	12732
2					
3					
Total	960			1171.2	12732

### 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 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? 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



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							
#1) 5% SALT+0.05% Suspended Cem 6302+0.55% C-20+0.5% C-47B+0.005GPS NoFoam V1A							

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

12/1/2021

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

06/15/2022

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 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 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 C 17-27-5 WA
<b>Address1:</b>	1001 FANNIN STREET STE 1500	<b>Well No:</b>	3H
<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:** 99148 **Drilling Permit No:** 863224

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

The Proposed Casing and Cementing Program submitted for **LEASE** UL JEFF EAST C 17-27-5 WA ;  
**WELL** 3H 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, 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 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.: 273050

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: PERCUSSION PETROLEUM OPER II,LLC	District No. 08	Completion Date: 04/25/2022
Field Name PHANTOM (WOLFCAMP)	Drilling Permit No. 863224	
Lease Name UL JEFF EAST C 17-27-5 WA	Lease/ID No. 57425	Well No. 3H
County WARD	API No. 42- 475-38137	

## 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-



Operator:	Percussion Petroleum II, LLC	Country:	USA
Well Name:	UL JEFF EAST C 17-27-5 TB 3H	State:	Texas
API#:	42475381370000	County:	Ward
Field:	Phantom (Wolfcamp)	Location:	Pcycle
Latitude:	31° 36' 10.94" N	Elev. GL:	2,681.01 ft
Longitude:	103° 12' 30.92" W	Elev. DF:	21.00 ft
Datum:	NAD 1927 (NADCON CONUS)	Elev. KB:	2,702.01 ft
Map Zone:	Texas Central 4203	VS Azimuth:	259.87°
Total Correction:	8.28°	Start Date:	Sep 12 2021 00:00
Grid Convergence:	-1.48°	End Date:	Nov 29 2021 20:30

Rig:	Unit 407	Operator 1:	Ray Luquette
Job Number:	M21275	Operator 2:	Shayne Braig
Notes:			

Hole Data			Casing Data		
Size	From	To	Size	From	To
12.25	0.00	5,026.55	10.75	0.00	5,020.00
9.88	5,026.55	11,026.00	7.63	0.00	11,001.00
6.75	11,026.00	21,409.00	5.50	11,001.00	21,409.00

Tool Run Data	Run 1	Run 2	Run 3	Run 4	Run 5
Bit Size	12.25	12.25	9.88	9.88	9.88
Calibration Factor	8.39	9.03	2.74	2.74	2.74
Start Depth	120.00	410.80	5,025.00	8,978.00	8,978.00
Start Date	Sep 13 2021	Sep 13 2021	Sep 30 2021	Oct 02 2021	Oct 02 2021
Start Time	00:00	09:13	06:30	16:15	22:35
End Depth	410.80	5,025.00	8,978.00	8,978.00	10,501.00
End Date	Sep 13 2021	Sep 15 2021	Oct 02 2021	Oct 02 2021	Oct 04 2021
End Time	07:15	03:00	15:30	21:40	08:00
Mud Type	WBM	WBM	WBM	WBM	WBM
Mud Weight	8.4	10.0	9.1	9.1	9.1
Funnel Viscosity	29	28	27	27	27
Plastic Viscosity	1	1	1	1	1
Yield Point	2	2	1	1	1
Solids Content	0.3	11.2	4.6	4.6	4.5
Sand Content	0.0	0.0	0.0	0.0	0.0
Chlorides	2,200	16,200	66,000	66,000	70,000
Max. Temperature	79	122	139	0	144
Survey Offset	65.00	65.00	60.00	60.00	60.00
Gamma Offset	50.00	50.00	57.00	57.00	57.00
Tool Run Data	Run 6	Run 7	Run 8	Run 9	Run 10
Bit Size	9.88	9.88	6.75	6.75	6.75
Calibration Factor	2.74	2.80	3.23	3.14	3.23
Start Depth	10,501.00	10,716.00	11,026.00	11,344.00	16,101.00
Start Date	Oct 04 2021	Oct 05 2021	Nov 12 2021	Nov 14 2021	Nov 19 2021
Start Time	09:45	15:55	15:30	00:00	04:35
End Depth	10,716.00	11,026.00	11,344.00	16,101.00	18,835.00
End Date	Oct 05 2021	Oct 06 2021	Nov 13 2021	Nov 19 2021	Nov 24 2021
End Time	12:45	18:35	21:00	03:30	19:00
Mud Type	WBM	WBM	OBM	OBM	OBM
Mud Weight	9.2	9.2	12.0	11.9	12.0

Funnel Viscosity	28	28	15	15	15
Plastic Viscosity	1	1	17	18	15
Yield Point	1	1	12	14	12
Solids Content	5.2	5.2	19.5	18.4	19.5
Sand Content	0.0	0.0	0.0	0.0	0.1
Chlorides	82,000	82,000	34,000	38,000	32,000
Max. Temperature	144	135	148	192	198
Survey Offset	76.00	76.00	65.00	65.00	65.00
Gamma Offset	73.00	73.00	54.00	54.00	54.00
Tool Run Data	Run 11	Run 12	Run 13	Run 14	Run 15
Bit Size	6.75				
Calibration Factor	3.14				
Start Depth	18,835.00				
Start Date	Nov 24 2021				
Start Time	20:30				
End Depth	21,409.00				
End Date	Nov 29 2021				
End Time	20:30				
Mud Type	OBM				
Mud Weight	12.4				
Funnel Viscosity	64				
Plastic Viscosity	19				
Yield Point	13				
Solids Content	22.1				
Sand Content	0.0				
Chlorides	34,000				
Max. Temperature	206				
Survey Offset	70.00				
Gamma Offset	61.00				

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.: 273050

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 C 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>57425</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>3H</b>			11. Effective Date <b>04/25/2022</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>09/13/2022</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.  <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><input type="checkbox"/> <b>Authorized Employee of previous operator</b></div><div><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="border-bottom: 1px solid black; margin-bottom: 5px;">Date</div><div style="border-bottom: 1px solid black; margin-bottom: 5px;">Phone with area code</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;">Name (print)</div><div style="border-bottom: 1px solid black; margin-bottom: 5px;">Title</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;">Signature</div><div style="display: flex; justify-content: space-between;"><div><input type="checkbox"/> <b>Authorized Employee of current operator</b></div><div><input checked="" type="checkbox"/> <b>Authorized agent of current operator (see instruction G)</b></div></div><div style="display: flex; justify-content: space-between;"><div style="border-bottom: 1px solid black; margin-bottom: 5px;">Date</div><div style="border-bottom: 1px solid black; margin-bottom: 5px;">Phone with area code</div></div></div></div>							



## Form P-16

Page 1

Rev. 09/2019

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.:	475-38137	<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.:	3H	Drilling Permit No.:	863224	
Lease Name:	UL JEFF EAST C 17-27-5 TB	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	

Date: 06/30/22 mo. day yr.

## 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.

\* 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.

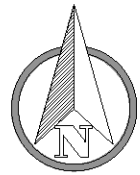
This determination is based on information provided when the application was submitted on 07/12/2021. If the location information has changed, you must contact the Groundwater Advisory Unit, and submit a new application if necessary. If you have questions, please contact us at 512-463-2741 or gau@rrc.texas.gov.

Groundwater Advisory Unit, Oil and Gas Division

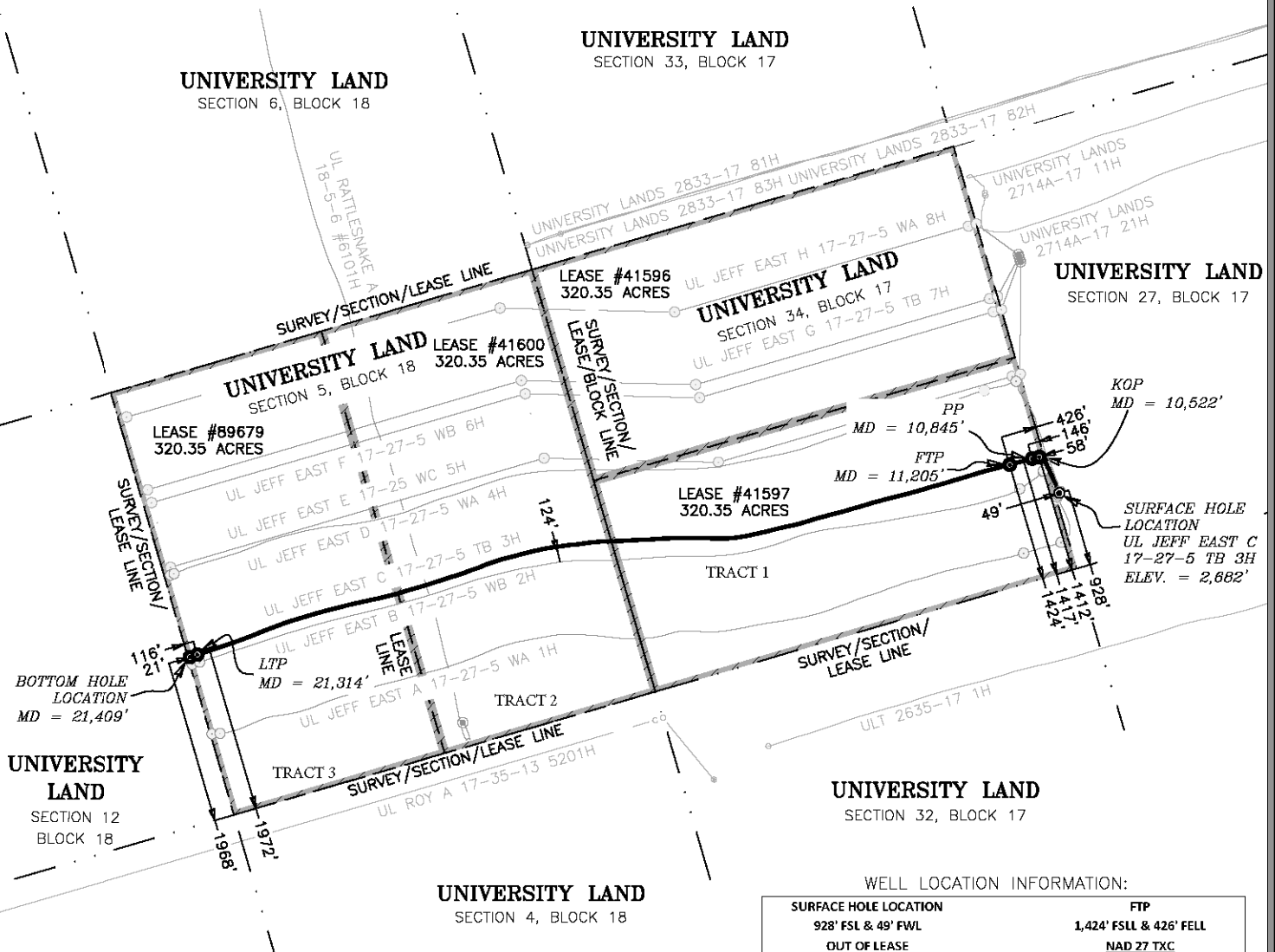
Form GW-2 P.O. Box 12967 Austin, Texas 78771-2967 512-463-2741 Internet address: www.rrc.texas.  
Rev. 02/2014



LEASE #	CALLED ACREAGE	LATERAL LENGTH
41596	320.35	N/A
41597	320.35	4907.44'
41600	320.35	2653.87'
89679	320.35	2527.64'
TOTAL	1281.40	10,088.95'



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 ACRES 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  
REGISTERED PROFESSIONAL LAND SURVEYOR  
STATE OF TEXAS NO. 6408



#### WELL LOCATION INFORMATION:

SURFACE HOLE LOCATION	FTP
928' FSL & 49' FWL	1,424' FSL & 426' FELL
OUT OF LEASE	NAD 27 TXC
NAD 27 TXC	Y = 716,154.65
Y = 715,811.95	X = 1,104,347.73
X = 1,104,942.15	LAT. = 31.603937 °N
LAT. = 31.603038 °N	LONG. = 103.210527 °W
LONG. = 103.208590 °W	NAD 83 TXC
NAD 83 TXC	Y = 10,558,730.35
Y = 10,558,387.65	X = 1,400,812.83
X = 1,401,407.25	LAT. = 31.604068 °N
LAT. = 31.603169 °N	LONG. = 103.210972 °W
LONG. = 103.209035 °W	LTP
PP	1,972' FSL & 116' FWLL
1,412' FSL & 58' FELL	NAD 27 TXC
NAD 27 TXC	Y = 713,870.29
Y = 715,226.27	X = 1,094,577.78
X = 1,104,618.03	LAT. = 31.596961 °N
LAT. = 31.604153 °N	LONG. = 103.241706 °W
LONG. = 103.209665 °W	NAD 83 TXC
NAD 83 TXC	Y = 10,556,445.95
Y = 10,558,801.97	X = 1,391,042.80
X = 1,401,083.14	LAT. = 31.597092 °N
LAT. = 31.604285 °N	LONG. = 103.242152 °W
LONG. = 103.210110 °W	BOTTOM HOLE LOCATION
KOP	1,968' FSL & 21' FWL
1,417' FSL & 146' FELL	1,968' FSL & 21' FWLL
NAD 27 TXC	NAD 27 TXC
Y = 716,246.61	Y = 713,839.42
X = 1,104,704.02	X = 1,094,487.94
LAT. = 31.604215 °N	LAT. = 31.596869 °N
LONG. = 103.209391 °W	LONG. = 103.241992 °W
NAD 83 TXC	NAD 83 TXC
Y = 10,558,822.31	Y = 10,556,415.08
X = 1,401,169.13	X = 1,390,952.95
LAT. = 31.604347 °N	LAT. = 31.597001 °N
LONG. = 103.209835 °W	LONG. = 103.242438 °W

#### PLAT OF:

A FINAL AS-DRILLED WELL LOCATION FOR:  
**PERCUSSION PETROLEUM OPER II, LLC.**  
**UL JEFF EAST C 17-27-5 TB 3H**

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: CH  
CHECKED BY: RS  
FIELD CREW: DN  
PROJECT NO: 2020030639  
SCALE: 1"=2000'  
SHEET: 1  
REVISION: 0



550 Bailey Ave., 205 - Fort Worth, TX 76107  
Ph: 817.349.9800 - Fax: 817.349.5271  
TBPE Firm 17957 | TBPLS Firm 10193887  
www.fscinc.net

© COPYRIGHT 2016 - ALL RIGHTS RESERVED