



**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 |  |                 |        |
|----------------------|--|-----------------|--------|
| <b>Operator</b>      | PERCUSSION PETROLEUM OPER II,LLC               | <b>Operator</b> | 653216 |
| <b>Operator</b>      | 1001 FANNIN STREET STE 2200 HOUSTON, TX 77002- |                 |        |

| WELL INFORMATION                        |   |                     |                    |
|---|---|---------------------|--------------------|
| <b>API</b>                              | 42-475-38137                                      | <b>County:</b>      | WARD               |
| <b>Well No.:</b>                        | 3H  | <b>RRC District</b> | 08                 |
| <b>Lease</b>                            | UL JEFF EAST C 17-27-5 WA                         | <b>Field</b>        | PHANTOM (WOLFCAMP) |
| <b>RRC Lease</b>                        | 57425   | <b>Field No.:</b>   | 71052900           |
| <b>Location</b>                         | Section: 27, Block: 17, Survey: UL, Abstract: U66 |                     |                    |
| <b>Latitude</b>                         | 31.603169   | <b>Longitud</b>     | -103.209035        |
| <b>This well is</b>                     | 7.9   | <b>miles in a</b>   | NW                 |
| <b>direction from</b>                   | PYOTE,  |                     |                    |
| <b>which is the nearest town in the</b> |   |                     |                    |

| FILING INFORMATION                    |                   |                                   |                   |
|---------------------------------------|-------------------|-----------------------------------|-------------------|
| <b>Purpose of</b>                     | Initial Potential |                                   |                   |
| <b>Type of</b>                        | New Well          |                                   |                   |
| <b>Well Type:</b>                     | Producing         | <b>Completion or Recompletion</b> | 04/25/2022        |
| <b>Type of Permit</b>                 |                   | <b>Date</b>                       | <b>Permit No.</b> |
| <b>Permit to Drill, Plug Back, or</b> |                   | 07/12/2021                        | 863224            |
| <b>Rule 37 Exception</b>              |                   |                                   |                   |
| <b>Fluid Injection</b>                |                   |                                   |                   |
| <b>O&amp;G Waste Disposal</b>         |                   |                                   |                   |
| <b>Other:</b>                         |                   |                                   |                   |

| COMPLETION INFORMATION   |                     |  |            |
|--|---------------------|--|------------|
| <b>Spud</b>  | 09/13/2021          | <b>Date of first production after rig</b>                          | 04/25/2022 |
| <b>Date plug back, deepening, drilling operation</b>                                 | 09/13/2021          | <b>Date plug back, deepening, recompletion, drilling operation</b> | 12/02/2021 |
| <b>Number of producing wells on this lease this field (reservoir) including this</b> | 4                   | <b>Distance to nearest well in lease &amp; reservoir</b>           | 124.0      |
| <b>Total number of acres in</b>  | 961.05              | <b>Elevation</b>   | 2682 GL    |
| <b>Total depth TVD</b>   | 10978               | <b>Total depth MD</b>  | 21409      |
| <b>Plug back depth TVD</b>   |                     | <b>Plug back depth MD</b>  |            |
| <b>Was directional survey made other inclination (Form W-</b>                        | Yes                 | <b>Rotation time within surface casing</b>                         | 98.0       |
| <b>Recompletion or</b>   | No                  | <b>Is Cementing Affidavit (Form W-15)</b>                          | Yes        |
| <b>Type(s) of electric or other log(s)</b>   | Gamma Ray (MWD)     |  |            |
| <b>Electric Log Other Description:</b>   |                     |  |            |
| <b>Location of well, relative to nearest lease of lease on which this well is</b>    | 928.0 Feet from the | <b>Off Lease :</b>   | Yes        |
|  | 49.0 Feet from the  | <b>South Line and</b>  |            |
|  |                     | <b>West Line of the</b>  |            |
|  |                     | UL JEFF EAST C 17-27-5 TB Lease.                                   |            |

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

W2: N/A

**FOR NEW DRILL OR RE-ENTRY, SURFACE CASING DEPTH DETERMINED BY:**

|   |              |        |             |            |
|---|--------------|--------|-------------|------------|
| <b>GAU Groundwater Protection Determination</b> | <b>Depth</b> | 1000.0 | <b>Date</b> | 07/12/2021 |
| <b>SWR 13 Exception</b>                         | <b>Depth</b> | 5100.0 |             |            |

**INITIAL POTENTIAL TEST DATA FOR NEW COMPLETION OR RECOMPLETION**

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

**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</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           | 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**

| <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            | 10234            | 21390               | H                   | 960                 | 1171.2                     | 1023<br>4                  | Calculation           |

**TUBING RECORD**

| <u>Ro</u> | <u>Size (in.)</u> | <u>Depth</u> | <u>Size (ft.)</u> | <u>Packer Depth (ft.)/Type</u> |
|-----------|-------------------|--------------|-------------------|--------------------------------|
| 1         | 2 3/4             | 11069        |                   | / NO PACKER                    |

**PRODUCING/INJECTION/DISPOSAL INTERVAL**

| <u>Ro</u> | <u>Open hole?</u> | <u>From (ft.)</u> | <u>To (ft.)</u> |
|-----------|-------------------|-------------------|-----------------|
| 1         | No                | L1 11205          | 21314.0         |

**ACID, FRACTURE, CEMENT SQUEEZE, CAST IRON BRIDGE PLUG, RETAINER, ETC.**

|  |       |  |         |
|--|-------|--|---------|
| <b>Was hydraulic fracturing treatment</b>                          |       | Yes  |         |
| <b>Is well equipped with a downhole sleeve?</b> Yes                |       | <b>If yes, actuation pressure</b>                      | 11643.0 |
| <b>Production casing test pressure (PSIG) hydraulic fracturing</b> | 13000 | <b>Actual maximum pressure (PSIG) during fracturin</b> | 12278   |
| <b>Has the hydraulic fracturing fluid disclosure been</b>          |       | Yes  |         |

|                  |                                 |  |                                    |       |
|------------------|---------------------------------|--|------------------------------------|-------|
| <u><b>Ro</b></u> | <u><b>Type of Operation</b></u> | <u><b>Amount and Kind of Material Used</b></u> | <u><b>Depth Interval (ft.)</b></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 | No                |                  |                 | No                  | NOT IN THIS AREA  |
| DELAWARE                                | Yes               | 5004.0           | 5042.0          | 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               | 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          |

|   |    |
|---|----|
| <b>Do the producing interval of this well produce H2S with a concentration in excess of 100 ppm</b> | No |
| <b>Is the completion being downhole commingled</b>  | No |

**REMARKS**

KOP-10532  
 CHANGING NAME FROM DRILLING PERMIT TO UL JEFF EAST 17-27-5 TB #3H

**RRC REMARKS**

**PUBLIC COMMENTS:**

[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

**CASING RECORD :**

**TUBING RECORD:**

**PRODUCING/INJECTION/DISPOSAL INTERVAL :**

**ACID, FRACTURE, CEMENT SQUEEZE, CAST IRON BRIDGE PLUG, RETAINER, ETC. :**

**POTENTIAL TEST DATA:**

**OPERATOR'S CERTIFICATION**

|                  |                |               |            |
|------------------|----------------|---------------|------------|
| <b>Printed</b>   | Karen Zornes   | <b>Title:</b> |            |
| <b>Telephone</b> | (281) 872-9300 | <b>Date</b>   | 07/08/2022 |



# 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.: 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:                                   |  | 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:                                   |  | 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

*Victor*  
 Signature

1400 S JBS PARKWAY                      ODESSA TX. 79766  
 Address                                      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

*Karen Zornes*  
 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 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.



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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 V1A |         |         |         |         |         |         |         |
| 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

  
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.

- 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\\_tloc=&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_tloc=&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.



# 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.:   | 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                                       |   |  |
| Size of casing in O.D. (in.):   | 5 1/2                              |   | Casing weight (lbs/ft) and grade:          | 23# P-110                                   |   |  |
| 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:  |  |
| 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:  |  |
| 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% SuspendedCem 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

*Baldeomar Alcantar*  
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

*Karen Zornes*  
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.

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- 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**

**OPERATOR Name:** OASIS PETROLEUM PERMIAN LLC      **RE: Lease:** UL JEFF EAST C 17-27-5 WA  
**Address1:** 1001 FANNIN STREET STE 1500  
**Address2:**      **Well No:** 3H  
**City:** HOUSTON      **Sec:** 27      **Block:** 17  
**State:** TX      **County:** WARD  
**Survey Name:** 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. A copy of this approved letter must be kept on location during all phases of drilling and/or plugging operations. Once approved, changes CANNOT be made to the Proposed Casing Program on the original application without additional approval from the Railroad Commission of Texas District Office.
- b. Any substantive modifications to the cement program require prior approval from the Railroad Commission of Texas District Office, and may require re-submission of the SWR 13 (Statewide Rule 13) Alternate Surface Casing Application. Contact the Railroad Commission of Texas District Office for more information.
- c. The tail slurry must be sufficient to fill the Zone of Critical Cement as described in Statewide Rule 13(b)(1)(H)(i). In addition, all cement slurries must be mixed on location as described in Application for Alternate Surface Casing Program.
- d. The casing and cement program shall adhere to the following specifications:

Set 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:                  |   |                                 |   |
| <input checked="" type="checkbox"/> Approved | <input type="checkbox"/> Approved as Modified | <input type="checkbox"/> Denied | By: <b>Ryne Smith</b> Date: <b>8/4/21</b> |
| RRC Use Only ▶ Remarks/Modifications:        |   |                                 |   |
|  |   |                                 |   |
|  |   |                                 |   |

Tracking No.: 273050

**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:   | Pyote             |
| 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     | 7.5    | 5.9    | 7.5    |
| 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**

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<br><b>PHANTOM (WOLFCAMP)</b>  | 2. Lease name as shown on proration schedule<br><b>UL JEFF EAST C 17-27-5 WA</b> |                                      |                          |   |  |
| 3. Current operator name exactly as shown on P-5 Organization Report<br><b>PERCUSSION PETROLEUM OPER II,LLC</b>                      | 4. Operator P-5 no.<br><b>653216</b>   | 5. Oil Lse/Gas ID no<br><b>57425</b> | 6. County<br><b>WARD</b> | 7. RRC district<br><b>08</b>  |  |
| 8. Operator address including city, state, and zip code<br><b>1001 FANNIN STREET STE 2200<br/>                 HOUSTON, TX 77002</b> | 9. Well no(s) (see instruction E)<br><b>3H</b>                                   |                                      |                          | 10. Classification<br><input checked="" type="checkbox"/> Oil <input type="checkbox"/> Gas <input type="checkbox"/> Other (see instruction A) |  |
| 11. Effective Date<br><b>04/25/2022</b>  |  |                                      |                          |   |  |

12. Purpose of Filing. (Complete section a or b below.) (See instructions B and G)

**a. Change of:**  operator  oil or condensate gatherer  gas gatherer  gas purchaser  gas purchaser system code  
 field name from: \_\_\_\_\_ Docket #: \_\_\_\_\_  
 lease name from: \_\_\_\_\_

---

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

**RRC USE ONLY:** Reviewer's initials: RRC Staff Approval date: 09/13/2022

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

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

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

|  |  |
|--|--|
| Name (print)<br>_____<br>Title<br><u>kzornes@ntglobal.com</u><br>E-mail Address (optional) | Signature<br>_____<br><input type="checkbox"/> <b>Authorized Employee of current operator</b><br><input checked="" type="checkbox"/> <b>Authorized agent of current operator (see instruction G)</b><br>Date<br><u>07/28/2022</u><br>Phone with area code<br><u>(281) 872-9300</u> |
|--|--|





## GROUNDWATER PROTECTION DETERMINATION

Form GW-2



## Groundwater Advisory Unit

|                      |  |                        |                           |
|----------------------|--|------------------------|---------------------------|
| <b>Date Issued:</b>  | 12 July 2021   | <b>GAU Number:</b>     | 310252                    |
| <b>Attention:</b>    | OASIS PETROLEUM PERMIAN<br>1001 FANNIN STREET STE<br>HOUSTON, TX 77002 | <b>API Number:</b>     | 47538138                  |
| <b>Operator No.:</b> | 617484   | <b>County:</b>         | WARD                      |
|                      |  | <b>Lease Name:</b>     | UL JEFF EAST B 17-27-5 WB |
|                      |  | <b>Lease Number:</b>   |                           |
|                      |  | <b>Well Number:</b>    | 2H                        |
|                      |  | <b>Total Vertical:</b> | 12500                     |
|                      |  | <b>Latitude:</b>       | 31.602844                 |
|                      |  | <b>Longitude:</b>      | -103.208184               |
|                      |  | <b>Datum:</b>          | 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.

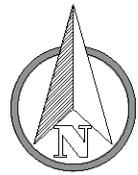
Note: Unless stated otherwise, this recommendation is intended to apply only to the subject well and not for area-wide use. Unless stated otherwise, this recommendation is for normal drilling, production, and plugging operations only.

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.

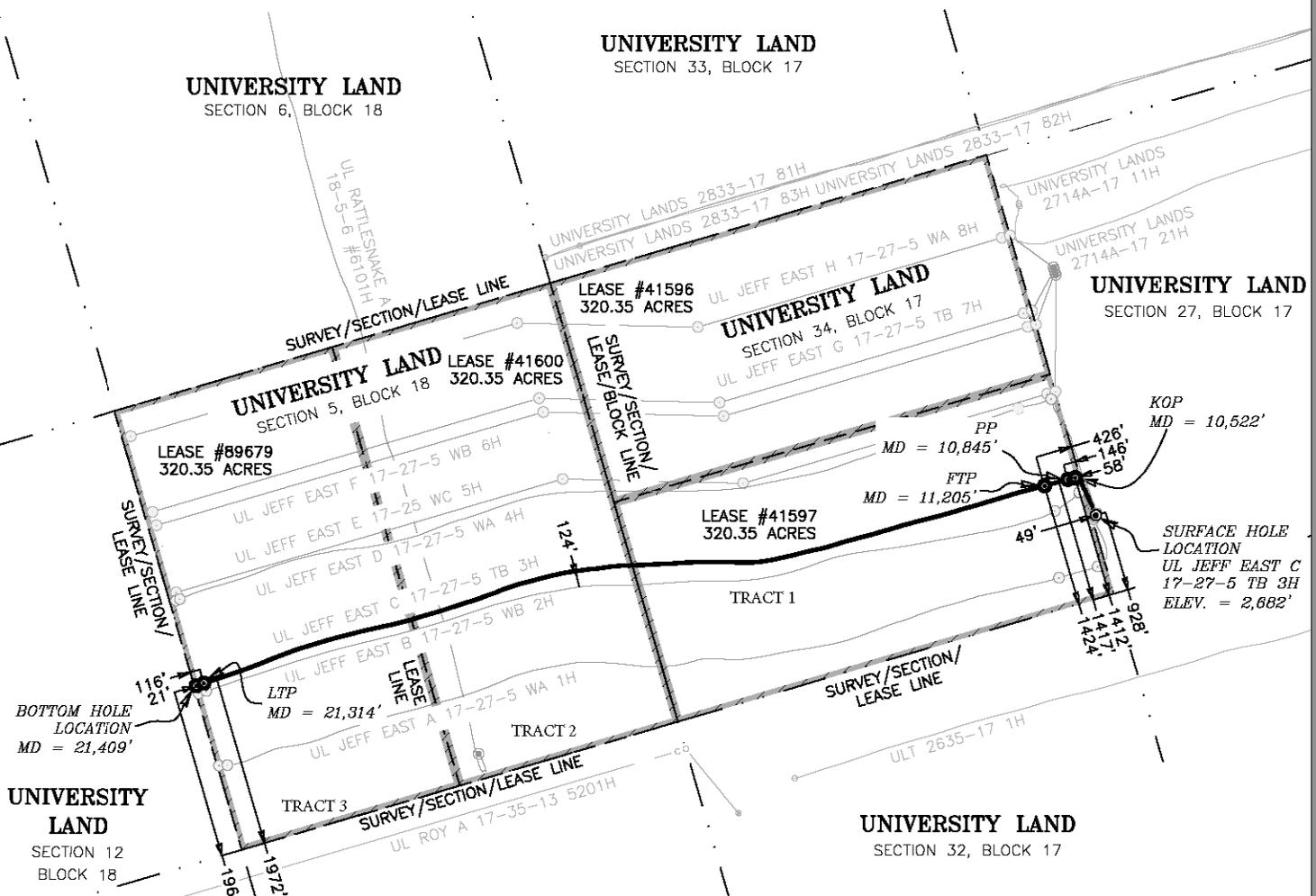
Groundwater Advisory Unit, Oil and Gas Division

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**

1. COORDINATES SHOWN ARE BASED ON THE TEXAS STATE PLANE COORDINATE SYSTEM OF NAD 27, TEXAS CENTRAL ZONE, 4203.
2. VERTICAL DATUM IS NAVD 88
3. LATITUDE AND LONGITUDE ARE NAD 27 AS SHOWN
4. AREA, DISTANCES, AND COORDINATES ARE "GRID".
5. UNITS ARE UNITED STATES SURVEY FOOT.
6. ALL LEASE AND TRACT INFORMATION SHOWN HERE ON IS DONE SO BY LIMITED DEED RECORD INFORMATION ONLY.
7. ALL ACREAGES SHOWN ARE BY DEED AND LEASE CALL, EXCEPT WHERE NOTED.
8. 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                               |
|-----------------------------------|-----------------------------------|
| <b>928' FSL &amp; 49' FWL</b>     | <b>1,424' FSL &amp; 426' FELL</b> |
| <b>OUT OF LEASE</b>               | <b>NAD 27 TXC</b>                 |
| <b>NAD 27 TXC</b>                 | 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             | <b>NAD 83 TXC</b>                 |
| <b>NAD 83 TXC</b>                 | 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             | <b>LTP</b>                        |
| <b>PP</b>                         | <b>1,972' FSL &amp; 116' FWLL</b> |
| <b>1,412' FSL &amp; 58' FELL</b>  | <b>NAD 27 TXC</b>                 |
| <b>NAD 27 TXC</b>                 | Y = 713,870.29                    |
| Y = 716,226.27                    | X = 1,094,577.78                  |
| X = 1,104,618.03                  | LAT. = 31.598961 °N               |
| LAT. = 31.604153 °N               | LONG. = 103.241706 °W             |
| LONG. = 103.209665 °W             | <b>NAD 83 TXC</b>                 |
| <b>NAD 83 TXC</b>                 | 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             | <b>BOTTOM HOLE LOCATION</b>       |
| <b>KOP</b>                        | <b>1,968' FSL &amp; 21' FWLL</b>  |
| <b>1,417' FSL &amp; 146' FELL</b> | <b>NAD 27 TXC</b>                 |
| <b>NAD 27 TXC</b>                 | Y = 713,839.42                    |
| Y = 716,246.61                    | X = 1,094,487.94                  |
| X = 1,104,704.02                  | LAT. = 31.598869 °N               |
| LAT. = 31.604215 °N               | LONG. = 103.241992 °W             |
| LONG. = 103.209391 °W             | <b>NAD 83 TXC</b>                 |
| <b>NAD 83 TXC</b>                 | Y = 10,556,415.08                 |
| Y = 10,558,822.31                 | X = 1,390,952.95                  |
| X = 1,401,169.13                  | LAT. = 31.597001 °N               |
| LAT. = 31.604347 °N               | LONG. = 103.242438 °W             |
| LONG. = 103.209835 °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 18, 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          |



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