

API No. <u>42-475-38543</u> Drilling Permit # <u>888291</u> SWR Exception Case/Docket No. <u>0339301</u> (R37)		<b>RAILROAD COMMISSION OF TEXAS</b> <b>OIL &amp; GAS DIVISION</b> <b>APPLICATION FOR PERMIT TO DRILL, RECOMPLETE, OR RE-ENTER</b> <i>This facsimile W-1 was generated electronically from data submitted to the RRC.</i> <i>A certification of the automated data is available in the RRC's Austin office.</i>				<b>FORM W-1</b> 07/2004 Permit Status: <b>Approved</b>	
1. RRC Operator No. <u>173777</u>		2. Operator's Name (as shown on form P-5, Organization Report) <b>CONTINENTAL RESOURCES, INC.</b>		3. Operator Address (include street, city, state, zip): <b>ATTN: ROBERT SANDBO</b> <b>PO BOX 268870</b> <b>OKLAHOMA CITY, OK 73126-0000</b>			
4. Lease Name <b>UTL 0708E</b>		5. Well No. <u>0605H</u>					
<b>GENERAL INFORMATION</b>							
6. Purpose of filing (mark ALL appropriate boxes): <input checked="" type="checkbox"/> New Drill <input type="checkbox"/> Recompletion <input type="checkbox"/> Reclass <input type="checkbox"/> Field Transfer <input type="checkbox"/> Re-Enter <input type="checkbox"/> Amended <input type="checkbox"/> Amended as Drilled (BHL) (Also File Form W-1D)							
7. Wellbore Profile (mark ALL appropriate boxes): <input type="checkbox"/> Vertical <input checked="" type="checkbox"/> Horizontal (Also File Form W-1H) <input type="checkbox"/> Directional (Also File Form W-1D) <input type="checkbox"/> Sidetrack							
8. Total Depth <u>11400</u>		9. Do you have the right to develop the minerals under any right-of-way ? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		10. Is this well subject to Statewide Rule 36 (hydrogen sulfide area)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
<b>SURFACE LOCATION AND ACREAGE INFORMATION</b>							
11. RRC District No. <u>08</u>		12. County <b>WARD</b>		13. Surface Location <input checked="" type="checkbox"/> Land <input type="checkbox"/> Bay/Estuary <input type="checkbox"/> Inland Waterway <input type="checkbox"/> Offshore			
14. This well is to be located <u>9.2</u> miles in a <u>NW</u> direction from <u>PYOTE</u> which is the nearest town in the county of the well site.							
15. Section <u>6</u>	16. Block <u>18</u>	17. Survey <b>UL</b>		18. Abstract No. <u>A-</u>	19. Distance to nearest lease line: ft.	20. Number of contiguous acres in lease, pooled unit, or unitized tract: <u>961</u>	
21. Lease Perpendiculars: <u>84</u> ft from the <u>N</u> line and <u>2222</u> ft from the <u>W</u> line.							
22. Survey Perpendiculars: <u>84</u> ft from the <u>N</u> line and <u>2222</u> ft from the <u>W</u> line.							
23. Is this a pooled unit? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		24. Unitization Docket No:		25. Are you applying for Substandard Acreage Field? <input type="checkbox"/> Yes (attach Form W-1A) <input checked="" type="checkbox"/> No			
<b>FIELD INFORMATION    List all fields of anticipated completion including Wildcat. List one zone per line.</b>							
26. RRC District No.	27. Field No.	28. Field Name (exactly as shown in RRC records)		29. Well Type	30. Completion Depth	31. Distance to Nearest Well in this Reservoir	
<u>08</u>	<u>71052900</u>	<u>PHANTOM (WOLFCAMP)</u>		<u>Oil or Gas Well</u>	<u>11400</u>	<u>504.00</u>	
<b>BOTTOMHOLE LOCATION INFORMATION is required for DIRECTIONAL, HORIZONTAL, AND AMENDED AS DRILLED PERMIT APPLICATIONS (see W-1H attachment)</b>							
<b>Remarks</b> See W1 Comments attached				<b>Certificate:</b> I certify that information stated in this application is true and complete, to the best of my knowledge. <b>Dawn Richardson, Regulatory Compliance Specialist</b> Name of filer <u>Feb 17, 2023</u> Date submitted			
				Phone <u>(405)2349575</u> E-mail Address (OPTIONAL) <u>dawn.richardson@clr.com</u>			
<b>RRC Use Only</b> Data Validation Time Stamp: <u>Feb 24, 2023 3:46 PM( 'As Approved' Version )</u>							

Permit Status: Approved

The RRC has not approved this application.  
Duplication or distribution of information is  
at the user's own risk.

RAILROAD COMMISSION OF TEXAS  
OIL & GAS DIVISION

APPLICATION FOR PERMIT TO DRILL, RECOMPLETE, OR RE-ENTER

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Permit #888291

Approved Date: Feb 24, 2023

1. RRC Operator No. 173777	2. Operator's Name (exactly as shown on form P-5, Organization Report) CONTINENTAL RESOURCES, INC.	3. Lease Name UTL 0708E	4. Well No. 0605H
Lateral Drainhole Location Information			
5. Field as shown on Form W-1 PHANTOM (WOLFCAMP) (Field # 71052900, RRC District 08)			
6. Section 8	7. Block 18	8. Survey UL	9. Abstract
		10. County of BHL WARD	
11. Terminus Lease Line Perpendiculars 100 ft. from the N line. and 796 ft. from the E line			
12. Terminus Survey Line Perpendiculars 100 ft. from the N line. and 1844 ft. from the W line			
13. Penetration Point Lease Line Perpendiculars 200 ft. from the N line. and 1844 ft. from the W line			

Permit Status:	Approved
<i>The RRC has not approved this application. Duplication or distribution of information is at the user's own risk.</i>	

**RAILROAD COMMISSION OF TEXAS  
OIL & GAS DIVISION**

**APPLICATION FOR PERMIT TO DRILL, RECOMPLETE, OR RE-ENTER**

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**W-1 Comments**

Permit #	888291
Approved Date:	Feb 24, 2023

[ Feb 15, 2023 2:24 PM]: Commission Staff expresses no opinion as to whether a 100% ownership interest in each of the leases alone or in combination with a "production sharing agreement" confers the right to drill across lease/unit lines or whether a pooling agreement is also required. However, until that issue is directly addressed and ruled upon by a Texas court of competent jurisdiction it appears that a 100% interest in each of the leases and a production sharing agreement constitute a sufficient colorable claim to the right to drill a horizontal well as proposed to authorize the removal of the regulatory bar and the issuance of a drilling permit by the Commission, assuming the proposed well is in compliance with all other relevant Commission requirements.

Issuance of the permit is not an endorsement or approval of the applicant's stated method of allocating production proceeds among component leases or units. All production must be reported to the Commission as production from the lease or pooled unit on which the wellhead is located and reported production volume must be determined by actual measurement of hydrocarbon volumes prior to leaving that tract and may not be based on allocation or estimation. Payment of royalties is a contractual matter between the lessor and lessee. Interpreting the leases and determining whether the proposed proceeds allocation comports with the relevant leases is not a matter within Commission jurisdiction but a matter for the parties to the lease and, if necessary, a Texas court of competent jurisdiction.

The foregoing statements are not, and should not be construed as, a final opinion or decision of the Railroad Commission.; [FILER Feb 15, 2023 2:39 PM]: NPZ FOR ULM; [RRC STAFF Feb 22, 2023 2:48 PM]: There have been problems identified with this permit (see problem letter attachment). Notification sent.; [RRC STAFF Feb 24, 2023 3:46 PM]: Problems identified with this permit are resolved.

**RAILROAD COMMISSION OF TEXAS**  
**OIL & GAS DIVISION**

PERMIT TO DRILL, DEEPEN, PLUG BACK, OR RE-ENTER ON A REGULAR OR ADMINISTRATIVE EXCEPTION LOCATION

PERMIT NUMBER <b>888291</b>	DATE PERMIT ISSUED OR AMENDED <b>Feb 24, 2023</b>	DISTRICT <b>* 08</b>			
API NUMBER <b>42-475-38543</b>	FORM W-1 RECEIVED <b>Feb 17, 2023</b>	COUNTY <b>WARD</b>			
TYPE OF OPERATION <b>NEW DRILL</b>	WELLBORE PROFILE(S) <b>Horizontal</b>	ACRES <b>961</b>			
OPERATOR <b>CONTINENTAL RESOURCES, INC.</b>  ATTN: ROBERT SANDBO PO BOX 268870 OKLAHOMA CITY, OK 73126-0000		NOTICE This permit and any allowable assigned may be revoked if payment for fee(s) submitted to the Commission is not honored. <b>District Office Telephone No:</b> <b>(432) 684-5581</b>			
LEASE NAME <b>UTL 0708E</b>		WELL NUMBER <b>0605H</b>			
LOCATION <b>9.2 miles NW direction from PYOTE</b>		TOTAL DEPTH <b>11400</b>			
Section, Block and/or Survey SECTION <b>6</b> BLOCK <b>18</b> ABSTRACT SURVEY <b>UL</b>					
DISTANCE TO SURVEY LINES <b>84 ft. N    2222 ft. W</b>		DISTANCE TO NEAREST LEASE LINE <b>ft.</b>			
DISTANCE TO LEASE LINES <b>84 ft. N    2222 ft. W</b>		DISTANCE TO NEAREST WELL ON LEASE <b>See FIELD(s) Below</b>			
FIELD(s) and LIMITATIONS: <p style="text-align: center;">*    SEE FIELD DISTRICT FOR REPORTING PURPOSES    *</p> <p style="text-align: center;">** THIS PERMIT IS GRANTED PURSUANT TO STATEWIDE RULE 37(h)(2)(B) **</p> <p style="text-align: center;">CASE NO. 0339301</p>					
FIELD NAME LEASE NAME		ACRES NEAREST LEASE	DEPTH NEAREST WE	WELL # NEAREST WE	DIST
** PHANTOM (WOLFCAMP) <b>UTL 0708E</b>		<b>961.00</b>	<b>11,400</b>	<b>0605H</b> <b>504</b>	<b>08</b>
WELLBORE PROFILE(s) FOR FIELD: <b>Horizontal</b>					
RESTRICTIONS:    No perforations or take points may be placed in the wellbore where a "NO PERF ZONE" was designated on the plat that was approved for this permit. If at such time the NPZ's are no longer applicable, then an amended permit will be required to remove the NPZ restriction before completing the well. This is a hydrogen sulfide field. Hydrogen Sulfide Fields with perforations must be isolated and tested per State Wide Rule 36 and a Form H-9 filed with the district office. Fields with SWR 10 authority to downhole commingle must be isolated and tested individually prior to commingling production.  Lateral: TH1 Penetration Point Location Lease Lines:            200.0 F N L 1844.0 F W L  Terminus Location BH County: WARD Section: 8                      Block: 18                      Abstract: Survey: UL Lease Lines:            100.0 F N L 796.0 F E L Survey Lines:        100.0 F N L 1844.0 F W L					

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**OIL & GAS DIVISION**

PERMIT TO DRILL, DEEPEN, PLUG BACK, OR RE-ENTER ON A REGULAR OR ADMINISTRATIVE EXCEPTION LOCATION

PERMIT NUMBER <div style="text-align: right;">888291</div>	DATE PERMIT ISSUED OR AMENDED <div style="text-align: right;">Feb 24, 2023</div>	DISTRICT <div style="text-align: right;">* 08</div>
API NUMBER <div style="text-align: right;">42-475-38543</div>	FORM W-1 RECEIVED <div style="text-align: right;">Feb 17, 2023</div>	COUNTY <div style="text-align: right;">WARD</div>
TYPE OF OPERATION <div style="text-align: right;">NEW DRILL</div>	WELLBORE PROFILE(S) <div style="text-align: right;">Horizontal</div>	ACRES <div style="text-align: right;">961</div>
OPERATOR <div style="text-align: right;">173777</div> <div style="text-align: right;">CONTINENTAL RESOURCES, INC.</div> <div style="text-align: right;">ATTN: ROBERT SANDBO</div> <div style="text-align: right;">PO BOX 268870</div> <div style="text-align: right;">OKLAHOMA CITY, OK 73126-0000</div>		NOTICE This permit and any allowable assigned may be revoked if payment for fee(s) submitted to the Commission is not honored. <b>District Office Telephone No:</b> <div style="text-align: right;">(432) 684-5581</div>
LEASE NAME <div style="text-align: right;">UTL 0708E</div>		WELL NUMBER <div style="text-align: right;">0605H</div>
LOCATION <div style="text-align: right;">9.2 miles NW direction from PYOTE</div>		TOTAL DEPTH <div style="text-align: right;">11400</div>
Section, Block and/or Survey SECTION ⚡ 6                      BLOCK ⚡ 18                      ABSTRACT ⚡ SURVEY ⚡ UL		
DISTANCE TO SURVEY LINES <div style="text-align: right;">84 ft. N    2222 ft. W</div>		DISTANCE TO NEAREST LEASE LINE <div style="text-align: right;">ft.</div>
DISTANCE TO LEASE LINES <div style="text-align: right;">84 ft. N    2222 ft. W</div>		DISTANCE TO NEAREST WELL ON LEASE <div style="text-align: right;">See FIELD(s) Below</div>
FIELD(s) and LIMITATIONS: <div style="text-align: center;">                     * SEE FIELD DISTRICT FOR REPORTING PURPOSES *                      ** THIS PERMIT IS GRANTED PURSUANT TO STATEWIDE RULE 37(h)(2)(B) **                      CASE NO. 0339301                 </div> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div>                     FIELD NAME                      LEASE NAME                 </div> <div>                     ACRES                      NEAREST LEASE                 </div> <div>                     DEPTH                      NEAREST LEASE                 </div> <div>                     WELL #                      NEAREST WE                 </div> <div>                     DIST                 </div> </div> <div style="margin-top: 20px;">                     ' ** ' PRECEDING FIELD NAME INDICATES RULE (R37)                 </div> <div style="text-align: center; margin-top: 20px;">                     THE FOLLOWING RESTRICTIONS APPLY TO ALL FIELDS                 </div> <p>This well shall be completed and produced in compliance with applicable special field or statewide spacing and density rules. If this well is to be used for brine mining, underground storage of liquid hydrocarbons in salt formations, or underground storage of gas in salt formations, a permit for that specific purpose must be obtained from Environmental Services prior to construction, including drilling, of the well in accordance with Statewide Rules 81, 95, and 97.</p> <p>This well must comply to the new SWR 3.13 requirements concerning the isolation of any potential flow zones and zones with corrosive formation fluids. See approved permit for those formations that have been identified for the county in which you are drilling the well in.</p>		

**RAILROAD COMMISSION OF TEXAS  
OIL & GAS DIVISION  
SWR #13 Formation Data**

**WARD (475) County**

Formation	Remarks	Geological Order	Effective Date
RUSTLER		1	02/09/2020
YATES		2	02/09/2020
SEVEN RIVERS		3	02/09/2020
QUEEN		4	02/09/2020
CAPITAN REEF	high flows	5	02/09/2020
SAN ANDRES	high flows, H2S, corrosive	6	02/09/2020
DELAWARE		7	02/09/2020
GLORIETA		8	02/09/2020
HOLT		9	02/09/2020
CLEARFORK		10	02/09/2020
TUBB		11	02/09/2020
CHERRY CANYON		12	02/09/2020
BONE SPRING		13	02/09/2020
WICHITA ALBANY		14	02/09/2020
WOLFCAMP		15	02/09/2020
PENNSYLVANIAN		16	02/09/2020
ATOKA		17	02/09/2020
DEVONIAN		18	02/09/2020
FUSSELMAN		19	02/09/2020
MONTOYA		20	02/09/2020
WADDELL		21	02/09/2020
ELLENBURGER		22	02/09/2020
PRECAMBRIAN (UNDIFFERENTIATED)		23	02/09/2020

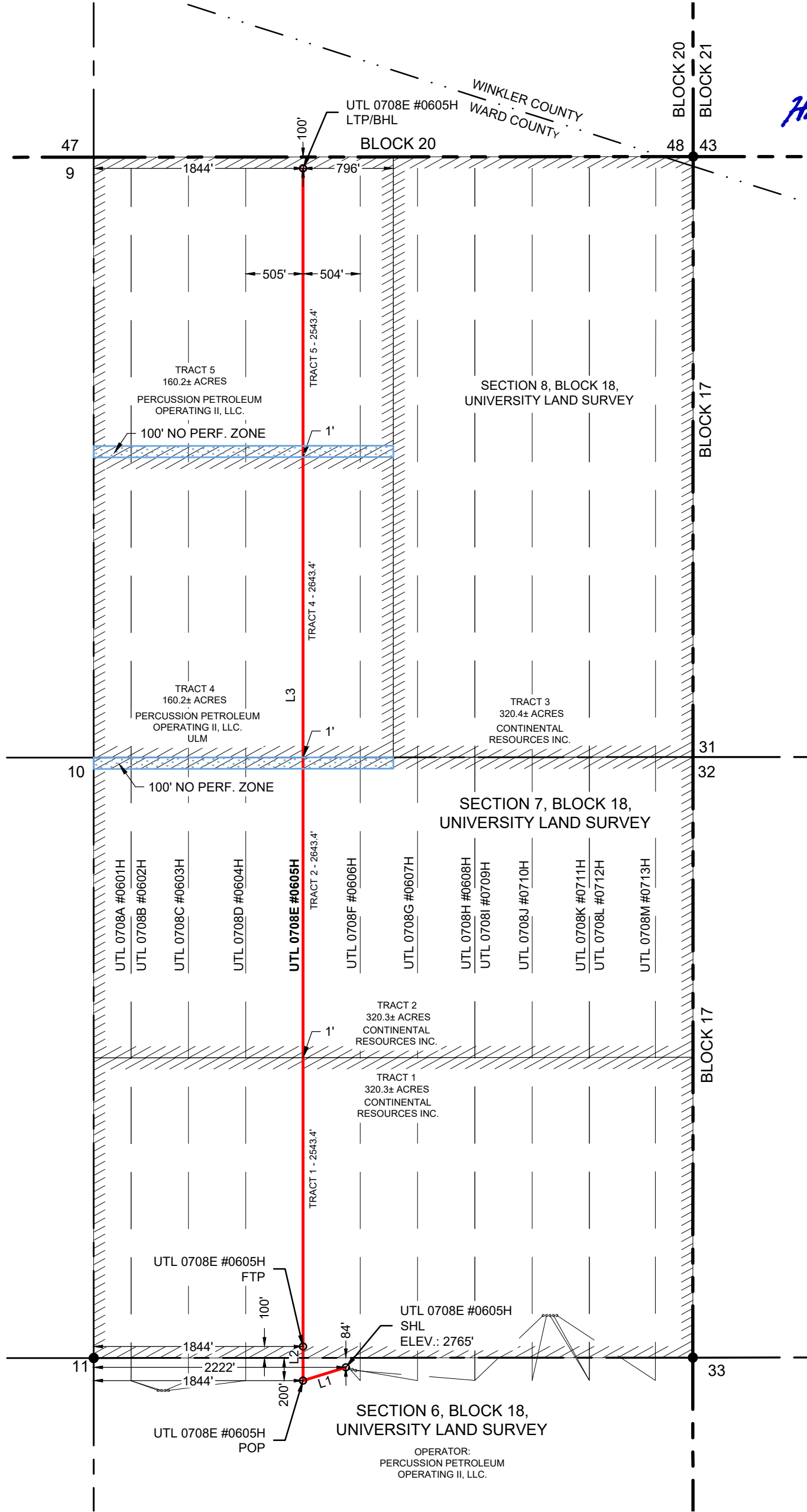
The above list may not be all inclusive, and may also include formations that do not intersect all wellbores. The listing order of the Formation information reflects the general stratigraphic order and relative geologic age. This is a dynamic list subject to updates and revisions. It is the operator's responsibility to make sure that at the time of spudding the well the most current list is being referenced. Refer to the RRC website at the following address for the most recent information.  
<http://www.rrc.texas.gov/oil-gas/compliance-enforcement/rule-13-geologic-formation-info>

UTL 0708E #0605H	NORTHING (Y) (NAD 27)	EASTING (X) NAD 27)	LATITUDE (NAD 27)	LONGITUDE (NAD 27)	SECTION LINE		SECTION LINE		LEASE LINE		LEASE LINE		SECTION
					FOOTAGE	FNL/FSL	FOOTAGE	FEL/FWL	FOOTAGE	FNL/FSL	FOOTAGE	FEL/FWL	
SURFACE HOLE LOCATION (SHL)	722638.8'	1094212.2'	31.621033°	-103.243617°	84'	FNL	2222'	FWL	84'	FNL	2222'	FWL	6
POINT OF PENETRATION (POP)	722420.6'	1093882.1'	31.620409°	-103.244659°	200'	FNL	1844'	FWL	200'	FNL	1844'	FWL	6
FIRST TAKE POINT (FTP)	722708.9'	1093798.0'	31.621195°	-103.244953°	100'	FSL	1844'	FWL	100'	FSL	1844'	FWL	7
LAST TAKE POINT/BOTTOM HOLE LOCATION (LTP/BHL)	732667.7'	1090893.6'	31.648355°	-103.255121°	100'	FNL	1844'	FWL	100'	FNL	796'	FEL	8

LINE	BEARING	DISTANCE
L1	S 56°35'02" W	395.6'
L2	N 16°15'32" W	300.0'
L3	N 16°15'32" W	10373.6'
TOTAL		11069.2'



*Hunter Wade Wills*  
02/14/2023



NOTE: AREA IS LOCATED APPROXIMATELY 9.2 MILES NORTHWEST OF PYOTE, WARD COUNTY, TEXAS.



3300 NORTH A STREET, BUILDING 2, SUITE 120  
MIDLAND, TX 79705-5471  
TEL (432) 253-3255

TBPELS SURVEYING FIRM #10193998  
DATE: 2/2/2023 REV: 2/13/2023  
BY: R. CABELLO REV: J. ALVAREZ  
AVO: 046846.035

LEGEND

- SUBJECT LATERAL
- SECTION LINE
- COUNTY LINE
- BLOCK LINE
- PROPOSED LATERAL
- LEASE LINE
- NO PERF. ZONE (NPZ)
- FOUND MONUMENT
- UNLEASED MINERAL

NOTES:

- THE BASIS OF BEARING OF THE SURVEY IS THE TEXAS COORDINATE SYSTEM, NORTH AMERICAN DATUM 1927 (NAD 27), CENTRAL ZONE (4203).
- ALL TEXAS STATE PLANE COORDINATES AND GEOGRAPHIC COORDINATES SHOWN HEREON ARE NAD 27 GRID COORDINATES AS COMPUTED BY CORPSCON VERSION 6.0.1. ALL GEOGRAPHIC COORDINATES SHOWN HEREON WERE CONVERTED USING CORPSCON VERSION 6.0.1. UNLESS OTHERWISE NOTED, ALL DISTANCES SHOWN HEREON ARE GRID DISTANCES AND THEY CAN BE CONVERTED TO SURFACE WHEN MULTIPLIED WITH A "SURFACE ADJUSTMENT FACTOR" OF 1.000191647, AS CALCULATED BY CORPSCON.
- ELEVATIONS SHOWN HEREON ARE NAVD88 AS DERIVED BY GPS.
- THIS EXHIBIT IS FOR TEXAS RAILROAD COMMISSION WELL PERMITTING PURPOSES ONLY. BOUNDARY LINES AND ACREAGE SHOWN HEREON REFLECT THE SURVEYORS PROFESSIONAL OPINION OF MINERAL RIGHTS AS DETERMINED FROM CLIENT-PROVIDED OIL AND GAS MINERAL LEASE DOCUMENTATION. THE INFORMATION DEPICTED HEREON SHALL NOT BE USED IN THE CONVEYANCE OF FEE TITLE TO REAL PROPERTY.
- ALL MEASUREMENTS TO LEASE, UNIT, AND SURVEY LINES ARE PERPENDICULAR TO SAID LINES.
- THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF A TITLE REPORT.

CONTINENTAL RESOURCES, INC.

PERMIT PLAT

UTL 0708E #0605H

TRACT 1 - 320.3± ACRES  
TRACT 2 - 320.3± ACRES  
TRACT 4 - 160.2± ACRES  
TRACT 5 - 160.2± ACRES  
TRACT TOTAL - 961.0± ACRES

LOCATED IN:  
SECTION 6, SECTION 7, AND SECTION 8,  
BLOCK 18, UNIVERSITY LAND SURVEY,  
WARD COUNTY, TEXAS