

API No. <u>42-383-40619</u> Drilling Permit # <u>852545</u> SWR Exception Case/Docket No. <u>0319874</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>
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1. RRC Operator No. <b>742251</b>	2. Operator's Name (as shown on form P-5, Organization Report) <b>SABLE PERMIAN RESOURCES, LLC</b>	3. Operator Address (include street, city, state, zip): <b>700 MILAM STREET SUITE 3100 HOUSTON, TX 77002-0000</b>
4. Lease Name <b>UNIVERSITY OWENS 1-6 ALLOC 33</b>	5. Well No. <b>33HK</b>	

**GENERAL INFORMATION**

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 checked="" 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 <b>9000</b>	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 type="checkbox"/> Yes		<input checked="" type="checkbox"/> No	

**SURFACE LOCATION AND ACREAGE INFORMATION**

11. RRC District No. <b>7C</b>	12. County <b>REAGAN</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>8.43</u> miles in a <u>NW</u> direction from <u>BARNHART</u> which is the nearest town in the county of the well site.						
15. Section <b>235</b>	16. Block <b>1</b>	17. Survey <b>T&amp;P RR CO</b>	18. Abstract No. <b>A-576</b>	19. Distance to nearest lease line: <b>1</b> ft.	20. Number of contiguous acres in lease, pooled unit, or unitized tract: <b>1740.5</b>	
21. Lease Perpendiculars: <u>745</u> ft from the <u>S</u> line and <u>610</u> ft from the <u>E</u> line.		22. Survey Perpendiculars: <u>745</u> ft from the <u>S</u> line and <u>610</u> ft from the <u>E</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		

**FIELD INFORMATION List all fields of anticipated completion including Wildcat. List one zone per line.**

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	32. Number of Wells on this lease in this Reservoir
7C	53613750	LIN (WOLFCAMP)	Oil or Gas Well	7500	530.00	10

**BOTTOMHOLE LOCATION INFORMATION is required for DIRECTIONAL, HORIZONTAL, AND AMENDED AS DRILLED PERMIT APPLICATIONS (see W-1H attachment)**

<b>Remarks</b> See W1 Comments attached	<p style="text-align: center;"><b>Certificate:</b></p> I certify that information stated in this application is true and complete, to the best of my knowledge. <div style="text-align: center;"> <b>Brenda Hoffman, Senior Regulatory Specialist</b>            Name of filer         </div> <div style="text-align: right;"> <b>May 06, 2019</b>            Date submitted         </div> <div style="text-align: center;"> <u>(713)5798049</u>            Phone         </div> <div style="text-align: right;"> <u>bhoffman@sableres.com</u>            E-mail Address (OPTIONAL)         </div>
<b>RRC Use Only</b> Data Validation Time Stamp: May 9, 2019 2:23 PM( 'As Approved' Version )	

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

**Form W-1H** 07/2004  
**Supplemental Horizontal Well Information**

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

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

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Permit # **852545**  
Approved Date: **May 09, 2019**

1. RRC Operator No. <b>742251</b>	2. Operator's Name (exactly as shown on form P-5, Organization Report) <b>SABLE PERMIAN RESOURCES, LLC</b>	3. Lease Name <b>UNIVERSITY OWENS 1-6 ALLOC 33</b>	4. Well No. <b>33HK</b>
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**Lateral Drainhole Location Information**

5. Field as shown on Form W-1 **LIN (WOLFCAMP) (Field # 53613750, RRC District 7C)**

6. Section <b>1</b>	7. Block <del>84</del> <b>48</b>	8. Survey <b>UL / A-U313</b>	9. Abstract	10. County of BHL <b>REAGAN</b>
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11. Terminus Lease Line Perpendiculars <b>15</b> ft. from the <b>S</b> line. and <b>740</b> ft. from the <b>E</b> line
12. Terminus Survey Line Perpendiculars <b>15</b> ft. from the <b>S</b> line. and <b>740</b> ft. from the <b>E</b> line
13. Penetration Point Lease Line Perpendiculars <b>15</b> ft. from the <b>N</b> line. and <b>4527</b> ft. from the <b>E</b> line

Permit Status: **Approved**

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

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**W-1 Comments**

Permit # **852545**

Approved Date: **May 09, 2019**

[ May 6, 2019 7:40 AM]: 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 May 6, 2019 7:41 AM]: AMEND SHL





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

**REAGAN (383) County**

Formation	Shallow Top	Deep Top	Remarks	Geological Order	Effective Date
GRAYBURG	1,500	2,500		1	12/17/2013
QUEEN	1,900	2,500		2	12/17/2013
SAN ANDRES	2,000	5,000	saltwater flow, possibly heavy	3	12/17/2013
CLEARFORK	3,300	4,000		4	12/17/2013
SPRABERRY	3,300	10,000		5	12/17/2013
STRAWN	9,300	10,200		6	12/17/2013
FUSSELMAN	8,800	11,000		7	12/17/2013
ELLENBURGER	8,700	10,500		8	12/17/2013

The above list may not be all inclusive, and may also include formations that do not intersect all wellbores. Formation "TOP" information listed reflects an estimated range based on geologic variances across the county. To clarify, the "Deep Top" is not the bottom of the formation; it is the deepest depth at which the "TOP" of the formation has been or might be encountered. 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>

NAD 27, Central Zone 4203

Surface Hole Location (Sec. 235)  
 Latitude = 31.162229° N  
 Longitude = 101.302296° W  
 X = 1696938.77  
 Y = 545233.17  
 Elev. = 2702'  
 745' FSL & 610' FEL

Point of Penetration (Sec. 6)  
 Latitude = 31.160155° N  
 Longitude = 101.303389° W  
 X = 1696590.41  
 Y = 544481.89  
 15' FNL & 4527' FEL

First Take Point (Sec. 6)  
 Latitude = 31.159921° N  
 Longitude = 101.303393° W  
 X = 1696588.45  
 Y = 544396.92  
 100' FNL & 4527' FEL

Last Take Point (Sec. 1)  
 Latitude = 31.132250° N  
 Longitude = 101.303857° W  
 X = 1696355.64  
 Y = 534334.61  
 100' FSL & 738' FEL

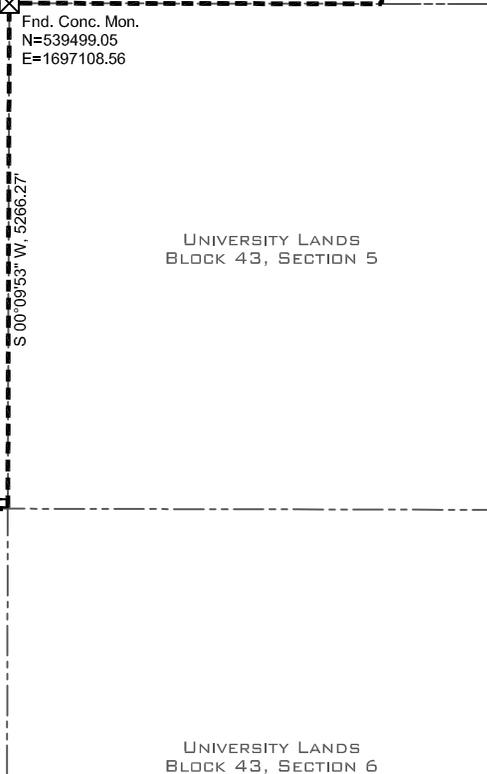
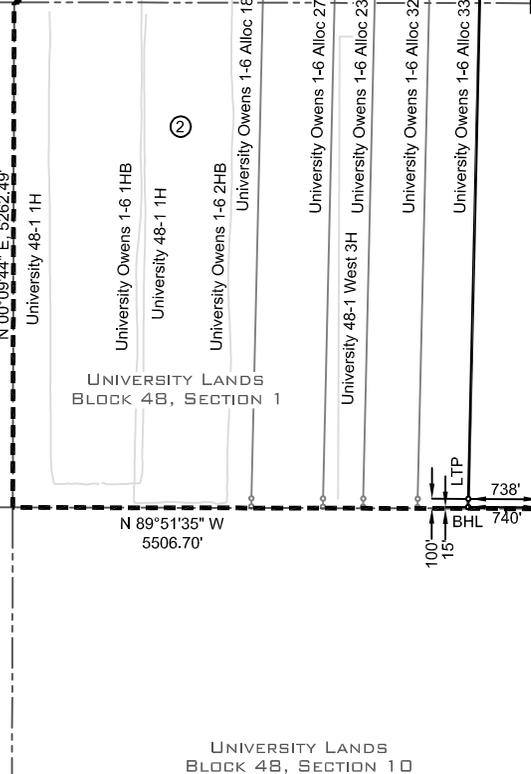
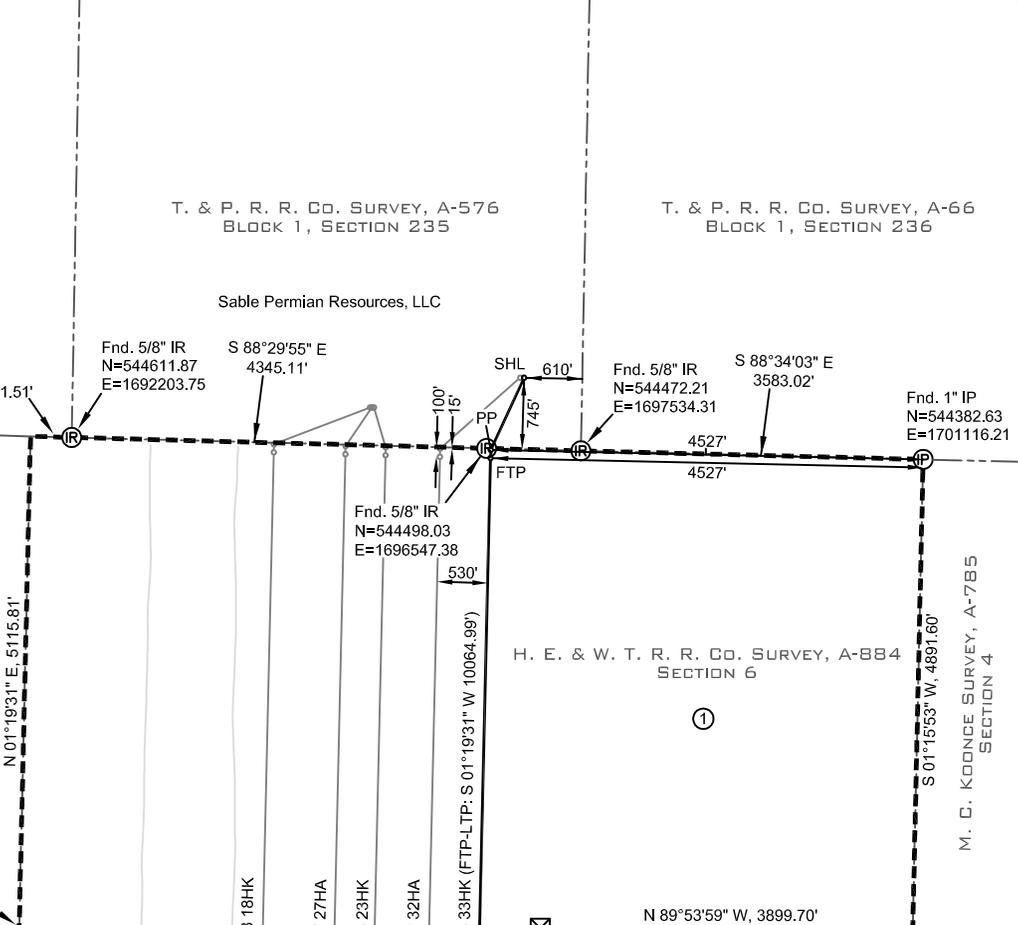
Bottom Hole Location (Sec. 1)  
 Latitude = 31.132016° N  
 Longitude = 101.303860° W  
 X = 1696353.67  
 Y = 534249.62  
 15' FSL & 740' FEL

Lease Boundary Distance	
SHL	Off Lease
PP	15' FNL & 4527' FEL
FTP	100' FNL & 4527' FEL
LTP	100' FSL & 738' FEL
BHL	15' FSL & 740' FEL

H. E. & W. T. R. R. Co. Survey, A-218  
 SECTION 5

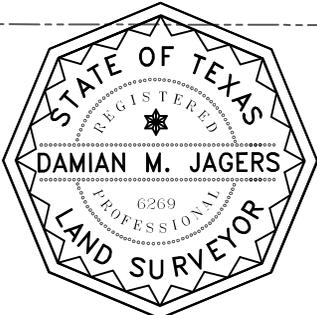
UNIVERSITY LANDS  
 BLOCK 48, SECTION 2

UNIVERSITY LANDS  
 BLOCK 48, SECTION 9



**SABLE PERMIAN RESOURCES**

Well Name  
 University Owens 1-6 Alloc 33 33HK  
 Drilling Field  
 LIN (WOLFCAMP) FIELD  
 Nearest Town  
 8.43 MILES NORTHWEST OF BARNHART, TEXAS



I, Damian M. Jagers do hereby certify that the above described well plat was created from a survey made on the ground under my supervision, as shown.

*Damian M. Jagers* 5/6/2019  
 DAMIAN M. JAGERS REGISTERED PROFESSIONAL LAND SURVEYOR TEXAS REGISTRATION NO. 6269 DATE

NOTE: This Plat does not, in anyway represent a "Boundary Survey", and does not comply with the current T.B.P.L.S. Minimum Standards of Procedures for Boundary Survey. Shown Acreages were furnished by others. The information contained on this plat is intended for the sole use of SABLE PERMIAN RESOURCES LAND,LLC.

NOTE: Bearings and coordinates refer to the Texas Coordinate System of 1927, Central Zone (4203), as observed by GPS observations.

Tract No.	Lessor	Called Acreage
1	Tom Bloxom	1074.6
2	State of Texas	665.9
Total		1740.5



Well Plat for  
 Sable Permian Resources Land,LLC

University Owens 1-6 Alloc 33 33HK  
 T. & P. R. Co. Survey, A-576 // Block 1, Sec. 235  
 H. E. & W. T. R. Co. Survey, A-884 // Section 6  
 University Lands Block 48, Section 1  
 Reagan County, Texas