

API No. <u>42-383-40468</u> Drilling Permit # <u>847194</u> SWR Exception Case/Docket No. <u>0316643 (R37)</u>		<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> Permit Status: <b>Approved</b>	
1. RRC Operator No. <div style="text-align: center;">742252</div>		2. Operator's Name (as shown on form P-5, Organization Report) <div style="text-align: center;">SABLE PERMIAN RESOURCES LAND,LLC</div>			3. Operator Address (include street, city, state, zip) <div style="text-align: center;">700 MILAM STREET SUITE 3100 HOUSTON, TX 77002-0000</div>		
4. Lease Name <div style="text-align: center;">BOOTHE 236-6 ALLOC 06</div>			5. Well No. <div style="text-align: center;">15HC</div>				
<b>GENERAL INFORMATION</b>							
6. Purpose of filing (mark ALL appropriate boxes): <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <span><input checked="" type="checkbox"/> New Drill</span> <span><input type="checkbox"/> Recompletion</span> <span><input type="checkbox"/> Reclass</span> <span><input type="checkbox"/> Field Transfer</span> <span><input type="checkbox"/> Re-Enter</span> </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <span><input type="checkbox"/> Amended</span> <span><input type="checkbox"/> Amended as Drilled (BHL)(Also File Form W-1D)</span> </div>							
7. Wellbore Profile (mark ALL appropriate boxes): <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <span><input type="checkbox"/> Vertical</span> <span><input checked="" type="checkbox"/> Horizontal (Also File Form W-1H)</span> <span><input type="checkbox"/> Directional (Also File Form W-1D)</span> <span><input type="checkbox"/> Sidetrack</span> </div>							
8. Total <div style="text-align: center;">9000</div>		9. Do you have the right to develop minerals under any right-of- <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <span><input checked="" type="checkbox"/> Yes</span> <span><input type="checkbox"/> No</span> </div>		10. Is this well subject to Statewide Rule 36 (hydrogen sulfide area)? <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <span><input type="checkbox"/> Yes</span> <span><input checked="" type="checkbox"/> No</span> </div>			
<b>SURFACE LOCATION AND ACREAGE INFORMATION</b>							
11. RRC District No. <div style="text-align: center;">7C</div>		12. County <div style="text-align: center;">REAGAN</div>		13. Surface Location <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <span><input checked="" type="checkbox"/> Land</span> <span><input type="checkbox"/> Bay/Estuary</span> <span><input type="checkbox"/> Inland Waterway</span> <span><input type="checkbox"/> Offshore</span> </div>			
14. This well is to be located <u>8.05</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 <div style="text-align: center;">236</div>	16. Block <div style="text-align: center;">1</div>	17. Survey <div style="text-align: center;">T&amp;P RR CO/COX, X B</div>	18. Abstract No. <div style="text-align: center;">66</div>	19. Distance to nearest lease line: <div style="text-align: center;">1.0 ft.</div>	20. Number of contiguous acres in lease, pooled unit, or unitized tract: <div style="text-align: center;">1175.26</div>		
21. Lease Perpendiculars: <u>678.0</u> ft. from the <u>N</u> line and <u>1415.0</u> ft. from the <u>W</u> line. 22. Survey Perpendiculars: <u>678.0</u> ft. from the <u>N</u> line and <u>1415.0</u> ft. from the <u>W</u> line.							
23. Is this a pooled unit? <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <span><input type="checkbox"/> Yes</span> <span><input checked="" type="checkbox"/> No</span> </div>		24. Unitization Docket No:		25. Are you applying for Substandard Acreage Field? <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <span><input type="checkbox"/> Yes (attach Form W-1A)</span> <span><input checked="" type="checkbox"/> No</span> </div>			
<b>FIELD INFORMATION      List all fields of anticipated completion including Wildcat. List one zone per line.</b>							
26. RRC District No. <div style="text-align: center;">7C</div>	27. Field No. <div style="text-align: center;">53613750</div>	28. Field Name (exactly as shown in RRC records) <div style="text-align: center;">LIN (WOLFCAMP)</div>	29. Well Type <div style="text-align: center;">Oil or Gas Well</div>	30. Completion Depth <div style="text-align: center;">9000</div>	31. Distance to Nearest Well in this Reservoir <div style="text-align: center;">330.0</div>	32. Number of Wells on this lease in this Reservoir <div style="text-align: center;">3</div>	
<b>BOTTOMHOLE LOCATION INFORMATION is required for DIRECTIONAL, HORIZONTAL, AND AMENDED AS DRILLED PERMIT APPLICATIONS</b>							
<b>Remarks</b> See attached				<b>Certificate:</b> I certify that information stated in this application is true and complete, to the best of my knowledge  <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div> <b>RRC User</b>            Name of filer            _____            Phone _____         </div> <div> <b>11/27/2018</b>            Date Submitted            _____            Email Address(OPTIONAL) _____         </div> </div>			
<b>RRC Use Only      Date Validation Time Stamp:      Fri, 22 Feb 2019 09:15:59</b>							

## RAILROAD COMMISSION OF TEXAS

## FORM W-1H

Permit Status: Approved

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

# OIL & GAS DIVISION APPLICATION FOR PERMIT TO DRILL, RECOMPLETE, OR RE-

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A certification of the automated data is available in the RRC's Austin office.*

## Supplemental Horizontal Well Information

Permit # 847194  
Approved Date: 11/30/2018

1. RRC Operator No. 742252	2. Operator's Name (as shown on form P-5, Organization Report) SABLE PERMIAN RESOURCES LAND,LLC	3. Lease Name BOOTHE 236-6 ALLOC 06	4 Well No. 15HC
<b>Lateral Drainhole Location Information</b>			
5. Field as shown on Form W-1 LIN (WOLFCAMP) ( Field # 53613750, RRC District 7C )			
6. Section 5	7. Block 43	8. Survey UL / A-U304	9. Abstract REAGAN
11. Terminus Lease Line Perpendiculars 15.0 ft. from the S line and 525.0 ft. from the E line 12. Terminus Survey Line Perpendiculars 15.0 ft. from the S line and 2228.0 ft. from the W line 13. Penetration Point Lease Line Perpendiculars 15.0 ft. from the N line and 1620.0 ft. from the E line			

Permit Status:        Approved

**RAILROAD COMMISSION OF TEXAS**

**OIL & GAS DIVISION**

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

**FORM W-1 Comments**

Permit #                      847194

Approved Date:            11/30/2018

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[ 11/27/2018 03:30:00 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.; [RRC STAFF 11/28/2018 01:41:25 PM]: There have been problems identified with this permit (see problem letter attachment). Notification sent.; [RRC STAFF 11/30/2018 09:15:26 AM]: Revised plat attached.; [RRC STAFF 11/30/2018 09:15:29 AM]: 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>847194</b>	DATE PERMIT ISSUED OR AMENDED <b>11/30/2018</b>	DISTRICT <b>7C</b>
API NUMBER <b>42-383-40468</b>	FORM W-1 RECEIVED <b>11/27/2018</b>	COUNTY <b>REAGAN</b>
TYPE OF OPERATION <b>New Drill</b>	WELLBORE PROFILE(S) <b>Horizontal</b>	ACRES <b>1175.26</b>
OPERATOR <b>SABLE PERMIAN RESOURCES LAND,LLC</b> <b>700 MILAM STREET SUITE 3100</b> <b>HOUSTON, TX 77002-0000</b>		NOTICE This permit and any allowable assigned may be revoked if payment for fee(s) submitted to the Commission is not honored. District Office Telephone No: <b>(325) 657-7450</b>
LEASE NAME <b>BOOTHE 236-6 ALLOC 06</b>		WELL NUMBER <b>15HC</b>
LOCATION <b>8.05 miles NW direction from Barnhart</b>		TOTAL DEPTH <b>9000</b>
Section, Block and/or Survey SECTION <b>236</b> BLOCK <b>1</b> ABSTRACT <b>66</b> SURVEY <b>T&amp;P RR CO/COX, X B</b>		
DISTANCE TO SURVEY LINES <b>678.0 ft N 1415.0 ft W</b>		DISTANCE TO NEAREST LEASE LINE <b>1.0</b>
DISTANCE TO LEASE LINES <b>678.0 ft N 1415.0 ft W</b>		DISTANCE TO NEAREST WELL ON LEASE <b>See FIELD(s) Below</b>

FIELD(s) and LIMITATIONS:

\* SEE FIELD DISTRICT FOR REPORTING PURPOSES \*

\*\* THIS PERMIT IS GRANTED PURSUANT TO STATEWIDE RULE 37(h)(2)(B) \*\* CASE NO 0316643

FIELD NAME	ACRES	DEPTH	WELL#	DIST
LEASE NAME	NEAREST LEASE		NEAREST WELL	
<hr style="border-top: 1px dashed black;"/>				
** LIN (WOLFCAMP)	1175.26	9000	15HC	7C
BOOTHE 236-6 ALLOC 06	1.0		330.0	
WELLBORE PROFILE(s) FOR FIELD: Horizontal				

Terminus Point: TH1 Section: 5 Block: 43 Abstract: Survey: UL / A-U304 BH County: REAGAN

Lease Lines: 15.0 ft S 525.0 ft E

Survey Lines: 15.0 ft S 2228.0 ft W

Penetration Lines: 15.0 ft N 1620.0 ft E

'\*\*' PRECEDING FIELD NAME INDICATES RULE (R37)

THE FOLLOWING RESTRICTIONS APPLY TO ALL FIELDS

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.

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.

**Railroad Commission of Texas**  
**Oil and Gas Division**  
**SWR #13 Formation Data**  
**REAGAN ( 383 ) COUNTY**

Formation	Shallow Top	Deep Top	Remarks	Geological Order	Effective Date
GRAYBURG	1500	2500		1	01/01/2014
QUEEN	1900	2500		2	01/01/2014
SAN ANDRES	2000	5000	saltwater flow, possibly heavy	3	01/01/2014
CLEARFORK	3300	4000		4	01/01/2014
SPRABERRY	3300	10000		5	01/01/2014
STRAWN	9300	10200		6	01/01/2014
FUSSELMAN	8800	11000		7	01/01/2014
ELLENBURGER	8700	10500		8	01/01/2014

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>

T & P R R Co. SURVEY, A-882  
BLOCK 1, SECTION 220

T. & P. RR. Co. SURVEY, A-568  
BLOCK 1, SECTION 219

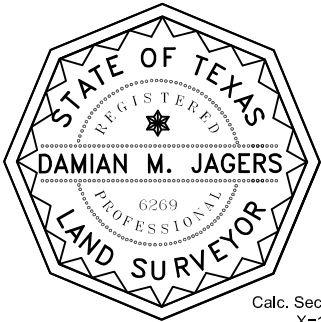
T. & P. R. R. Co. SURVEY, A-576  
BLOCK 1, SECTION 235

H. E. & W. T. R. R. Co. SURVEY, A-884  
SECTION 6

M. C. KOONDE SURVEY, A-785  
SECTION 4

UNIVERSITY LANDS, A-U313  
BLOCK 48, SECTION 1

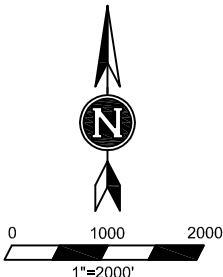
UNIVERSITY LANDS, A-U303  
BLOCK 43, SECTION 4



Well Name  
BOOTHE 236-6 ALLOC 06 15HC  
Drilling Field  
LIN (WOLFCAMP) FIELD  
Nearest Town  
8.05 MILES NORTHWEST OF BARNHART, TEXAS

I, Damian M. Jagers do hereby certify that the above described well location was surveyed on the ground under my supervision, as shown.

*Damian M. Jagers* 11/28/2018  
Damian M. Jagers DATE  
REGISTERED PROFESSIONAL LAND SURVEYOR  
TEXAS REGISTRATION NO. 6269



NAD 27, Central Zone 4203	
Surface Hole Location (Sec. 236)	
Latitude = 31.172808° N	
Longitude = 101.295696° W	
X = 1699036.36	
Y = 549062.82	
Elev. = 2705'	
678' FNL & 1415' FWL	
Point of Penetration (Sec. 236)	
Latitude = 31.174607° N	
Longitude = 101.293868° W	
X = 1699613.51	
Y = 549712.25	
15' FNL & 1980' FWL	
First Take Point (Sec. 236)	
Latitude = 31.174374° N	
Longitude = 101.293871° W	
X = 1699611.91	
Y = 549627.27	
100' FNL & 1980' FWL	
Last Take Point (Sec. 5)	
Latitude = 31.172301° N	
Longitude = 101.294371° W	
X = 1699323.29	
Y = 534327.38	
100' FSL & 2230' FWL	
Bottom Hole Location (Sec. 5)	
Latitude = 31.132067° N	
Longitude = 101.294374° W	
X = 1699321.68	
Y = 534242.38	
15' FSL & 2228' FWL	

Lease Boundary Distance	
SHL	678' FNL & 1415' FWL
PP	15' FNL & 1620' FEL
FTP	100' FNL & 1620' FEL
LTP	100' FSL & 524' FEL
BHL	15' FSL & 525' FEL

Tract No.	Lessor	Acreage	Percentage
1	Boothe Family Partners	437.44	37.2207%
2	Boothe Family Partners	404.87	34.4494%
3	University Lands	332.95	28.3299%
Total		1175.26	100.0000%

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.



Well Plat  
for  
Sable Permian Resources Land,LLC

Boothe 236-6 Alloc 06 15HC  
X. B. Cox Survey, A-66 / Block 1, Section 236  
H. E. & W. T. R. R. Co. Survey, A-884 / Section 6  
University Lands, A-U304 / Block 43, Section 5  
Reagan County, Texas