

API No. <u>42-383-38444</u> Drilling Permit # <u>768906</u> SWR Exception Case/Docket No. _____		<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. <b>252014</b>		2. Operator's Name (as shown on form P-5, Organization Report) <b>ENDURING RESOURCES, LLC</b>			3. Operator Address (include street, city, state, zip):		
4. Lease Name <b>UNIVERSITY 09</b>		5. Well No. <b>1808H</b>					
<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 <b>8601</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			
<b>SURFACE LOCATION AND ACREAGE INFORMATION</b>							
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>10.15</u> miles in a <u>NW</u> direction from <u>Big Lake</u> which is the nearest town in the county of the well site.							
15. Section <b>18</b>	16. Block <b>09</b>	17. Survey <b>UNIVERSITY LAND</b>		18. Abstract No. <b>A-</b>	19. Distance to nearest lease line: <b>100</b> ft.	20. Number of contiguous acres in lease, pooled unit, or unitized tract: <b>4522.29</b>	
21. Lease Perpendiculars: <u>6372.8</u> ft from the <u>SOUTH</u> line and <u>483.7</u> ft from the <u>EAST</u> line. 22. Survey Perpendiculars: <u>1624</u> ft from the <u>NORTH</u> line and <u>483.7</u> ft from the <u>EAST</u> line.							
23. Is this a pooled unit? <input checked="" type="checkbox"/> Yes <input 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	
<b>7C</b>	<b>53613750</b>	<b>LIN (WOLFCAMP)</b>		<b>Oil or Gas Well</b>	<b>8101</b>	<b>248.10</b>	
<b>BOTTOMHOLE LOCATION INFORMATION is required for DIRECTIONAL, HORIZONTAL, AND AMENDED AS DRILLED PERMIT APPLICATIONS (see W-1H attachment)</b>							
<b>Remarks</b> [RRC STAFF Aug 28, 2013 8:47 AM]: There have been problems identified with this permit (see problem letter attachment). Notification sent.; [RRC STAFF Aug 28, 2013 11:16 AM]: Revised W-1 and P-12 attached from Alvin Arlian.; [RRC STAFF Aug 28, 2013 11:16 AM]: Problems identified with this permit are resolved.				<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;"> <div> <u>Alvin Arlian, Regulatory Specialist</u>            Name of filer   <u>(303)3505114</u>            Phone         </div> <div> <u>Aug 26, 2013</u>            Date submitted   <u>aarlian@enduringresources.com</u>            E-mail Address (OPTIONAL)         </div> </div>			
<b>RRC Use Only</b>				Data Validation Time Stamp: <b>Aug 28, 2013 5:16 PM( 'As Approved' Version )</b>			

Permit Status: <b>Approved</b>  <i>The RRC has not approved this application. Duplication or distribution of information is at the user's own risk.</i>
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RAILROAD COMMISSION OF TEXAS  
 OIL & GAS DIVISION

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

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

Permit #	768906
Approved Date:	Aug 28, 2013

1. RRC Operator No. 252014	2. Operator's Name (exactly as shown on form P-5, Organization Report) ENDURING RESOURCES, LLC	3. Lease Name UNIVERSITY 09	4. Well No. 1808H
Lateral Drainhole Location Information			
5. Field as shown on Form W-1      LIN (WOLFCAMP) (Field # 53613750, RRC District 7C)			
6. Section 19	7. Block 09	8. Survey UNIVERSITY LAND	9. Abstract
		10. County of BHL REAGAN	
11. Terminus Lease Line Perpendiculars 100 ft. from the      SOUTH line. and      660 ft. from the      EAST line			
12. Terminus Survey Line Perpendiculars 2566 ft. from the      NORTH line. and      660 ft. from the      EAST line			
13. Penetration Point Lease Line Perpendiculars 6161.8 ft. from the      SOUTH line. and      660 ft. from the      EAST line			

**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>768906</b>	DATE PERMIT ISSUED OR AMENDED <b>Aug 28, 2013</b>	DISTRICT <b>* 7C</b>	
API NUMBER <b>42-383-38444</b>	FORM W-1 RECEIVED <b>Aug 26, 2013</b>	COUNTY <b>REAGAN</b>	
TYPE OF OPERATION <b>NEW DRILL</b>	WELLBORE PROFILE(S) <b>Horizontal</b>	ACRES <b>4522.29</b>	
OPERATOR <b>ENDURING RESOURCES, LLC</b>		<b>252014</b>	<b>NOTICE</b> 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>(325) 657-7450</b>
LEASE NAME <b>UNIVERSITY 09</b>		WELL NUMBER <b>1808H</b>	
LOCATION <b>10.15 miles NW direction from BIG LAKE</b>		TOTAL DEPTH <b>8601</b>	
Section, Block and/or Survey SECTION <b>18</b> BLOCK <b>09</b> ABSTRACT <b></b> SURVEY <b>UNIVERSITY LAND</b>			
DISTANCE TO SURVEY LINES <b>1624 ft. NORTH    483.7 ft. EAST</b>		DISTANCE TO NEAREST LEASE LINE <b>100 ft.</b>	
DISTANCE TO LEASE LINES <b>6372.8 ft. SOUTH    483.7 ft. EAST</b>		DISTANCE TO NEAREST WELL ON LEASE <b>See FIELD(s) Below</b>	
FIELD(s) and LIMITATIONS: <p align="center"><b>* SEE FIELD DISTRICT FOR REPORTING PURPOSES *</b></p>			
FIELD NAME LEASE NAME		ACRES NEAREST LEASE	DEPTH NEAREST WE
----- <b>LIN (WOLFCAMP)</b> <b>UNIVERSITY 09</b> -----		<b>4522.29</b> <b>100</b>	<b>8,101</b> <b>248.1</b>
----- WELLBORE PROFILE(s) FOR FIELD: <b>Horizontal</b> -----			
RESTRICTIONS:    Lateral: TH1 Penetration Point Location Lease Lines:            6161.8 F SOUTH L 660.0 F EAST L Terminus Location BH County: REAGAN Section: 19                      Block: 09                      Abstract: Survey: UNIVERSITY LAND Lease Lines:            100.0 F SOUTH L 660.0 F EAST L Survey Lines:        2566.0 F NORTH L 660.0 F EAST L			
<p align="center"><b>THE FOLLOWING RESTRICTIONS APPLY TO ALL FIELDS</b></p> <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>			



§ = APPROXIMATE SURVEY ABSTRACT LINE

TRACT	LEASE #	CALLED ACREAGE	MEASURED ACREAGE	MEASURED PCT.
1	UNIVERSITY LANDS 113331	322.90 ACRES	322.994 ACRES	7.142
2	UNIVERSITY LANDS 113333	645.80 ACRES	645.988 ACRES	14.285
3	UNIVERSITY LANDS 113334	484.35 ACRES	484.491 ACRES	10.713
4	UNIVERSITY LANDS 113335	565.075 ACRES	565.399 ACRES	12.503
5	UNIVERSITY LANDS 113337	322.90 ACRES	323.079 ACRES	7.144
6	UNIVERSITY LANDS 113338	322.90 ACRES	322.985 ACRES	7.142
7	UNIVERSITY LANDS 113339	565.075 ACRES	565.270 ACRES	12.500
8	UNIVERSITY LANDS 113340	322.90 ACRES	323.031 ACRES	7.143
9	UNIVERSITY LANDS 78414	161.45 ACRES	161.497 ACRES	3.571
10	UNIVERSITY LANDS 111020	322.90 ACRES	323.071 ACRES	7.144
11	UNIVERSITY LANDS 111021	322.90 ACRES	322.998 ACRES	7.142
12	UNIVERSITY LANDS 107981	80.725 ACRES	80.774 ACRES	1.786
13	UNIVERSITY LANDS 108484	80.725 ACRES	80.708 ACRES	1.785
TOTAL			4522.285 ACRES	100.000

ENDURING RESOURCES, L.L.C.  
UNIVERSITY 09,  
#1808 WELL  
SURFACE HOLE LOCATION  
X=1,613,898.76  
Y=584,812.31  
LAT= 31°16'08.16"  
LON= 101°34'10.48"  
SURFACE ELEVATION=2681.49'

LINE	BEARING	DISTANCE
L1	S 41°02'28" W	275.0

ENDURING RESOURCES, L.L.C.  
UNIVERSITY 09,  
#1808H WELL  
PENETRATION POINT LOCATION

ENDURING RESOURCES, L.L.C.  
UNIVERSITY 09,  
#1808H WELL  
BOTTOM HOLE/  
LAST TAKE POINT LOCATION  
X=1,613,595.50  
Y=578,545.89  
LAT= 31°15'06.11"  
LON= 101°34'13.18"

N 48°45'00" W 10.15 MILES  
FROM BIG LAKE, TEXAS

**FINAL**  
**ENDURING RESOURCES, L.L.C.**  
**UNIVERSITY 09,**  
**#1808H WELL**  
**4522.285 ACRES**  
**REAGAN COUNTY, TEXAS**

**PERCHERON**  
SURVEYING, LLC

15411 Vantage Pkwy West  
Suite 205

10.15 Houston, Texas 77032  
TEXAS (281) 447-6230

AUGUST 21, 2013  
JOB NO. 140.0002.008