

API No. <u>42-003-46904</u> Drilling Permit # <u>798968</u> SWR Exception Case/Docket No. <u>0297606 (R37)</u>	RAILROAD COMMISSION OF TEXAS OIL & GAS DIVISION APPLICATION FOR PERMIT TO DRILL, RECOMPLETE, OR RE-ENTER <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>	FORM W-1 Permit Status: Approved
1. RRC Operator No. 333767	2. Operator's Name (as shown on form P-5, Organization Report) GREYSTONE OIL & GAS, LLP	3. Operator Address (include street, city, state, zip) 1616 S VOSS RD STE 400 HOUSTON, TX 77057-0000
4. Lease Name UNIVERSITY 31	5. Well No. 1H	
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 10600	9. Do you have the right to develop minerals under any right-of- <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
SURFACE LOCATION AND ACREAGE INFORMATION		
11. RRC District No. 08	12. County ANDREWS	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>13.3</u> miles in a <u>SW</u> direction from <u>Andrews</u> which is the nearest town in the county of the well site.		
15. Section 31	16. Block 9	17. Survey UL
18. Abstract No. U267	19. Distance to nearest lease line: 76.0 ft.	20. Number of contiguous acres in lease, pooled unit, or unitized tract: 241.54
21. Lease Perpendiculars: <u>300.0</u> ft. from the <u>SOUTH</u> line and <u>330.0</u> ft. from the <u>EAST</u> line.		
22. Survey Perpendiculars: <u>300.0</u> ft. from the <u>SOUTH</u> line and <u>2309.0</u> ft. from the <u>WEST</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. 08	27. Field No. 28899166	28. Field Name (exactly as shown in RRC records) EMMA (DEVONIAN)
29. Well Type Oil Well	30. Completion Depth 10600	31. Distance to Nearest Well in this Reservoir 0.0
		32. Number of Wells on this lease in this Reservoir 1
BOTTOMHOLE LOCATION INFORMATION is required for DIRECTIONAL, HORIZONTAL, AND AMENDED AS DRILLED PERMIT APPLICATIONS		
Remarks See attached		Certificate: I certify that information stated in this application is true and complete, to the best of my knowledge RRC User _____ 07/27/2015 Name of filer _____ Date Submitted _____ Phone _____ Email Address(OPTIONAL)
RRC Use Only Date Validation Time Stamp: Mon, 3 Aug 2015 09:54:23		

RAILROAD COMMISSION OF TEXAS

FORM W-1H

OIL & GAS DIVISION

Supplemental Horizontal Well Information

APPLICATION FOR PERMIT TO DRILL, RECOMPLETE, OR RE-

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Permit Status: **Approved**

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

Permit # **798968**

Approved Date: **07/31/2015**

1. RRC Operator No. 333767	2. Operator's Name (as shown on form P-5, Organization Report) GREYSTONE OIL & GAS, LLP	3. Lease Name UNIVERSITY 31	4 Well No. 1H
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Lateral Drainhole Location Information

5. Field as shown on Form W-1 **EMMA (DEVONIAN) (Field # 28899166, RRC District 08)**

6. Section 31	7. Block 9	8. Survey UL	9. Abstract	10. County of BHL ANDREWS
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11. Terminus Lease Line Perpendiculars
18.0 ft. from the NORTH line and 310.0 ft. from the EAST line

12. Terminus Survey Line Perpendiculars
18.0 ft. from the NORTH line and 2332.0 ft. from the WEST line

13. Penetration Point Lease Line Perpendiculars
296.0 ft. from the SOUTH line and 333.0 ft. from the EAST 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 # 798968

Approved Date: 07/31/2015

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[FILER 07/27/2015 05:54:47 PM]: Lease Line Rule 37 due to First Take Point being 76' from North line. Waivers attached. Amending W-1 using As Drilled Plat.; [RRC STAFF 07/29/2015 01:55:30 PM]: There have been problems identified with this permit (see problem letter attachment). Notification sent.; [RRC STAFF 07/29/2015 02:46:19 PM]: Problems identified with this permit are resolved.; [RRC STAFF 07/30/2015 01:27:00 PM]: There have been problems identified with this permit (see problem letter attachment). Notification sent.; [RRC STAFF 07/30/2015 03:32:20 PM]: Problems identified with this permit are resolved.; [RRC STAFF 07/30/2015 03:33:07 PM]: Per Rick Johnston: "1. Please change the well count on the pending W-1 to 1. 2. The other well on the lease that was permitted in the Emma (Devonian) Field, the University 9-31 # 1H, 42-003-42472, Permit # 747258. This permit was issued on 9/7/2012 and expired in Sept 2014. 3. The Current correct well count is 1.";

GREYSTONE OIL & GAS, LLP

LEASE NAME & WELL NO.:
UNIVERSITY 31 #1H "AS-DRILLED"

TOPOGRAPHY & VEGETATION:
 NATURAL MESQUITE PASTURE

NEAREST TOWN IN COUNTY:
 ±13.3 MILES SOUTHWEST OF ANDREWS, TEXAS

DESCRIPTION:
 SECTION 31, BLOCK 9, UNIVERSITY LAND
 ANDREWS COUNTY, TEXAS

SPECIAL NOTES:

Original Document Size: 8.5"x14"
 All Coordinates are in NAD 27 TX-NC Zone unless otherwise noted.

CERTIFICATION:

All As-Drilled provided by Greystone Oil & Gas, LLP. This plat is for Texas Railroad Commission permit purpose only and should not be considered a boundary survey.



William J. Keating
 Texas Reg. No. 5041



2903 NORTH BIG SPRING • MIDLAND, TEXAS 79705
 TELEPHONE: (432) 682-1653 OR (800) 767-1653 • FAX (432) 682-1743
 WWW.TOPOGRAPHIC.COM

Texas FIRM Registration NO. 10042500

Surface Hole Location:
 300' FSL & 2309' FWL
 SHL Ground Elevation: 3156'
 X = 417395 Y = 208469
 LAT.: N 32.1337754 LONG.: W 102.6142566
 NAD 83 TX-NC ZONE;
 X = 695062 Y = 6756594
 LAT.: N 32.1338868 LONG.: W 102.6146900

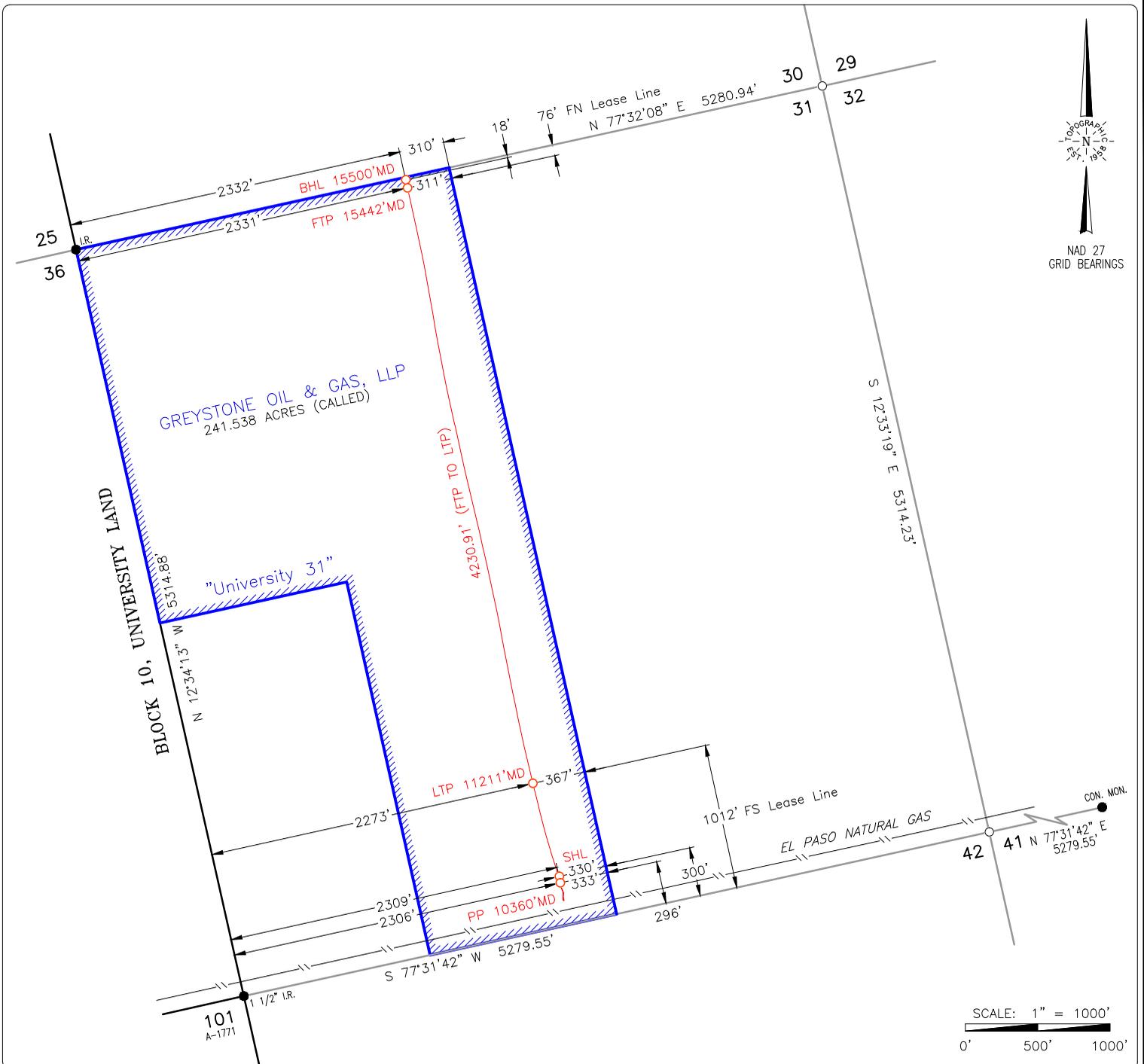
Penetration Point:
 296' FSL & 2306' FWL
 X = 417394 Y = 208464
 LAT.: N 32.1337620 LONG.: W 102.6142616

Last Take Point:
 1012' FSL & 2273' FWL
 X = 417205 Y = 209156
 LAT.: N 32.1356358 LONG.: W 102.6149793

First Take Point:
 76' FNL & 2331' FWL
 X = 416338 Y = 213296
 LAT.: N 32.1468848 LONG.: W 102.6184269

Bottom Hole Location:
 18' FNL & 2332' FWL
 X = 416326 Y = 213352
 LAT.: N 32.1470390 LONG.: W 102.6184744

LEGEND	
— X —	Fence
— E —	Powerline
— W —	Water Line
— P —	Pipeline
— L —	Lease Road
— B —	Unit/Lease Boundary
●	Found Monument
○	Set IR "RPLS 5041" Unless otherwise noted
○	Calculated Corner



Scale: 1"=1000'	Surveyed: 06/19/2015	AD_UNIVERSITY31_1H_ALT_REV2	Drawn By: JBT; 06/23/2015
COGO: 726-44138			Revision: () Date Revised: / /