

API No. <u>42-003-01639</u> Drilling Permit # <u>824831</u> SWR Exception Case/Docket No. _____	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 07/2004 Permit Status: Approved
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1. RRC Operator No. 333762	2. Operator's Name (as shown on form P-5, Organization Report) GREYSTONE PETROLEUM, LLC	3. Operator Address (include street, city, state, zip): 5555 E 71ST ST STE 8350 TULSA, OK 74136-0000
4. Lease Name TEXAS MMM	5. Well No. 1	

GENERAL INFORMATION

6. Purpose of filing (mark ALL appropriate boxes):				
<input type="checkbox"/> New Drill	<input checked="" 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 checked="" type="checkbox"/> Vertical	<input type="checkbox"/> Horizontal (Also File Form W-1H)	<input type="checkbox"/> Directional (Also File Form W-1D)	<input type="checkbox"/> Sidetrack	
8. Total Depth 12600	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		

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>10.9</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 20	16. Block 9	17. Survey UL	18. Abstract No. A-U256	19. Distance to nearest lease line: 659 ft.
20. Number of contiguous acres in lease, pooled unit, or unitized tract: 160				
21. Lease Perpendiculars: <u>700</u> ft from the <u>NORTH</u> line and <u>659</u> ft from the <u>EAST</u> line.				
22. Survey Perpendiculars: <u>1979</u> ft from the <u>SOUTH</u> line and <u>659</u> ft from the <u>EAST</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
08	28899166	EMMA (DEVONIAN)	Oil Well	10900	0.00	1

BOTTOMHOLE LOCATION INFORMATION is required for DIRECTIONAL, HORIZONTAL, AND AMENDED AS DRILLED PERMIT APPLICATIONS

<p>Remarks [RRC STAFF Mar 27, 2017 3:21 PM]: There have been problems identified with this permit (see problem letter attachment). Notification sent.; [RRC STAFF Mar 31, 2017 1:45 PM]: Problems identified with this permit are resolved.; [RRC STAFF Mar 31, 2017 1:45 PM]: Revised plat attached.; [RRC STAFF Apr 3, 2017 8:46 AM]: Changed coordinates to match plat. Moved well mapped with 15 to coordinate location. Arial photography verifies the location.</p>	<p style="text-align: center;">Certificate:</p> <p>I certify that information stated in this application is true and complete, to the best of my knowledge.</p> <p style="text-align: center;"><u>Fred Laeger, Completions Manager</u> <u>Mar 27, 2017</u> Name of filer Date submitted</p> <p style="text-align: center;"><u>(918)520-8148</u> <u>fred.laeger@greystone.bz</u> Phone E-mail Address (OPTIONAL)</p>
<p>RRC Use Only Data Validation Time Stamp: Apr 3, 2017 9:40 AM(Current Version)</p>	

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

ANDREWS (003) County

Formation	Shallow Top	Deep Top	Remarks	Geological Order	Effective Date
YATES	2,500	3,200		1	12/17/2013
SEVEN RIVERS	3,000	3,000		2	12/17/2013
QUEEN	3,600	4,800		3	12/17/2013
GRAYBURG	3,100	5,000		4	12/17/2013
SAN ANDRES	3,700	5,300	CO2 flood, high flows, H2S, corrosive	5	12/17/2013
HOLT	5,000	5,500		6	12/17/2013
GLORIETA	5,100	6,000		7	12/17/2013
TUBB	6,100	6,300		8	12/17/2013
CLEARFORK	5,600	7,600		9	12/17/2013
PERMIAN DETRITAL	7,800	7,900		10	12/17/2013
LEON	7,900	7,900		11	12/17/2013
WICHITA ALBANY	6,500	8,100		12	12/17/2013
SPRABERRY	7,300	8,600		13	12/17/2013
DEAN	9,200	9,500		14	12/17/2013
WOLFCAMP	7,500	9,900		15	12/17/2013
CANYON	8,600	10,200		16	12/17/2013
PENNSYLVANIAN	8,700	10,200		17	12/17/2013
MCKEE	8,300	10,600		18	12/17/2013
STRAWN	8,800	11,000		19	12/17/2013
FUSSELMAN	8,400	11,900		20	12/17/2013
DEVONIAN	7,600	12,500		21	12/17/2013
SILURIAN	8,000	12,500		22	12/17/2013
ELLENBURGER	7,900	13,900		23	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>

GREYSTONE PETROLEUM, LLC

LEASE NAME & WELL NO.:
TEXAS MMM #1

TOPOGRAPHY & VEGETATION:
NATURAL MESQUITE PASTURE

NEAREST TOWN IN COUNTY:
±10.63 MILES SOUTHWEST OF ANDREWS, TEXAS

DESCRIPTION:
SECTION 20, BLOCK 9, UNIVERSITY LANDS SURVEY

ANDREWS COUNTY, TEXAS

SPECIAL NOTES:

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

CERTIFICATION:

This well location shown on this permit plat was surveyed on the ground under my direct supervision. 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

LO_Texas_MMM_1

Surface Hole Location:

1979' FSL & 659' FEL
SHL Ground Elevation: 3180'
NAD 27 TX-NC ZONE
X = 422137
Y = 222114
LAT.: N 32.1718722
LONG.: W 102.6010987
NAD 83 TX-NC ZONE
X = 699673
Y = 6770283
LAT.: N 32.1719822
LONG.: W 102.6015331

LEGEND	
	Section Line
	Block Line
	Abstract Line
	Tract Line
	Lease Road
	County Road
	Unit/Lease Boundary
	Found Monument
	Set 1/2" Rebar w/cap
	Calculated Corner

Scale: 1"=1000' Surveyed: 03/28/17

COGO: 726-44138

Revision: () / /

Drawn By: MR; 03/29/2017

