

API No. <u>42-003-03923</u>	RAILROAD COMMISSION OF TEXAS OIL & GAS DIVISION				FORM W-1 07/2004	
Drilling Permit # <u>855857</u>	APPLICATION FOR PERMIT TO DRILL, RECOMPLETE, OR RE-ENTER				Permit Status: Approved	
SWR Exception Case/Docket No. _____		<i>This facsimile W-1 was generated electronically from data submitted to the RRC. A certification of the automated data is available in the RRC's Austin office.</i>				
1. RRC Operator No. 271567	2. Operator's Name (as shown on form P-5, Organization Report) FIVESTONES ENERGY LLC			3. Operator Address (include street, city, state, zip): PO BOX 51082 MIDLAND, TX 79710-0000		
4. Lease Name UNIVERSITY 35A			5. Well No. 2			
GENERAL INFORMATION						
6. Purpose of filing (mark ALL appropriate boxes): <input type="checkbox"/> New Drill <input type="checkbox"/> Recompletion <input checked="" 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 9000		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>19</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 35	16. Block 11	17. Survey UL		18. Abstract No. A-U355	19. Distance to nearest lease line: 556 ft.	20. Number of contiguous acres in lease, pooled unit, or unitized tract: 165.4
21. Lease Perpendiculars: <u>1056</u> ft from the <u>SOUTH</u> line and <u>556</u> ft from the <u>EAST</u> line.			22. Survey Perpendiculars: <u>1056</u> ft from the <u>SOUTH</u> line and <u>2156</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.	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
08	57774275	MARTIN (CONSOLIDATED)		Oil Well	9000	1792.00
BOTTOMHOLE LOCATION INFORMATION is required for DIRECTIONAL, HORIZONTAL, AND AMENDED AS DRILLED PERMIT APPLICATIONS						
Remarks [RRC STAFF Aug 2, 2019 4:27 PM]: Reclassing from injector to producer; [RRC STAFF Aug 5, 2019 8:29 AM]: Update well count to 3 for the MARTIN (CONSOLIDATED) field as there is 1 current producer per lease id 08-47667 and 1 current permit per API #003-47660.; [RRC STAFF Aug 5, 2019 1:18 PM]: Revised plat submitted. Well number corrected.				Certificate: I certify that information stated in this application is true and complete, to the best of my knowledge. Lisa Mewhorter, Operations & Engineering Assistant Name of filer _____ Date submitted Aug 02, 2019 (432)6189929, x1105 lisa@fivese.com Phone E-mail Address (OPTIONAL)		
RRC Use Only						
Data Validation Time Stamp: Aug 5, 2019 1:24 PM('As Approved' Version)						

**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>

GROUNDWATER PROTECTION DETERMINATION

Form GW-2



Groundwater Advisory Unit

Date Issued:	14 August 2019	GAU Number:	246303
Attention:	FIVESTONES ENERGY LLC PO BOX 51082 MIDLAND, TX 79710	API Number:	00303923
Operator No.:	271567	County:	ANDREWS
		Lease Name:	University 35A
		Lease Number:	47667
		Well Number:	2
		Total Vertical Depth:	9000
		Latitude:	32.103556
		Longitude:	-102.750330
		Datum:	NAD27

Purpose: Recompletion (RC)
Location: Survey-UL; Abstract-U355; Block-11; Section-35

To protect usable-quality groundwater at this location, the Groundwater Advisory Unit of the Railroad Commission of Texas recommends:

The base of usable-quality water that must be protected is estimated to occur at a depth of 1300 feet below the land surface. Moreover, the interval from the land surface to a depth of 250 feet and the usable-quality water contained in the Zone from a depth of 900 feet to 1300 feet must be isolated from water in overlying and underlying beds.

Note: Unless stated otherwise, this recommendation is intended to apply only to the subject well and not for area-wide use. Unless stated otherwise, this recommendation is for normal drilling, production, and plugging operations only.

This determination is based on information provided when the application was submitted on 08/13/2019. If the location information has changed, you must contact the Groundwater Advisory Unit, and submit a new application if necessary. If you have questions, please contact us at 512-463-2741 or gau@rrc.texas.gov.

Groundwater Advisory Unit, Oil and Gas Division

Form GW-2 P.O. Box 12967 Austin, Texas 78771-2967 512-463-2741 Internet address: www.rrc.texas.gov
 Rev. 02/2014

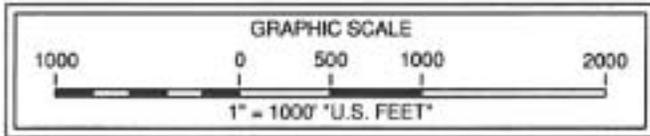
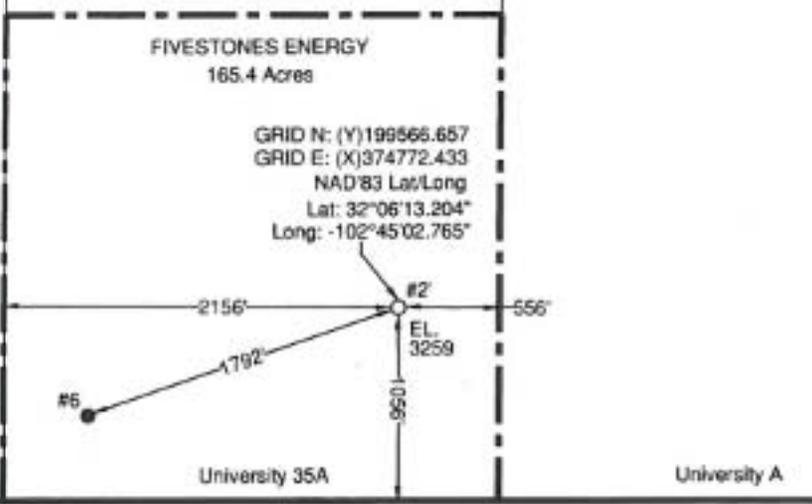
Block 11, University Lands Survey Andrews County, Texas

27 26

25

34 35

36



Note: Well is located 19 miles Southwest of the city of Andrews, Texas.
 Note: Survey Reconstruction filed in the Office of Pennell & Marlowe Land Surveyors, Inc.
 Note: Coordinates shown herein are on The Texas Coordinate System of 1927, North Central Zone.
 Note: Example: (S-99999) indicates General Land Office file number.

Revised: 08/01/2019-KRM
 USGS Quadrangle Sheet: Bedford Ranch, Tex.
 Railroad Commission Permit Plat



Stephen P. Marlowe
 REGISTERED PROFESSIONAL LAND SURVEYOR NO. 5715

July 19, 2019
 190719/JR-BCL

FIVESTONES ENERGY
 University 35A #2
 1056' FROM SOUTH LINE
 2156' FROM WEST LINE
 University 35A Lease
 165.4 Acres being the SW/4 of
 Section 35, Block 11
 University Lands Survey
 Andrews County, Texas

Scale: 1" = 1000'