

API No. <u>42-105-42384</u> Drilling Permit # <u>825315</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. 597379	2. Operator's Name (as shown on form P-5, Organization Report) MWS PRODUCING, INC.	3. Operator Address (include street, city, state, zip): PO BOX 100 STANTON, TX 79782-0000
4. Lease Name UNIVERSITY 22B		5. Well No. 1

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"/> Amended		<input type="checkbox"/> Amended as Drilled (BHL) (Also File Form W-1D)		<input type="checkbox"/> Field Transfer	
<input type="checkbox"/> Sidetrack					
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 2500		9. Do you have the right to develop the minerals under any right-of-way ?		10. Is this well subject to Statewide Rule 36 (hydrogen sulfide area)?	
		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

SURFACE LOCATION AND ACREAGE INFORMATION					
11. RRC District No. 7C		12. County CROCKETT		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>15</u> miles in a <u>NW</u> direction from <u>Ozona</u> which is the nearest town in the county of the well site.					
15. Section 22		16. Block 47	17. Survey UL	18. Abstract No. A-U486	19. Distance to nearest lease line: 368 ft.
				20. Number of contiguous acres in lease, pooled unit, or unitized tract: 152.2	
21. Lease Perpendiculars: <u>368</u> ft from the <u>EAST</u> line and <u>1583</u> ft from the <u>SOUTH</u> line.					
22. Survey Perpendiculars: <u>368</u> ft from the <u>EAST</u> line and <u>1583</u> ft from the <u>SOUTH</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
7C	30243500	FARMER (SAN ANDRES)	Oil Well	2500	0.00	1

BOTTOMHOLE LOCATION INFORMATION is required for DIRECTIONAL, HORIZONTAL, AND AMENDED AS DRILLED PERMIT APPLICATIONS	
Remarks [RRC STAFF Apr 20, 2017 5:26 PM]: There have been problems identified with this permit (see problem letter attachment). Notification sent.; [RRC STAFF Apr 26, 2017 11:38 AM]: Problems identified with this permit are resolved.; [RRC STAFF Apr 26, 2017 11:43 AM]: Revised plat attached. Lease name is now consistent with the W1.	Certificate: 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 style="width: 60%;"> <u>Mike Swinson</u> Name of filer </div> <div style="width: 35%;"> <u>Apr 08, 2017</u> Date submitted </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="width: 40%;"> <u>(432)7562902</u> Phone </div> <div style="width: 55%;"> <u>mwsprod@msn.com</u> E-mail Address (OPTIONAL) </div> </div>
RRC Use Only Data Validation Time Stamp: May 2, 2017 10:51 AM(Current Version)	

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

CROCKETT (105) County

Formation	Shallow Top	Deep Top	Remarks	Geological Order	Effective Date
QUEEN	1,000	2,300		1	12/17/2013
SAN ANDRES	1,000	3,700		2	12/17/2013
LEONARD	3,100	4,200		3	12/17/2013
WOLFCAMP	3,400	6,300		4	12/17/2013
CANYON	4,000	8,800		5	12/17/2013
STRAWN	7,100	11,600		6	12/17/2013
DEVONIAN	8,900	11,900		7	12/17/2013
ELLENBURGER	6,500	13,400		8	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: 03 April 2017 **GAU Number:** 168986

Attention:	MWS PRODUCING, INC. PO BOX 100 STANTON, TX 79782	API Number:	
Operator No.:	597379	County:	CROCKETT
		Lease Name:	UNIVERSITY 22B
		Lease Number:	
		Well Number:	1
		Total Vertical Depth:	2500
		Latitude:	31.001440
		Longitude:	-101.355291
		Datum:	NAD27

Purpose: New Drill
Location: Survey-UL; Block-47; Section-22

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

The interval from the land surface to the base of the Santa Rosa, which is estimated to occur at a depth between 750 and 800 feet, must be protected.

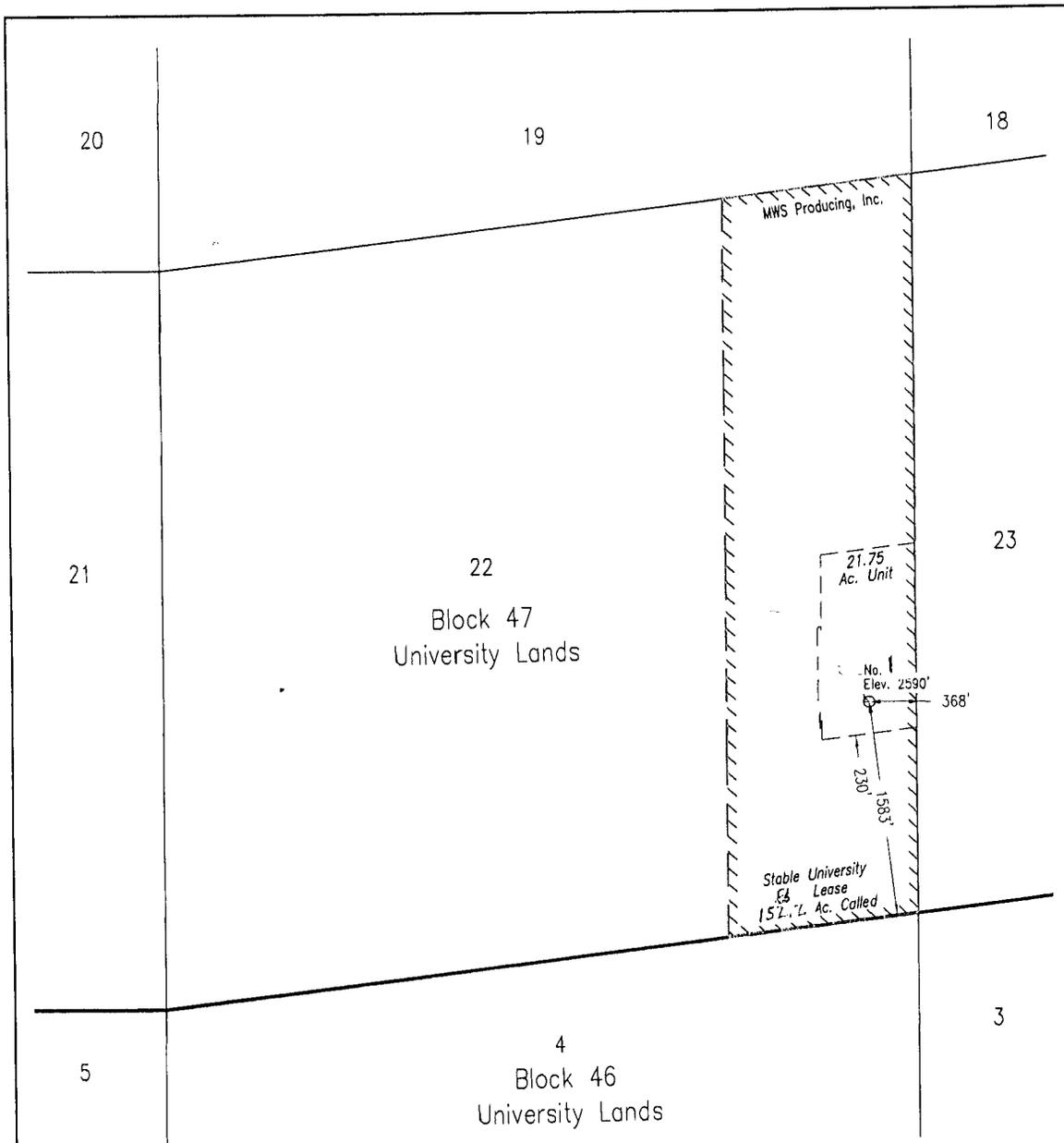
This recommendation is applicable to all wells within a radius of 1500 feet of this location.

Note: Unless stated otherwise, this recommendation is intended to apply only to the subject well and not for area-wide use. This recommendation is for normal drilling, production, and plugging operations only. It does not apply to saltwater disposal operation into a nonproductive zone (RRC Form W-14).

This determination is based on information provided when the application was submitted on 03/21/2017. 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



Michael L. Stanford



This plat is for Texas Railroad Commission Permit Purposes Only and is NOT a boundary survey and is NOT to be used to convey or establish interests in real property.

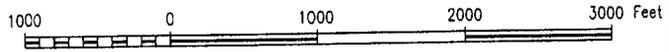
BASIS OF BEARINGS is the Texas State Plane Coordinate System Central Zone NAD 27.

Application for Well No. 2
14.5 Miles Southeast of Big Lake, Texas.

Date Well Location Staked April 29, 2015

NAD 27 X = 1679827'
NAD 27 Y = 486906'

EMERGENCY RESPONSE LOCATOR
NAD 27 Lat. = 31°00'05.18" / 31.001440
NAD 27 Long. = -101°21'19.05" / -101.355292



<p>MWS Producing, Inc. Stable University 22B #1 - 1583' FSL & 368' FEL Section 22, Block 47, University Lands Survey Crockett County, Texas</p>	<p>STANFORD SURVEYING COMPANY P.O. BOX 8490 MIDLAND, TEXAS 79708-8490 TBPLS Firm No. 10128400 432-699-5708</p>		
<p>DRAWN BY <u>Daniel Blair</u></p>	<p>Rev. 05-04-2015 ACP DATE <u>05-01-2015</u></p>	<p>SCALE <u>1" = 1000'</u></p>	<p>FILE NAME <u>A-10195</u></p>