

API No. <u>42-003-44679</u> Drilling Permit # <u>746813</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>
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1. RRC Operator No. <b>748011</b>	2. Operator's Name (as shown on form P-5, Organization Report) <b>SANDRIDGE EXPL. AND PROD., LLC</b>	3. Operator Address (include street, city, state, zip):
4. Lease Name <b>UNIVERSITY 27A</b>		5. Well No. <b>1</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"/> Amended		<input type="checkbox"/> Amended as Drilled (BHL) (Also File Form W-1D)		<input type="checkbox"/> Field Transfer	
<input type="checkbox"/> Horizontal (Also File Form W-1H)		<input type="checkbox"/> Directional (Also File Form W-1D)		<input type="checkbox"/> Re-Enter	
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 <b>5200</b>		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		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

<b>SURFACE LOCATION AND ACREAGE INFORMATION</b>					
11. RRC District No. <b>08</b>		12. County <b>ANDREWS</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>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 <b>27</b>		16. Block <b>10</b>		17. Survey <b>UL</b>	
18. Abstract No. <b>A-</b>		19. Distance to nearest lease line: <b>345</b> ft.		20. Number of contiguous acres in lease, pooled unit, or unitized tract: <b>160</b>	
21. Lease Perpendiculars: <u>397</u> ft from the <u>E</u> line and <u>345</u> ft from the <u>S</u> line.					
22. Survey Perpendiculars: <u>2309</u> ft from the <u>N</u> line and <u>2315</u> ft from the <u>W</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	

<b>FIELD INFORMATION</b> 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	33176001	FUHRMAN-MASCHO	Oil Well	5200	0.00	1

<b>BOTTOMHOLE LOCATION INFORMATION</b> is required for DIRECTIONAL, HORIZONTAL, AND AMENDED AS DRILLED PERMIT APPLICATIONS	
<b>Remarks</b>  	<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 style="width: 60%;"> <u>Bill Spencer, Consultant</u>            Name of filer         </div> <div style="width: 30%;"> <u>Aug 21, 2012</u>            Date submitted         </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="width: 40%;"> <u>(512)9181062</u>            Phone         </div> <div style="width: 50%;"> <u>bill@spencerconsulting.org</u>            E-mail Address (OPTIONAL)         </div> </div>
<b>RRC Use Only</b> Data Validation Time Stamp: Aug 28, 2012 3:26 PM( 'As Approved' Version )	



Groundwater  
Advisory Unit

GROUNDWATER PROTECTION DETERMINATION

Date **August 22, 2012**

GAU File No.: SC- **15375**

\*\*\*\*\* EXPEDITED APPLICATION \*\*\*\*\*

API Number **00300000**

Attention: **DANA ALANIZ**

RRC Lease No. **000000**

**SC\_748011\_00300000\_000000\_15375.pdf**

<b>SANDRIDGE E&amp;P LLC 123 ROBERT S KERR OKLAHOMA CITY OK 73102</b>	<b>--Measured--</b>	Digital Map Location:	
	<b>2315 ft FWL</b>	X-coord/Long	<b>666417</b>
	<b>2309 ft FNL</b>	Y-coord/Lat	<b>6760644</b>
	<b>MRL: SECTION</b>	Datum <b>27</b>	Zone <b>NC</b>

**P-5# 748011**

County **ANDREWS** Lease & Well No. **UNIVERSITY 27A #1 & ALL** Purpose **ND**

Location **SUR-UL, BLK-10, SEC-27, -- [TD=5200] , [RRC 8] ,**

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

**The interval from the land surface to a depth of 225 feet and the zone from 1050 feet to 1600 feet must be protected.**

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

If you have any questions, please contact us at 512-463-2741, [gau@rrc.state.tx.us](mailto:gau@rrc.state.tx.us), or by mail.

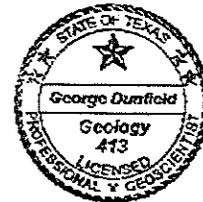
Sincerely,

*George Dunfield*  
Digitally signed by George Dunfield  
 DN: c=US, st=TEXAS, o=Austin, ou=Railroad  
 Commission of Texas, cn=George Dunfield,  
 email=george.dunfield@rrc.state.tx.us  
 Date: 2012.08.22 13:16:00 -0500

**George Dunfield, P.G.**

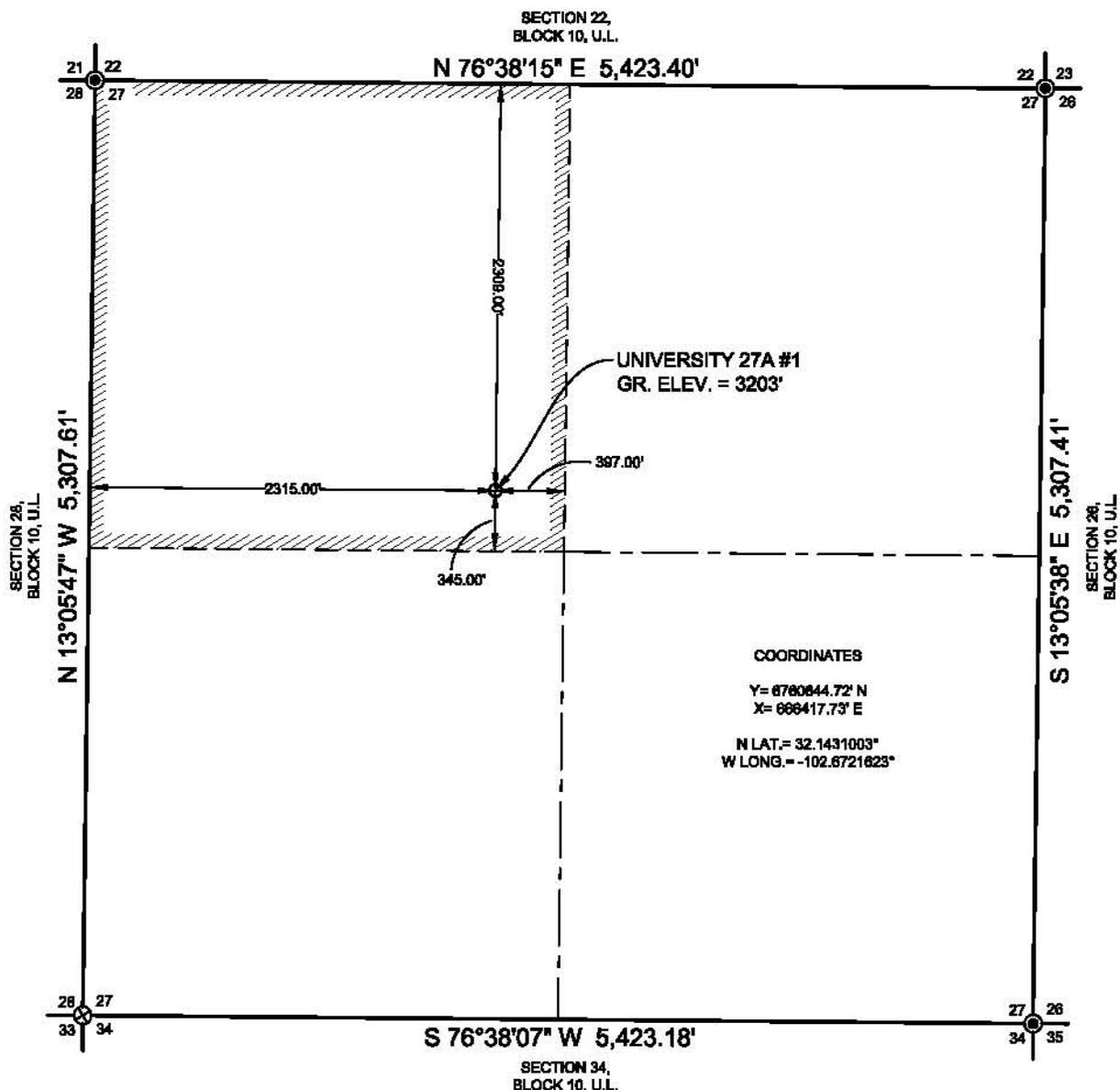
Geologist, Groundwater Advisory Unit  
Oil & Gas Division

GEOLOGIST SEAL



The seal appearing on this document was authorized by George Dunfield on 8/22/2012  
Note: Alteration of this electronic document will invalidate the digital signature.

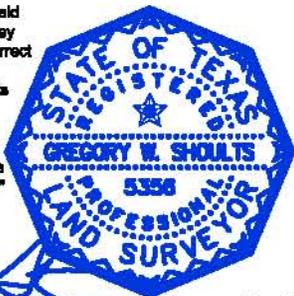
**SECTION 27, BLOCK 10, U.L.  
ANDREWS COUNTY, TEXAS**



**NOTES:**

1. THIS LOCATION IS APPROXIMATELY 15.0 MILES WEST/SOUTH-WEST OF ANDREWS, TEXAS.
2. SEE DOCUMENTS FILED FOR RECORD IN THIS OFFICE, WHICH DESCRIBE THE RECONSTRUCTION OF THIS SECTION.
3. BEARINGS, DISTANCES AND COORDINATES ARE RELATIVE TO THE LAMBERT CONICAL PROJECTION OF TEXAS STATE PLANE COORDINATE SYSTEM, NORTH CENTRAL ZONE, 1983 NORTH AMERICAN DATUM.
4. LEASE = NE4. TOTAL ACRES: 160.00 CALLED.
5. NAMES TAKEN FROM FIELD SIGNAGE.

I, the undersigned, do hereby certify that the survey information found on this permit plat was derived from field notes or electronic data of an actual on-the-ground survey made by me or under my supervision and is true and correct to the best of my knowledge and belief. No warranty is made or intended for the location of any or all easements that may exist within the bounds of this survey. The information presented hereon is for Texas Railroad Commission permitting only, and does not constitute or represent a complete boundary survey as defined by the T.B.P.L.S., "Professional Land Surveying Practices Act."



*Gregory W. Shoults*  
Gregory W. Shoults, RPLS, No. 5356

August 16, 2012

**WEST TEXAS CONSULTANTS, INC.**  
ENGINEERS PLANNERS SURVEYORS  
405 S.W. 1st STREET  
ANDREWS, TEXAS 79714  
(432) 523-2181  
TEXAS REGISTERED ENGINEERING FIRM F-2748  
TEXAS REGISTERED SURVEYOR FIRM #100792-00



**LEGEND**

- DENOTES PROPOSED WELL LOCATION
- DENOTES EXISTING WELL
- ⊙ DENOTES FOUND SECTION CORNER
- ⊗ DENOTES CALCULATED CORNER
- ▨ DENOTES LEASE AREA
- DENOTES 1/2 SECTION LINE
- ▭ DENOTES TANK BATTERY



**SandRidge**  
SandRidge Exploration and Production, LLC

UNIVERSITY 27A #1  
LOCATED 2,309 FEET FROM THE NORTH LINE AND 2,315 FEET  
FROM THE WEST LINE OF SECTION 27, BLOCK 10, U.L.,  
ANDREWS COUNTY, TEXAS.

SURVEY DATE: 08/14/2012	JOB No.: WTC48864	DRAWN BY: J.J.G.	SHEET 1 OF 3
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2: \Projects\01 - Gas Survey\SandRidge - Energy\WTS-5andRidge Energy - State & Plat 1\WTS\Drawing\WTS- UNIV27A #1.dwg