

API No. <u>42-003-44679</u> Drilling Permit # <u>746813</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	
1. RRC Operator No. 748011		2. Operator's Name (as shown on form P-5, Organization Report) SANDRIDGE EXPL. AND PROD., LLC		3. Operator Address (include street, city, state, zip):			
4. Lease Name UNIVERSITY 27A		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"/> 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 5200		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 27	16. Block 10	17. Survey UL		18. Abstract No. A-	19. Distance to nearest lease line: 345 ft.	20. Number of contiguous acres in lease, pooled unit, or unitized tract: 160	
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			
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	33176001	FUHRMAN-MASCHO		Oil Well	5200	0.00	
BOTTOMHOLE LOCATION INFORMATION is required for DIRECTIONAL, HORIZONTAL, AND AMENDED AS DRILLED PERMIT APPLICATIONS							
Remarks 				Certificate: I certify that information stated in this application is true and complete, to the best of my knowledge.			
				Name of filer <u>Bill Spencer, Consultant</u> Date submitted <u>Aug 21, 2012</u> <u>(512)9181062</u> <u>bill@spencerconsulting.org</u> Phone E-mail Address (OPTIONAL)			
RRC Use Only Data Validation Time Stamp: Aug 28, 2012 3:26 PM('As Approved' Version)							

RAILROAD COMMISSION OF TEXAS
OIL & GAS DIVISION

PERMIT TO DRILL, DEEPEN, PLUG BACK, OR RE-ENTER ON A REGULAR OR ADMINISTRATIVE EXCEPTION LOCATION

PERMIT NUMBER <div style="text-align: right;">746813</div>	DATE PERMIT ISSUED OR AMENDED <div style="text-align: center;">Aug 28, 2012</div>	DISTRICT <div style="text-align: center;">* 08</div>																				
API NUMBER <div style="text-align: right;">42-003-44679</div>	FORM W-1 RECEIVED <div style="text-align: center;">Aug 21, 2012</div>	COUNTY <div style="text-align: center;">ANDREWS</div>																				
TYPE OF OPERATION <div style="text-align: center;">NEW DRILL</div>	WELLBORE PROFILE(S) <div style="text-align: center;">Vertical</div>	ACRES <div style="text-align: center;">160</div>																				
OPERATOR <div style="text-align: right;">748011</div> <div style="text-align: center;">SANDRIDGE EXPL. AND PROD., LLC</div>		NOTICE This permit and any allowable assigned may be revoked if payment for fee(s) submitted to the Commission is not honored. District Office Telephone No: <div style="text-align: center;">(432) 684-5581</div>																				
LEASE NAME <div style="text-align: center;">UNIVERSITY 27A</div>		WELL NUMBER <div style="text-align: center;">1</div>																				
LOCATION <div style="text-align: center;">19 miles SW direction from ANDREWS</div>		TOTAL DEPTH <div style="text-align: center;">5200</div>																				
Section, Block and/or Survey SECTION 27 BLOCK 10 ABSTRACT SURVEY UL																						
DISTANCE TO SURVEY LINES <div style="text-align: center;">2309 ft. N 2315 ft. W</div>		DISTANCE TO NEAREST LEASE LINE <div style="text-align: center;">345 ft.</div>																				
DISTANCE TO LEASE LINES <div style="text-align: center;">397 ft. E 345 ft. S</div>		DISTANCE TO NEAREST WELL ON LEASE <div style="text-align: center;">See FIELD(s) Below</div>																				
FIELD(s) and LIMITATIONS: <div style="text-align: center;">* SEE FIELD DISTRICT FOR REPORTING PURPOSES *</div>																						
<table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:60%;">FIELD NAME LEASE NAME</th> <th style="width:10%;">ACRES NEAREST LEASE</th> <th style="width:10%;">DEPTH</th> <th style="width:10%;">WELL # NEAREST WE</th> <th style="width:10%;">DIST</th> </tr> </thead> <tbody> <tr> <td>-----</td> <td>-----</td> <td>-----</td> <td>-----</td> <td>---</td> </tr> <tr> <td>FUHRMAN-MASCHO</td> <td align="right">160.00</td> <td align="right">5,200</td> <td align="right">1</td> <td align="right">08</td> </tr> <tr> <td>UNIVERSITY 27A</td> <td align="right">345</td> <td></td> <td align="right">0</td> <td></td> </tr> </tbody> </table>			FIELD NAME LEASE NAME	ACRES NEAREST LEASE	DEPTH	WELL # NEAREST WE	DIST	-----	-----	-----	-----	---	FUHRMAN-MASCHO	160.00	5,200	1	08	UNIVERSITY 27A	345		0	
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FUHRMAN-MASCHO	160.00	5,200	1	08																		
UNIVERSITY 27A	345		0																			
RESTRICTIONS: This is a hydrogen sulfide field. Hydrogen Sulfide Fields with perforations must be isolated and tested per State Wide Rule 36 and a Form H-9 filed with the district office. Fields with SWR 10 authority to downhole commingle must be isolated and tested individually prior to commingling production.																						
<p align="center">THE FOLLOWING RESTRICTIONS APPLY TO ALL FIELDS</p> <p>This well shall be completed and produced in compliance with applicable special field or statewide spacing and density rules. If this well is to be used for brine mining, underground storage of liquid hydrocarbons in salt formations, or underground storage of gas in salt formations, a permit for that specific purpose must be obtained from Environmental Services prior to construction, including drilling, of the well in accordance with Statewide Rules 81, 95, and 97.</p>																						

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

SANDRIDGE E&P LLC 123 ROBERT S KERR OKLAHOMA CITY OK 73102	--Measured--	Digital Map Location:	
	2315 ft FWL	X-coord/Long	666417
	2309 ft FNL	Y-coord/Lat	6760644
	MRI:SECTION	Datum 27	Zone NC
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] ,**

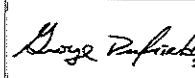
To protect usable-quality groundwater at this location, the Groundwater Advisory Unit of the Texas Railroad Commission recommends:

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 W-14).

If you have any questions, please contact us at 512-463-2741, gaug@rrc.state.tx.us, or by mail.

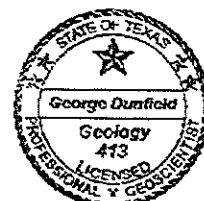
Sincerely,


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.

0051R Transition Form
Rev. 3/1/2011

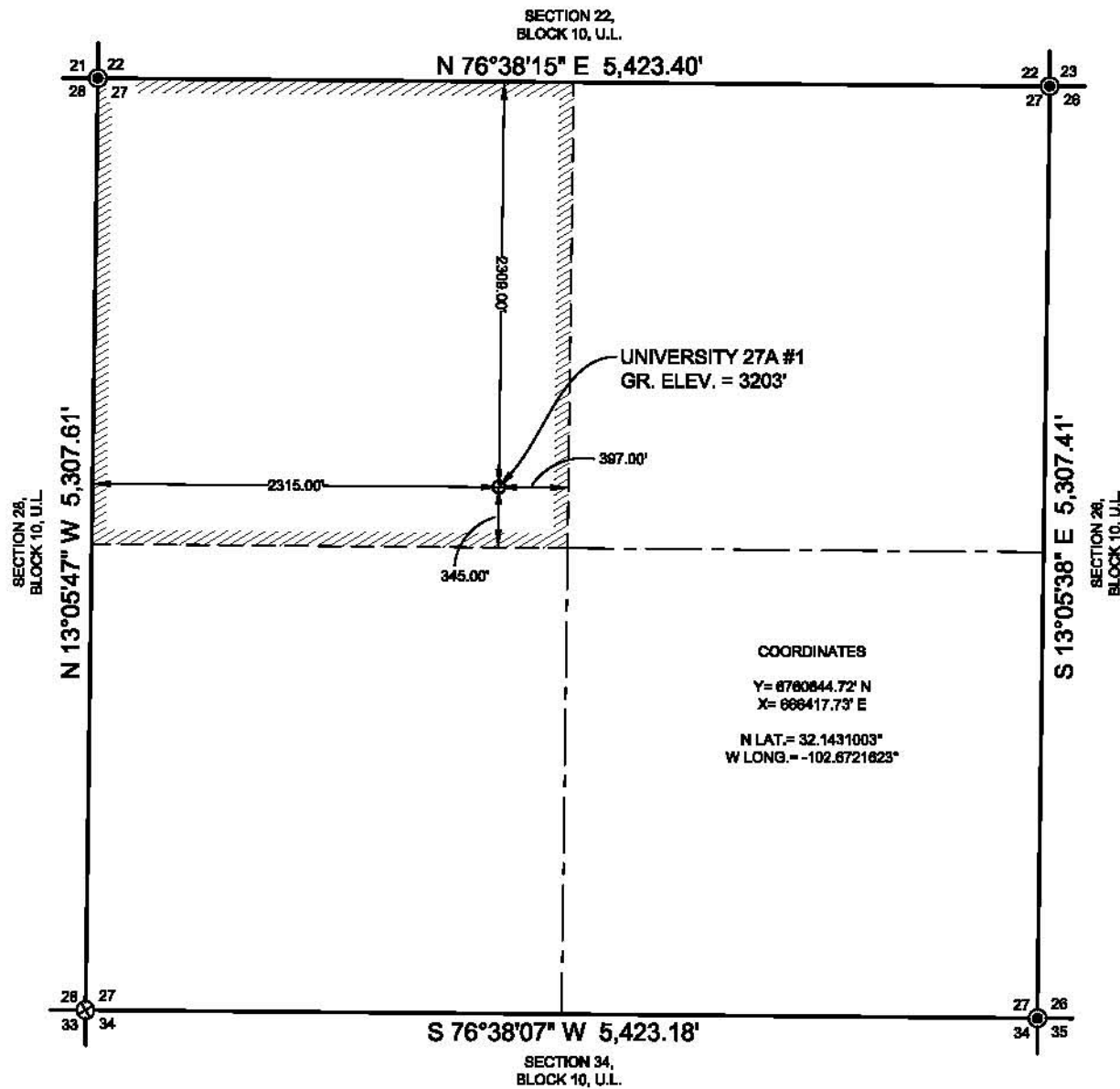
P.O. Box 12967

Austin, Texas 78711-2967

512-463-2741

Internet address: www.rrc.state.tx.us

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



- NOTES:
1. THIS LOCATION IS APPROXIMATELY 15.0 MILES WEST/SOUTHWEST 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 = NE¼. 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, 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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