

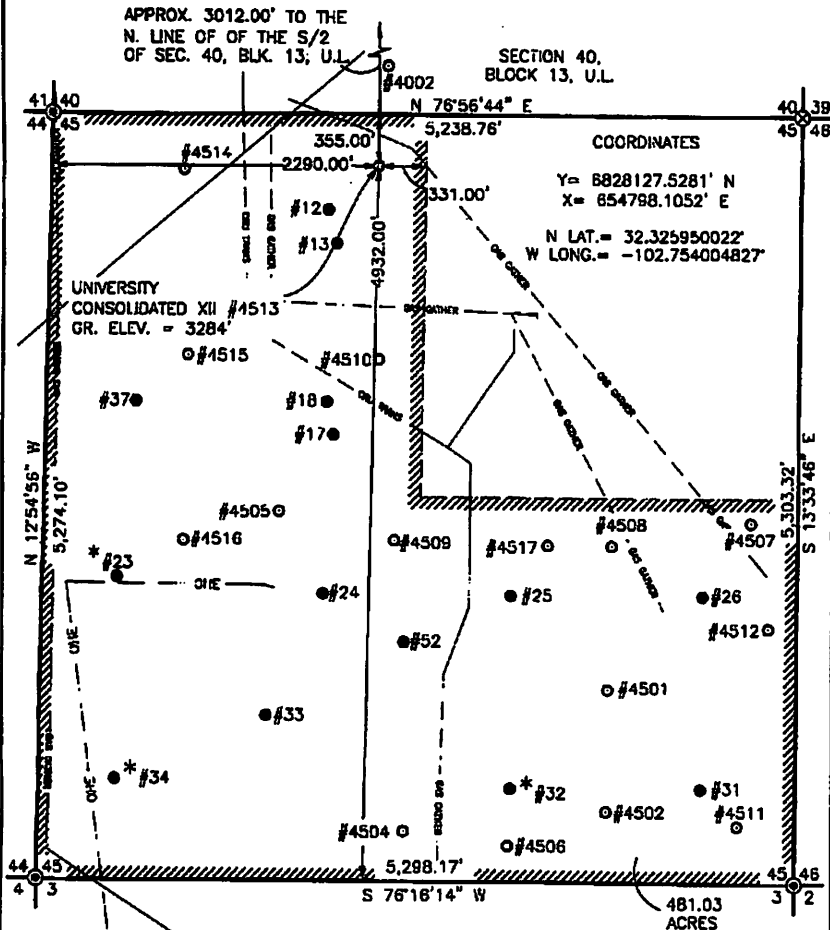
API No. <u>42-003-42177</u> Drilling Permit # <u>704324</u> SWR Exception Case/Docket No. _____		RAILROAD COMMISSION OF TEXAS OIL & GAS DIVISION APPLICATION FOR PERMIT TO DRILL, RECOMPLETE, OR RE-ENTER <i>This facsimile W-1 was generated electronically from data submitted to the RRC.</i> <i>A certification 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. <u>748011</u>		2. Operator's Name (as shown on form P-5, Organization Report) <u>SANDRIDGE EXPL. AND PROD., LLC</u>		3. Operator Address (include street, city, state, zip): 		
4. Lease Name <u>UNIVERSITY CONSOLIDATED XII</u>		5. Well No. <u>4513</u>				
GENERAL INFORMATION						
6. Purpose of filing (mark ALL appropriate boxes): <div style="display: flex; justify-content: space-between;"> <input checked="" type="checkbox"/> New Drill <input type="checkbox"/> Recompletion <input type="checkbox"/> Reclass <input type="checkbox"/> Field Transfer <input type="checkbox"/> Re-Enter </div> <div style="display: flex; justify-content: space-between;"> <input type="checkbox"/> Amended <input type="checkbox"/> Amended as Drilled (BHL) (Also File Form W-1D) </div>						
7. Wellbore Profile (mark ALL appropriate boxes): <div style="display: flex; justify-content: space-between;"> <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 </div>						
8. Total Depth <u>4900</u>		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. <u>08</u>		12. County <u>ANDREWS</u>		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>8</u> miles in a <u>NW</u> direction from <u>ANDREWS</u> which is the nearest town in the county of the well site.						
15. Section <u>45</u>	16. Block <u>13</u>	17. Survey <u>UL</u>	18. Abstract No. <u>A-</u>	19. Distance to nearest lease line: <u>331</u> ft.	20. Number of contiguous acres in lease, pooled unit, or unitized tract: <u>1850.59</u>	
21. Lease Perpendiculars: <u>3012</u> ft from the <u>N</u> line and <u>331</u> ft from the <u>E</u> line. 22. Survey Perpendiculars: <u>355</u> ft from the <u>N</u> line and <u>2290</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	32. Number of Wells on this lease in this Reservoir
08	33176001	FUHRMAN-MASCHO	Oil Well	4900	608.00	36
BOTTOMHOLE LOCATION INFORMATION is required for DIRECTIONAL, HORIZONTAL, AND AMENDED AS DRILLED PERMIT APPLICATIONS						
Remarks [RRC STAFF Oct 27, 2010 8:46 AM]: There have been problems identified with this permit (see problem letter attachment). Notification sent.; [RRC STAFF Oct 27, 2010 10:06 AM]: Problems identified with this permit are resolved.			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> <u>Dana Alaniz, Drlg Engineering Tech II</u> Name of filer <u>(432)5239993</u> Phone </div> <div> <u>Oct 26, 2010</u> Date submitted <u>dalaniz1@sdrge.com</u> E-mail Address (OPTIONAL) </div> </div>			
RRC Use Only Data Validation Time Stamp: Nov 15, 2010 2:58 PM(Current 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 704324	DATE PERMIT ISSUED OR AMENDED Oct 27, 2010	DISTRICT * 08																					
API NUMBER 42-003-42177	FORM W-1 RECEIVED Oct 26, 2010	COUNTY ANDREWS																					
TYPE OF OPERATION NEW DRILL	WELLBORE PROFILE(S) Vertical	ACRES 1850.59																					
OPERATOR SANDRIDGE EXPL. AND PROD., LLC		748011 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: (432) 684-5581																					
LEASE NAME UNIVERSITY CONSOLIDATED XII		WELL NUMBER 4513																					
LOCATION 8 miles NW direction from ANDREWS		TOTAL DEPTH 4900																					
Section, Block and/or Survey SECTION ◀ 45 BLOCK ◀ 13 ABSTRACT ◀ SURVEY ◀ UL																							
DISTANCE TO SURVEY LINES 355 ft. N 2290 ft. W		DISTANCE TO NEAREST LEASE LINE 331 ft.																					
DISTANCE TO LEASE LINES 3012 ft. N 331 ft. E		DISTANCE TO NEAREST WELL ON LEASE See FIELD(s) Below																					
FIELD(s) and LIMITATIONS: <p align="center">* SEE FIELD DISTRICT FOR REPORTING PURPOSES *</p> <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">FIELD NAME LEASE NAME</th> <th style="text-align: center;">ACRES NEAREST LEASE</th> <th style="text-align: center;">DEPTH NEAREST LEASE</th> <th style="text-align: center;">WELL # NEAREST WE</th> <th style="text-align: center;">DIST</th> </tr> </thead> <tbody> <tr> <td>-----</td> <td>-----</td> <td>-----</td> <td>-----</td> <td>---</td> </tr> <tr> <td>FUHRMAN-MASCHO</td> <td align="center">1850.59</td> <td align="center">4,900</td> <td align="center">4513</td> <td align="center">08</td> </tr> <tr> <td>UNIVERSITY CONSOLIDATED XII</td> <td align="center">331</td> <td></td> <td align="center">608</td> <td></td> </tr> </tbody> </table>				FIELD NAME LEASE NAME	ACRES NEAREST LEASE	DEPTH NEAREST LEASE	WELL # NEAREST WE	DIST	-----	-----	-----	-----	---	FUHRMAN-MASCHO	1850.59	4,900	4513	08	UNIVERSITY CONSOLIDATED XII	331		608	
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UNIVERSITY CONSOLIDATED XII	331		608																				
RESTRICTIONS: This is a hydrogen sulfide field. This well shall be drilled in accordance with SWR 36.																							
<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>																							

SECTION 45, BLOCK 13, U.L. ANDREWS COUNTY, TEXAS



NOTES:

1. THIS LOCATION IS APPROXIMATELY 8.0 MILES WEST/NORTHWEST OF ANDREWS, TEXAS.
2. SEE DOCUMENTS FILED FOR RECORD IN THIS OFFICE, WHICH DESCRIBE THE RECONSTRUCTION OF THIS SECTION.
3. BEARING DISTANCES AND COORDINATES ARE RELATIVE TO THE TEXAS STATE PLANE COORDINATE SYSTEM, NORTH CENTRAL ZONE, 1983 NORTH AMERICAN DATUM.
4. LEASE = SE/4, N/2 OF THE SW/4, SE/4 OF THE SW/4 OF SECTION 40, BLOCK 13, U.L.
S/2 OF THE SE/4 OF SECTION 41, BLOCK 13, U.L.
NW/4, S/2 OF SECTION 45, BLOCK 13, U.L.
W/2 OF SECTION 48, BLOCK 13, U.L.
5. WELLS #4503, #8 COULD NOT BE FIELD VERIFIED AT TIME OF SURVEY.
6. NAMES TAKEN FROM FIELD SIGNAGE.

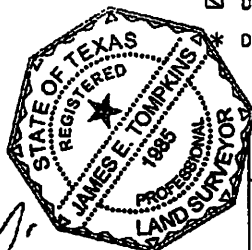
LEGEND

- DENOTES PROPOSED WELL LOCATION
- DENOTES EXISTING WELL
- ⊙ DENOTES FOUND MONUMENT AS NOTED
- ⊕ DENOTES CALCULATED CORNER
- DENOTES LEASE LINE
- ▨ DENOTES LEASE AREA
- DENOTES 1/2 SECTION LINE
- ☒ DENOTES TANK BATTERY
- * DENOTES NO SIGNAGE IN FIELD

1000 0 1000 2000 FEET
SCALE: 1" = 1000'

ADJACENT WELLS

NAME:	DISTANCE:
UNIVERSITY XII #12	461.00'
UNIVERSITY XII #13	608.00'
UNIVERSITY XII #17	1881.00'
UNIVERSITY XII #18	1869.00'
UNIVERSITY XII #23	3371.00'
UNIVERSITY XII #24	2979.00'
UNIVERSITY XII #25	3107.00'
UNIVERSITY XII #26	3735.00'
UNIVERSITY XII #31	4853.00'
UNIVERSITY XII #32	4393.00'
UNIVERSITY XII #33	3869.00'
UNIVERSITY XII #34	4607.00'
UNIVERSITY XII LS #37	2344.00'
UNIVERSITY XII #52	3293.00'
UNIVERSITY XII CONS #4002	3948.00'
UNIVERSITY XII CONS #4501	688.00'
UNIVERSITY XII CONS #4502	4726.00'
UNIVERSITY CONS XII #4504	4593.00'
UNIVERSITY CONS XII #4505	2483.00'
UNIVERSITY XII CONS #4506	4775.00'
UNIVERSITY CONS XII #4507	3584.00'
UNIVERSITY CONS XII #4508	3087.00'
UNIVERSITY XII CONS #4509	2592.00'
UNIVERSITY CONS XII #4510	1340.00'
UNIVERSITY CONS XII #4511	5199.00'
UNIVERSITY CONS XII #4512	4198.00'
UNIVERSITY CONS XII #4514	1356.00'
UNIVERSITY XII CONS #4515	1861.00'
UNIVERSITY CONS XII #4516	2916.00'
UNIVERSITY CONS XII #4517	2875.00'
NEAREST POWER LINE	3000.00'
NEAREST PIPELINE	198.00'



SandRidge Exploration And Production, LLC

UNIVERSITY CONSOLIDATED XII #4513
LOCATED 355 FEET FROM THE NORTH LINE AND 2,290 FEET
FROM THE WEST LINE OF SECTION 45, BLOCK 13, U.L.,
ANDREWS COUNTY, TEXAS.

SURVEY DATE: 10-19-10 SHEET 1 OF 1 SHEETS
W.O. NUMBER: DRAWN BY: A.H.L.
DATE: 10-22-10 WTC48077 SCALE: 1" = 1000'

WEST TEXAS CONSULTANTS, INC.
ENGINEERS • PLANNERS • SURVEYORS
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ANDREWS, TEXAS 79714
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