

API No. <u>42-003-05617</u> Drilling Permit # <u>765280</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): 123 ROBERT S KERR AVE OKLAHOMA CITY, OK 73102			
4. Lease Name UNIVERSITY 48C		5. Well No. 3					
GENERAL INFORMATION							
6. Purpose of filing (mark ALL appropriate boxes): <div style="display: flex; justify-content: space-between;"> <input type="checkbox"/> New Drill <input type="checkbox"/> Recompletion <input type="checkbox"/> Reclass <input type="checkbox"/> Field Transfer <input checked="" 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 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>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 48		16. Block 13		17. Survey UL		18. Abstract No. A-U440	
				19. Distance to nearest lease line: 1172 ft.		20. Number of contiguous acres in lease, pooled unit, or unitized tract: 160	
21. Lease Perpendiculars: <u>1172</u> ft from the <u>E</u> line and <u>1326</u> ft from the <u>S</u> line. 22. Survey Perpendiculars: <u>1172</u> ft from the <u>E</u> line and <u>1326</u> ft from the <u>S</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	1304.00	
08	00018001	WILDCAT		Oil or Gas Well	5200	0.00	
BOTTOMHOLE LOCATION INFORMATION is required for DIRECTIONAL, HORIZONTAL, AND AMENDED AS DRILLED PERMIT APPLICATIONS							
Remarks [FILER Jun 24, 2013 10:26 AM]: Reentry 003-05617; [RRC STAFF Jun 27, 2013 7:30 AM]: There have been problems identified with this permit (see problem letter attachment). Notification sent.; [RRC STAFF Jul 2, 2013 8:27 AM]: Problems identified with this permit are resolved.; [RRC STAFF Jul 2, 2013 8:27 AM]: Revised plat attached. Changed lease name and well number to match plat.				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>Bill Spencer, Consultant</u> Name of filer <u>(512)9181062</u> Phone </div> <div> <u>Jun 24, 2013</u> Date submitted <u>bill@spencerconsulting.org</u> E-mail Address (OPTIONAL) </div> </div>			
RRC Use Only							
Data Validation Time Stamp: Jul 2, 2013 8:28 AM('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

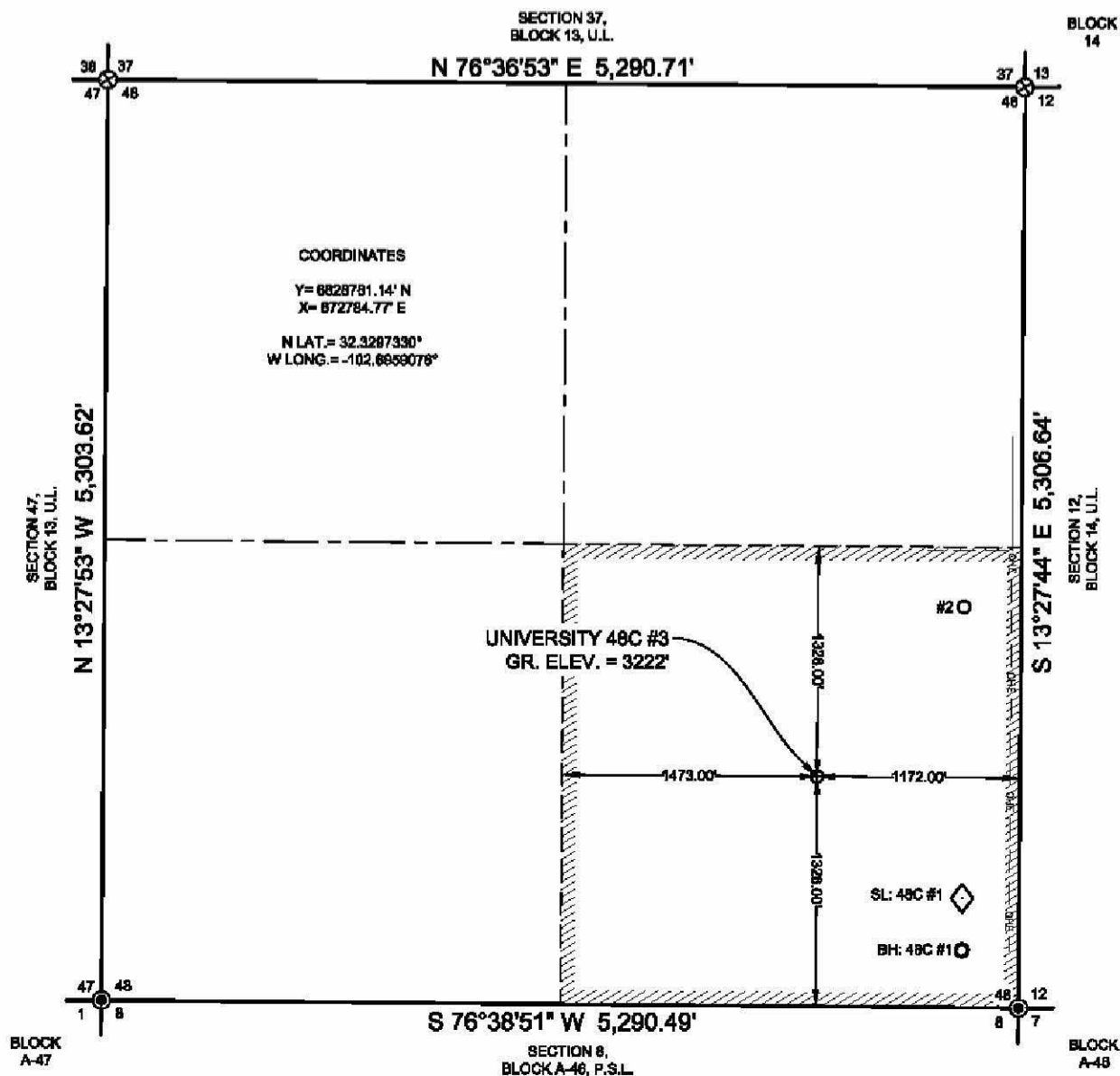
PERMIT NUMBER <div style="text-align: right;">765280</div>	DATE PERMIT ISSUED OR AMENDED <div style="text-align: center;">Jul 02, 2013</div>	DISTRICT <div style="text-align: center;">* 08</div>			
API NUMBER <div style="text-align: right;">42-003-05617</div>	FORM W-1 RECEIVED <div style="text-align: center;">Jun 24, 2013</div>	COUNTY <div style="text-align: center;">ANDREWS</div>			
TYPE OF OPERATION <div style="text-align: center;">REENTER</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> SANDRIDGE EXPL. AND PROD., LLC 123 ROBERT S KERR AVE OKLAHOMA CITY, OK 73102		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 <div style="text-align: center;">UNIVERSITY 48C</div>		WELL NUMBER <div style="text-align: center;">3</div>			
LOCATION <div style="text-align: center;">8 miles NW direction from ANDREWS</div>		TOTAL DEPTH <div style="text-align: center;">5200</div>			
Section, Block and/or Survey SECTION ◀ 48 BLOCK ◀ 13 ABSTRACT ◀ U440 SURVEY ◀ UL					
DISTANCE TO SURVEY LINES <div style="text-align: center;">1172 ft. E 1326 ft. S</div>		DISTANCE TO NEAREST LEASE LINE <div style="text-align: center;">1172 ft.</div>			
DISTANCE TO LEASE LINES <div style="text-align: center;">1172 ft. E 1326 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>					
FIELD NAME LEASE NAME		ACRES NEAREST LEASE	DEPTH NEAREST WE	WELL # NEAREST WE	DIST
----- FUHRMAN-MASCHO UNIVERSITY 48C		160.00 1172	5,200 1304	3 1304	08
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.					
----- WILDCAT UNIVERSITY 48C		160.00 1172	5,200 0	3 0	08
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THE FOLLOWING RESTRICTIONS APPLY TO ALL FIELDS					

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LOCATION <div style="text-align: center;">8 miles NW direction from ANDREWS</div>		TOTAL DEPTH <div style="text-align: center;">5200</div>										
Section, Block and/or Survey <div style="display: flex; justify-content: space-between;"> <div>SECTION ◀ 48</div> <div>BLOCK ◀ 13</div> <div>ABSTRACT ◀ U440</div> </div> <div style="display: flex; justify-content: space-between;"> <div>SURVEY ◀ UL</div> <div></div> <div></div> </div>												
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FIELD(s) and LIMITATIONS: <div style="text-align: center; padding-top: 20px;">* SEE FIELD DISTRICT FOR REPORTING PURPOSES *</div>												
<table style="width: 100%; border: none;"> <tr> <td style="width: 60%;">FIELD NAME</td> <td style="width: 10%;">ACRES</td> <td style="width: 10%;">DEPTH</td> <td style="width: 10%;">WELL #</td> <td style="width: 10%;">DIST</td> </tr> <tr> <td>LEASE NAME</td> <td>NEAREST LEASE</td> <td></td> <td>NEAREST WE</td> <td></td> </tr> </table>			FIELD NAME	ACRES	DEPTH	WELL #	DIST	LEASE NAME	NEAREST LEASE		NEAREST WE	
FIELD NAME	ACRES	DEPTH	WELL #	DIST								
LEASE NAME	NEAREST LEASE		NEAREST WE									
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.												

SECTION 48, BLOCK 13, U.L.
ANDREWS COUNTY, TEXAS



ADJACENT WELLS/ FEATURES

NAME:	DISTANCE:
BH: UNIVERSITY 48C #1	1304.00'
SL: UNIVERSITY 48C #1	1093.00'
UNIVERSITY 48C #2	1295.00'
NEAREST POWERLINE	1116.00'

NOTES:

1. THIS LOCATION IS APPROXIMATELY 8.0 MILES WEST/NORTH-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 = SE/4. 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 herein is for Texas Railroad Commission permitting only, and does not constitute or represent a complete boundary survey as defined by the T.S.P.L.S., "Professional Land Surveying Practice Act."



Gregory W. Shoults, RPLS, No. 5356

July 1, 2013

WEST TEXAS CONSULTANTS, INC.

ENGINEERS PLANNERS SURVEYORS

405 S.W. 1st STREET
ANDREWS TEXAS 79314

REWS, TEXAS
(432) 523-2181

TEXAS REGISTERED ENGINEERING FIRM F-2748

TEXAS REGISTERED SURVEYOR FIRM #100782-00

LEGEND

- DENOTES PROPOSED/ PERMITTED WELL LOCATION
- DENOTES EXISTING WELL
- ⊙ DENOTES FOUND SECTION CORNER
- ⊗ DENOTES CALCULATED CORNER
- ▨ DENOTES LEASE AREA
- DENOTES 1/2 SECTION LINE
- ▢ DENOTES TANK BATTERY
- ◊ DENOTES DIRECTIONAL WELL SURFACE LOCATION



SandRidge

SandRidge Exploration And Production, LLC

UNIVERSITY 48C #3
LOCATED 1,328 FEET FROM THE SOUTH LINE AND 1,172 FEET
FROM THE EAST LINE OF SECTION 48, BLOCK 13, U.L.,
ANDREWS COUNTY, TEXAS.

SURVEY DATE: 06/18/2013

JOB No.: WTC49203

DRAWN BY: J.T.A.

SHEET 1 OF 3

