

API No. <u>42-003-44232</u> Drilling Permit # <u>738240</u> SWR Exception Case/Docket No. <u>0275902</u> (R37)		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 6N</u>		5. Well No. <u>15</u>				
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 <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>18</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 <u>6</u>	16. Block <u>10</u>	17. Survey <u>UL</u>	18. Abstract No. <u>A-</u>	19. Distance to nearest lease line: <u>270</u> ft.	20. Number of contiguous acres in lease, pooled unit, or unitized tract: <u>240</u>	
21. Lease Perpendiculars: <u>270</u> ft from the <u>E</u> line and <u>1630</u> ft from the <u>N</u> line.						
22. Survey Perpendiculars: <u>270</u> ft from the <u>E</u> line and <u>1630</u> ft from the <u>N</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	403.00	11
BOTTOMHOLE LOCATION INFORMATION is required for DIRECTIONAL, HORIZONTAL, AND AMENDED AS DRILLED PERMIT APPLICATIONS						
Remarks [RRC STAFF Apr 26, 2012 12:59 PM]: Changed nearest well distance per plat and wblm.; [RRC STAFF Apr 26, 2012 1:00 PM]: There have been problems identified with this permit (see problem letter attachment). Notification sent.; [RRC STAFF Apr 26, 2012 1:00 PM]: 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>Bill Spencer, Consultant</u> Name of filer </div> <div> <u>Apr 13, 2012</u> Date submitted </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div> <u>(512)9181062</u> Phone </div> <div> <u>bill@spencerconsulting.org</u> E-mail Address (OPTIONAL) </div> </div>			
RRC Use Only Data Validation Time Stamp: <u>Apr 26, 2012 2:47 PM('As Approved' Version)</u>						

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 738240	DATE PERMIT ISSUED OR AMENDED Apr 26, 2012	DISTRICT * 08		
API NUMBER 42-003-44232	FORM W-1 RECEIVED Apr 13, 2012	COUNTY ANDREWS		
TYPE OF OPERATION NEW DRILL	WELLBORE PROFILE(S) Vertical	ACRES 240		
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 6N		WELL NUMBER 15		
LOCATION 18 miles SW direction from ANDREWS		TOTAL DEPTH 4900		
Section, Block and/or Survey SECTION ◀ 6 BLOCK ◀ 10 ABSTRACT ◀ SURVEY ◀ UL				
DISTANCE TO SURVEY LINES 270 ft. E 1630 ft. N		DISTANCE TO NEAREST LEASE LINE 270 ft.		
DISTANCE TO LEASE LINES 270 ft. E 1630 ft. N		DISTANCE TO NEAREST WELL ON LEASE See FIELD(s) Below		
FIELD(s) and LIMITATIONS: * SEE FIELD DISTRICT FOR REPORTING PURPOSES * ** THIS PERMIT IS GRANTED PURSUANT TO STATEWIDE RULE 37(h)(2)(B) ** CASE NO. 0275902				
FIELD NAME LEASE NAME	ACRES NEAREST LEASE	DEPTH NEAREST LEASE	WELL # NEAREST WE	DIST
** FUHRMAN-MASCHO	240.00	4,900	15	08
UNIVERSITY 6N	270		403	
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.				
'**' PRECEDING FIELD NAME INDICATES RULE (R37)				
THE FOLLOWING RESTRICTIONS APPLY TO ALL FIELDS				
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.				



Texas Commission
on Environmental Quality
Surface Casing Program

DEPTH OF USABLE-QUALITY GROUND WATER TO BE PROTECTED

Date **October 13, 2010**

TCEQ File No.: SC- **13865**

***** EXPEDITED APPLICATION *****

API Number **00300000**

Attention: **TERRI STATHEM**

RRC Lease No. **000000**

SC_748011_00300000_000000_13865.pdf

SANDRIDGE E&P LLC
123 ROBERT S KERR
OKLAHOMA CITY OK 73102

--Measured--

1000 ft FEL

338 ft FNL

MRL:SECTION

P-5# 748011

Digital Map Location:

X-coord/Long **658421**

Y-coord/Lat **6779834**

Datum **83** Zone **NC**

County **ANDREWS**

Lease & Well No. **UNIVERSITY 6N #13&ALL**

Purpose **ND**

Location **SUR-UL,BLK-10,SEC-6,--[TD=12000],[RRC 8],**

To protect usable-quality ground water at this location, the Texas Commission on Environmental Quality recommends:

The interval from the land surface to a depth of 250 feet
and the ZONE from 1050 feet to 1400 feet must be protected.

This recommendation is applicable to all wells drilled in this section 6.

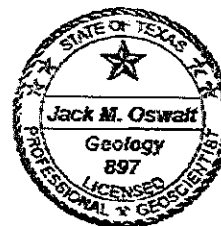
Note: Unless stated otherwise, this recommendation is intended to apply only to the subject well and not for area-wide use. Approval of the well completion methods for protection of this groundwater falls under the jurisdiction of the Railroad Commission of Texas. This recommendation is intended for 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 512-239-0515, sc@tceq.state.tx.us, or by mail MC-151.

Sincerely,

Digitally signed by Jack Oswalt
DN: c=US, st=Texas, l=Austin, ou=Surface
Casing, o=Texas Commission on
Environmental Quality, cn=Jack Oswalt,
email=joswalt@tceq.state.tx.us
Date: 2010.10.13 09:56:13 -0500

GEOLOGIST SEAL



Jack M. Oswalt, P.G.

Geologist, Surface Casing Team
Waste Permits Division

The seal appearing on this document was authorized by Jack M. Oswalt on 10/13/2010
Note: Alteration of this electronic document will invalidate the digital signature.

TCEQ Form-8051R
Rev. 09/2008

P.O. Box 13087 Austin, Texas 78711 3087

512 239 1000

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

SECTION 6, BLOCK 10, U.L.
ANDREWS COUNTY, TEXAS

SECTION 22,
BLOCK A-41, P.S.L.

22 21
SURVEY 112, BLOCK "P"

SURVEY 113,
BLOCK "P"

N 76°38'16" E 5,425.09'

UNIVERSITY 6N #15
GR. ELEV. = 3258'

SECTION 1,
BLOCK 11, U.L.
N 13°05'35" W 4,912.36'

S 13°05'07" E 4,915.38'

COORDINATES

Y= 6778731.17' N
X= 659422.91' E

N LAT.= 32.190796824°
W LONG.= -102.732604078°

BLOCK
11

S 76°40'11" W 5,424.40'

SECTION 7,
BLOCK 10, U.L.

ADJACENT WELLS/ FEATURES

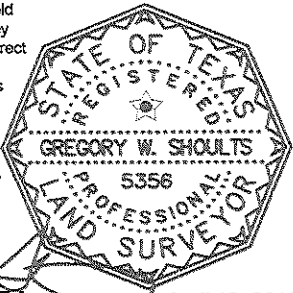
NAME:	DISTANCE:
UNIVERSITY 6N #1	1167.00'
UNIVERSITY 6N #2	403.00'
UNIVERSITY 6N #3	728.00'
UNIVERSITY 6N #4	753.00'
UNIVERSITY 6N #5	3163.00'

NAME:	DISTANCE:
UNIVERSITY 6N #6	3197.00'
UNIVERSITY 6N #7	2216.00'
UNIVERSITY 6N #8	2164.00'
UNIVERSITY 6N 9	1197.00'
UNIVERSITY 6N 13	1481.00'

NAME:	DISTANCE:
NEAREST POWERLINE	144.00'
NEAREST PIPELINE	2413.00'
SH 115	529.00'

- NOTES:
- THIS LOCATION IS APPROXIMATELY 13.0 MILES WEST/SOUTHWEST OF ANDREWS, TEXAS.
 - SEE DOCUMENTS FILED FOR RECORD IN THIS OFFICE, WHICH DESCRIBE THE RECONSTRUCTION OF THIS SECTION.
 - BEARINGS, DISTANCES AND COORDINATES ARE RELATIVE TO THE LAMBERT CONICAL PROJECTION OF TEXAS STATE PLANE COORDINATE SYSTEM, NORTH CENTRAL ZONE, 1983 NORTH AMERICAN DATUM.
 - LEASE = NE/4, E/2 OF THE NW/4. TOTAL ACRES: 240.00 CALLED.
 - 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

April 13, 2012



WEST TEXAS CONSULTANTS, INC.
ENGINEERS PLANNERS SURVEYORS
405 S.W. 1st STREET
ANDREWS, TEXAS 79714
(432) 523-2181
TEXAS REGISTERED ENGINEERING FIRM F-2746
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
- ★ DENOTES OIL/GAS WELL

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

SandRidge

SandRidge Exploration And Production, LLC

UNIVERSITY 6N #15
LOCATED 1,630 FEET FROM THE NORTH LINE AND 270 FEET
FROM THE EAST LINE OF SECTION 6, BLOCK 10, U.L.,
ANDREWS COUNTY, TEXAS.

SURVEY DATE: 04/04/12 JOB No.: WTC48481 DRAWN BY: J.J.G. SHEET 1 OF 3