

API No. 42-003-44621 Drilling Permit # 745329 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. 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 SOUTH FUHRMAN MASCHO UNIT		5. Well No. 5120					
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 18 miles in a SW direction from andrews which is the nearest town in the county of the well site.							
15. Section 5		16. Block 10	17. Survey UL	18. Abstract No. A-	19. Distance to nearest lease line: 899 ft.	20. Number of contiguous acres in lease, pooled unit, or unitized tract: 1600	
21. Lease Perpendiculars: 1400 ft from the W line and 899 ft from the N line.							
22. Survey Perpendiculars: 1400 ft from the W line and 330 ft from the S 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	288.00	
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. Bill Spencer, Consultant Jul 25, 2012 Name of filer Date submitted (512)9181062 bill@spencerconsulting.org Phone E-mail Address (OPTIONAL)			
RRC Use Only Data Validation Time Stamp: Aug 6, 2012 1:30 PM(Current Version)							

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

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Groundwater
Advisory Unit

GROUNDWATER PROTECTION DETERMINATION

Date July 24, 2012

GAU File No.: SC- 15330

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

API Number 00300000

Attention: BARBARA LESTER

RRC Lease No. 000000

SC_748011_00300000_000000_15330.pdf

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

--Measured--

1510 ft FWL

830 ft FNL

MRL:SECTION

P-5# 748011

Digital Map Location:

X-coord/Long 661060

Y-coord/Lat 6779943

Datum 27 Zone NC

County ANDREWS

Lease & Well No. UNIVERSITY 5 #6&ALL

Purpose ND

Location SUR-UL,BLK-10,SEC-5,-- [TD=5200] , [RRC 8] ,

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

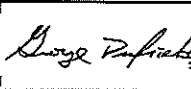
The interval from the land surface to a depth of 250 feet and the ZONE from 1150 feet to 1550 feet must be protected.

This recommendation is applicable to all wells drilled in this LEASE IN SECTION 5.

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).

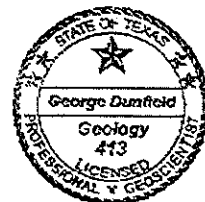
If you have any questions, please contact us at 512-463-2741, gau@rrc.state.tx.us, or by mail.

Sincerely,


Digitally signed by George Dunfield
DN: cn=US, o=Texas, ou=Railroad
Commission of Texas, cn=George
Dunfield,
email=george.dunfield@rrc.state.tx.us
Date: 2012.07.24 13:20:41 -0500

George Dunfield, P.G.

GEOLOGIST SEAL



Geologist, Groundwater Advisory Unit
Oil & Gas Division

The seal appearing on this document was authorized by George Dunfield on 7/24/2012.
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 5, BLOCK 10, U.L.
ANDREWS COUNTY, TEXAS

NOTE: NOT A POOLED UNIT LEASE

BLOCK
A-41 22 21

BLOCK
A-42 21 25

N 76°38'18" E 5,423.07'

SURVEY 112, BLOCK "P"

SURVEY 113, BLOCK "P"

ADJACENT WELLS/ FEATURES

NAME:	DISTANCE:
SOUTH FUHRMAN MASCHO UNIT #521	4794.00'
SOUTH FUHRMAN MASCHO UNIT #524	731.00'
SOUTH FUHRMAN MASCHO UNIT #532	3277.00'
SOUTH FUHRMAN MASCHO UNIT #534	2009.00'
SOUTH FUHRMAN MASCHO UNIT #542	4267.00'
SOUTH FUHRMAN MASCHO UNIT #544	3388.00'
SOUTH FUHRMAN MASCHO UNIT #558	4860.00'
SOUTH FUHRMAN MASCHO UNIT #559	5648.00'
SOUTH FUHRMAN MASCHO UNIT #564	288.00'
SOUTH FUHRMAN MASCHO UNIT #567	4026.00'
SOUTH FUHRMAN MASCHO UNIT #568	4812.00'
SOUTH FUHRMAN MASCHO UNIT #569	3783.00'
SOUTH FUHRMAN MASCHO UNIT #574	1277.00'
SOUTH FUHRMAN MASCHO UNIT #578	4302.00'
SOUTH FUHRMAN MASCHO UNIT #577	3006.00'
SOUTH FUHRMAN MASCHO UNIT #578	4024.00'
SOUTH FUHRMAN MASCHO UNIT #579	1149.00'
SOUTH FUHRMAN MASCHO UNIT #584	2689.00'
SOUTH FUHRMAN MASCHO UNIT #588	2876.00'
SOUTH FUHRMAN MASCHO UNIT #587	4351.00'
BH: SOUTH FUHRMAN MASCHO UNIT #588	3974.00'
SL: SOUTH FUHRMAN MASCHO UNIT #588	4034.00'
SOUTH FUHRMAN MASCHO UNIT #589	1778.00'
SOUTH FUHRMAN MASCHO UNIT #590	3468.00'
SOUTH FUHRMAN MASCHO UNIT #584	3713.00'
SOUTH FUHRMAN MASCHO UNIT #587	543.00'
SOUTH FUHRMAN MASCHO UNIT #588	2331.00'
SOUTH FUHRMAN MASCHO UNIT #589	2549.00'
SOUTH FUHRMAN MASCHO UNIT #5900	3180.00'
SOUTH FUHRMAN MASCHO UNIT #5100	930.00'
SOUTH FUHRMAN MASCHO UNIT #5102	1509.00'
SOUTH FUHRMAN MASCHO UNIT #5103	2826.00'
SOUTH FUHRMAN MASCHO UNIT #5104	3694.00'
SOUTH FUHRMAN MASCHO UNIT #5105	3680.00'
SOUTH FUHRMAN MASCHO UNIT #5108	4465.00'
SOUTH FUHRMAN MASCHO UNIT #5107	4094.00'
SOUTH FUHRMAN MASCHO UNIT #5108	3377.00'
SOUTH FUHRMAN MASCHO UNIT #5109	408.00'

COORDINATES

Y= 6776238.85' N
X= 661716.69' E
N LAT.= 32.1842054°
W LONG.= -102.7248718°

N 13°05'07" W 4,915.38'

SOUTH FUHRMAN
MASCHO UNIT #5120
GR. ELEV. = 3250'

S 76°37'41" W 5,423.66'

SECTION 8,
BLOCK 10, U.L.

SECTION 4,
BLOCK 10, U.L.

S 13°05'31" E 4,914.42'

NAME:	DISTANCE:
SOUTH FUHRMAN MASCHO UNIT #5110	2014.00'
SOUTH FUHRMAN MASCHO UNIT #5111	5152.00'
SOUTH FUHRMAN MASCHO UNIT #5112	1061.00'
BH: SOUTH FUHRMAN MASCHO UNIT #5113	2895.00'
SL: SOUTH FUHRMAN MASCHO UNIT #5113	2754.00'
SOUTH FUHRMAN MASCHO UNIT #5114	1176.00'
BH: SOUTH FUHRMAN MASCHO UNIT #5115	4641.00'
SL: SOUTH FUHRMAN MASCHO UNIT #5115	4559.00'

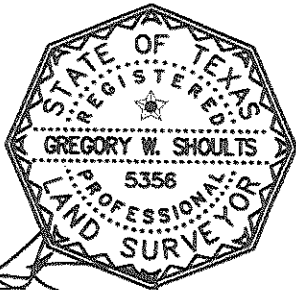
NAME:	DISTANCE:
SOUTH FUHRMAN MASCHO UNIT #5116	981.00'
SOUTH FUHRMAN MASCHO UNIT #5121	1816.00'
BH: SOUTH FUHRMAN MASCHO UNIT #5122	3121.00'
SL: SOUTH FUHRMAN MASCHO UNIT #5122	3325.00'
BH: SOUTH FUHRMAN MASCHO UNIT #5123	600.00'
SL: SOUTH FUHRMAN MASCHO UNIT #5123	609.00'
BH: SOUTH FUHRMAN MASCHO UNIT #5124	5393.00'
SL: SOUTH FUHRMAN MASCHO UNIT #5124	5552.00'

NAME:	DISTANCE:
NEAREST POWERLINE	530.00'
NEAREST PIPELINE	2938.00'
SH 115	2566.00'

NOTES:

- THIS LOCATION IS APPROXIMATELY 8.0 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 = TRACTS WITHIN UNIT LEASE - SFMU=1600 ± ACRES
TRACT 1 - NE/4 OF SECTION 5
TRACT 2 - SE/4 OF SECTION 5
TRACT 3 - S/2 OF SW/4, NE/4 OF SW/4 OF SECTION 5
TRACT 4 - N/2 OF NW/4, SE/4 OF NW/4 OF SECTION 8
TRACT 5 - NE/4 OF SECTION 8
TRACT 6 - SE/4, NE/4 OF THE SW/4 OF SECTION 8
TRACT 7 - SW/4, S/2 OF SE/4 SECTION 9
TRACT 8 - NE/4 OF SECTION 16
TRACT 9 - NW/4 OF SECTION 16
TRACT 10 - N/A
TRACT 11 - NW/4 OF NE/4 OF SECTION 17
TRACT 12 - N/2 OF SW/4 OF SECTION 15
NOT IN UNIT - S/2 OF SW/4 OF SECTION 15
- 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

July 19, 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 1/2 SECTION LINE
- ◇ DENOTES DIRECTIONAL WELL SURFACE LOCATION

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

SandRidge

SandRidge Exploration And Production, LLC

SOUTH FUHRMAN MASCHO UNIT #5120
LOCATED 330 FEET FROM THE SOUTH LINE AND 1,400 FEET
FROM THE WEST LINE OF SECTION 5, BLOCK 10, U.L.,
ANDREWS COUNTY, TEXAS.

SURVEY DATE: 07/16/2012 JOB No.: WTC48614 DRAWN BY: J.J.G. SHEET 1 OF 3