

## RAILROAD COMMISSION OF TEXAS

Oil and Gas Division

Tracking No.: 59460

Status: Submitted

This facsimile W-2 was generated electronically  
from data submitted to the RRC.

API No. 42- 003-44621

7. RRC District No.  
088. RRC Lease No.  
21365

## Oil Well Potential Test, Completion or Recompletion Report, and Log

1. FIELD NAME (as per RRC Records or Wildcat) FUHRMAN-MASCHO		2. LEASE NAME SOUTH FUHRMAN MASCHO UNIT		9. Well No. 5120	
3. OPERATOR'S NAME (Exactly as shown on Form P-5, Organization Report) SANDRIDGE EXPL. AND PROD., LLC			RRC Operator No. 748011		10. County of well site ANDREWS
4. ADDRESS 123 ROBERT S KERR AVE OKLAHOMA CITY, OK 73102-6406				11. Purpose of filing Initial Potential <input checked="" type="checkbox"/> Retest <input type="checkbox"/> Reclass <input type="checkbox"/> Well record only (Explain in remarks) <input type="checkbox"/>	
5. If Operator has changed within last 60 days, name former operator					
6a. Location (Section, Block, and Survey) 5, 10, UL			6b. Distance and direction to nearest town in this county. 18 MI SW FROM ANDREWS		
12. If workover or reclass, give former field (with reservoir) & Gas ID or oil lease no. FIELD & RESERVOIR N/A				GAS ID or OIL LEASE #	Oil-0 Gas-G
13. Type of electric or other log run COMP. NEUTRON				14. Completion or recompletion date 09/13/2012	

## SECTION I- POTENTIAL TEST DATA IMPORTANT: Test should be for 24 hours unless otherwise specified infield rules.

15. Date of test 09/21/2012	16. No. of hours tested 24	17. Production method (Flowing, Gas Lift, Jetting, Pumping- Size & Type of pump) Pumping			18. Choke size
19. Production during Test Period	Oil - BBLS 20.0	Gas - MCF 17	Water - BBLS 183	Gas - Oil Ratio 850	Flowing Tubing Pressure PSI
20. Calculated 24- Hour Rate	Oil - BBLS 20.0	Gas - MCF 17	Water - BBLS 183	Oil Gravity-API-60° 32.0	Casing Pressure PSI
21. Was swab used during this test? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		22. Oil produced prior to test (New & Reworked wells)			23. Injection Gas-Oil Ratio
REMARKS: N/A					

INSTRUCTIONS: File an original and one copy of the completed Form W-2 in the appropriate RRC District Office within 30 days after completing a well and within 10 days after a potential test. If an operator does not properly report the results of a potential test within the 10-day period, the effective date of the allowable assigned to the well will not extend back more than 10 days before the W-2 was received in the District Office. (Statewide Rules 16 and 51) To report a completion or recompletion, fill in both sides of this form. To report a retest, fill in only the front side.

## WELL TESTERS CERTIFICATION

I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I conducted or supervised this test by observation of (a) meter readings or (b) the top and bottom gauges of each tank into which production was run during the test. I further certify that the potential test data shown above is true, correct, and complete, to the best of my knowledge.

Signature: Well Tester

Name of Company

RRC Representative

## OPERATOR'S CERTIFICATION

I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this report, that this report was prepared by me or under my supervision and direction, and that data and facts stated therein are true, correct and complete, to the best of my knowledge.

SANDRIDGE EXPL. AND PROD., LLC

Type or printed name of operator's representative

(405) 429-6414

Telephone: Area Code

11/13/2012

Number

Month Day Year

Regulatory Technician

Title of Person

Chelsey Green

Signature

SECTION III DATA ON WELL COMPLETION AND LOG (Not Required on Retest)

24. Type of Completion New Well <input checked="" type="checkbox"/> Deepening <input type="checkbox"/> Plug Back <input type="checkbox"/> Other <input type="checkbox"/>		25. Permit to Drill, Plug Back or Deepen DATE: 08/06/2012 PERMIT NO.: 745329 Rule 37 Exception	
26. Notice of Intention to Drill this well was filed in Name of SANDRIDGE EXPL. AND PROD., LLC		Water Injection Permit PERMIT NO.	
27. Number of producing wells on this lease in this field (reservoir) including this well 128	28. Total number of acres in this lease 1600.0	Salt Water Disposal Permit PERMIT NO.	
29. Date Plug Back, Deepening, Workover or Drilling Operations: Commenced: 08/16/2012 Completed: 08/19/2012	30. Distance to nearest well, Same Lease & Reservoir 288.0	Other PERMIT NO.	

31. Location of well, relative to nearest lease boundaries  
1400.0 Feet From West Line and 899.0 Feet from North Line of the SOUTH FUHRMAN MASCHO UNIT Lease

32. Elevation (DF, RKB, RT, GR ETC.)  
3250 GL

33. Was directional survey made other than inclination (Form W-12)?  Yes  No

34. Top of Pay 4351	35. Total Depth 4755	36. P. B. Depth 4719	37. Surface Casing Determined by: Field Rules <input type="checkbox"/> Recommendation of T.D.W.R. Railroad Commission (Special) <input checked="" type="checkbox"/>	Dt. of Letter 07/24/2012
------------------------	-------------------------	-------------------------	---	--------------------------

38. Is well multiple completion?  Yes  No

39. If multiple completion, list all reservoir names (completions in this well) and Oil Lease or Gas ID No. FIELD & RESERVOIR N/A	GAS ID or OIL LEASE #	Oil-G Gas-G	Well #
---	-----------------------	-------------	--------

40. Intervals Drilled by: Rotary Tools <input checked="" type="checkbox"/> Cable Tools <input type="checkbox"/>	41. Name of Drilling Contractor CAPSTAR	42. Is Cementing Affidavit Attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
---	--	--

43. CASING RECORD (Report All Strings Set in Well)

CASING SIZE	WT #/FT.	DEPTH SET	MULTISTAGE TOOL DEPTH	TYPE & AMOUNT CEMENT (sacks)	HOLE SIZE	TOP OF CEMENT	SLURRY VOL. cu. ft.
8 5/8	24.0	1682		C 700	12 1/4	SURF	1183.0
5 1/2	15.5	4755		C 800	7 7/8	SURF	1728.0

44. LINER RECORD

Size	Top	Bottom	Sacks Cement	Screen
N/A				

45. TUBING RECORD

Size	Depth Set	Packer Set	From	To
2 7/8	4466		4351	4446
			From	To
			From	To

46. Producing Interval (this completion) Indicate depth of perforation or open hole

From	To
4351	4446

47. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

Depth Interval	Amount and Kind of Material Used
4351.0 - 4446.0	48 BBLS 7.5% ACID; 316 BBLS 15% ACID; 195 Q CO2; 23500 # TOTAL PROP; 1185 BBLS TOTAL FLUID

48. FORMATION RECORD (LIST DEPTHS OF PRINCIPAL GEOLOGICAL MARKERS AND FORMATION TOPS)

Formations	Depth	Formations	Depth
QUEEN	3685.0		
LOWER GRAYBURG	4240.0		
SAN ANDRES	4560.0		
REMARKS: N/A			

Cementer: Fill in shaded areas  
 Operator: Fill in other items

**RAILROAD COMMISSION OF TEXAS**  
**Oil and Gas Division**

1. Operator's Name (As Shown on Form P-5, Organization Report) <b>SANDRIDGE Eysel &amp; Prod, LLC</b>	2. RRC Operator No. <b>748011</b>	3. RRC District No. <b>08</b>	4. County of Well Site <b>ANDREWS</b>
5. Field Name (Wildcat or Exactly as Shown on RRC Records) <b>Fuhrman Mascho</b>	6. API No. <b>42-003-44421</b>	7. Drilling Permit No. <b>745329</b>	
8. Lease Name <b>SFMU</b>	9. Rule 37 Case No.	10. Oil Lease/Gas ID No. <b>21365</b>	11. Well Number <b>5120</b>

CASING CEMENTING DATA:		SURFACE CASING	INTERMEDIATE CASING	PRODUCTION CASING		MULTI-STAGE CEMENTING PROCESS	
				SINGLE STRING	MULTIPLE PARALLEL STRINGS	TOOL	SHOE
12. Cementing Date		8/17/2012					
13. *Drilled Hole Size		12 1/4					
*Ext. % Wash or Hole Enlargement							
14. Size of Casing (in. O.D.)		8 5/8					
15. Top of Liner (ft)							
16. Setting Depth (ft)		1082					
17. Number of Centralizers Used		10					
18. Hrs. Waiting on Cement Before Drill-Out		12+					
1 st Slurry	19. API Cement Used: No. of Sacks >	500					
	Class >	35:65 C					
	Additives >	REMARK 1					
2 nd Slurry	No. of Sacks >	200					
	Class >	C					
	Additives >	REMARK 2					
3 rd Slurry	No. of Sacks >						
	Class >						
	Additives >						
1st	20. Slurry Pumped: Volume (cu.ft.) >	915					
	Height (ft) >	2217					
2nd	Volume (cu.ft.) >	268					
	Height (ft) >	649					
3rd	Volume (cu.ft.) >						
	Height (ft) >						
	Volume (cu.ft.) >	1183					
	Height (ft) >	2866					
21. Was Cement Circulated to Ground Surface (or Bottom of Cellar) Outside Casing?		YES					
22. Remarks 1 6% Gel + 3% Salt + 1/8#sk Celloflake 2 2% CaCL2							

42-003-41021

	PLUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7	PLUG #8
3. Cementing Date								
4. Size of Hole or Pipe Plugged (in)								
5. Depth to Bottom of Tubing or Drill Pipe (ft)								
6. Sacks of Cement Used (each plug)								
7. Slurry Volume Pumped (cu.ft.)								
8. Calculated Top of Plug (ft)								
9. Measured Top of Plug, If Tagged (ft)								
10. Slurry Wt. (lbs/gal)								
11. Type Cement								

CEMENTERS CERTIFICATE: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that the cementing of casing and/or the placing of cement plugs in this well as shown in the report was performed by me or under my supervision, and that the cementing data and facts presented on both sides of this form are true, correct, and complete, to the best of my knowledge. This certification covers cementing data only.

EDGAR MONTES SEVICE SUPERVISOR  
Name and Title of Cementer's Representative

O-TEX PUMPING SERVICES  
Cementing Company

  
Signature

1611 East I-20  
Address

Midland, Texas 79706  
City State Zip Code

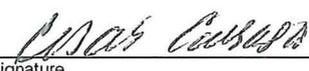
432-686-8559  
Tel: Area Code Number

8/17/2012  
Date: Mo. Day Yr.

OPERATOR'S CERTIFICATE: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that I have knowledge of the well data and information presented in this report, and that data and facts presented on both sides of this form are true, correct, and complete, to the best of my knowledge. This certification covers all well data.

  
Typed or Printed Name of Operators Representative

  
Title

  
Signature

123 Robert S Kerr Ave, Oklahoma City, OK 73102  
Address City State Zip Code

405-429-6914  
Tel: Area Code Number

10/1/12  
Date: Mo. Day Yr.

**Instruction to Form W-15, Cementing Report**

IMPORTANT: Operators and cementing companies must comply with the requirements of the Commission's Statewide rules 8 (Water Protection), 3 (Casing, Cementing, Drilling, and Completion, and 14 (Well Plugging). For offshore operations, see the requirements of Rule 13 (c).

1. What to file. An operator should file an original and one copy of the completed Form W-15 for each cementing company used on a well. The cementing of different casing strings on a well by one cementing company may be reported on one form. Form W-15 should be filed with the following:

- \* An initial oil or gas completion report, Form W-2 or G-1, as required by Statewide or special field rules;
- \* Form W-4, Application for Multiple Completion, if the well is a multiple parallel casing completion; and
- \* Form W-3, Plugging Record, unless the W-3 is signed by the cementing company representative. When reporting dry holes, operators must complete W-15, in addition to Form W-3, to show any casing cemented in the hole.

2. Where to file. The appropriate Commission District Office for the county in which the well is located.

3. Surface casing. An operator must set and cement sufficient surface casing to protect all usable-quality water strata, as defined by the Texas Department of Water Resources, Austin. Before drilling a well in any field or area in which no field rules are in effect or in which surface casing requirements are not specified in the applicable rules, an operator must obtain a letter from the Department of Water Resources stating the protection depth. Surface casing should not be set deeper than 200 feet below the specified depth without prior approval from the Commission.

4. Centralizers. Surface casing must be centralized at the shoe, above and below a stage collar or diverting tool, if run, and through usable-quality water zones. In nondeviated holes, a centralizer must be placed every fourth joint from the cement shoe to the ground surface or to the bottom of the cellar. All centralizers must meet API specifications.

5. Exceptions and alternative casing programs. The District Director may grant an exception to the requirements of Statewide Rule 13. In a written application, an operator must state the reason for the requested exception and outline an alternate program for casing and cementing through the protection depth for strata containing usable-quality water. The District Director may approve, modify, or reject a proposed program. An operator must obtain approval of any exception before beginning casing and cementing operations.

6. Intermediate and production casing. For specific technical requirements, operators should consult Statewide Rule 12 (b) (3) and (4).

7. Plugging and abandoning. Cement plugs must be placed in the wellbore as required by Statewide Rule 14. The District Director may require additional cement plugs. For onshore or inland wells, a 10-foot cement plug must be placed in the top of the well, and the casing must be cut off three feet below the ground surface. All cement plugs, except the top plug, must have sufficient slurry volume to fill 100 feet of hole, plus ten percent for each 1000 feet of depth from the ground surface to the bottom of the plug.

To plug and abandon a well, operators must use only cementers approved by the Director of Field Operations. Cementing companies, service companies, or operators can qualify as approved cementers by demonstrating that they are able to mix and pump cement in compliance with Commission rules and regulations.

Cementer: Fill in shaded areas  
 Operator: Fill in other items

**RAILROAD COMMISSION OF TEXAS**  
**Oil and Gas Division**

1. Operator's Name (As Shown on Form P-5, Organization Report) <b>SANDRIDGE EXPLORATION &amp; PRODUCTION</b>	2. RRC Operator No. <b>748011</b>	3. RRC District No. <b>08</b>	4. County of Well Site <b>ANDREWS</b>
5. Field Name (Wildcat or Exactly as Shown on RRC Records) <b>Fuhrman Maschu</b>		6. API No. <b>42-003-44621</b>	7. Drilling Permit No. <b>745329</b>
8. Lease Name <b>SMFU</b>	9. Rule 37 Case No.	10. Oil Lease/Gas ID No. <b>21365</b>	11. Well Number <b>#5120</b>

CASING CEMENTING DATA:		SURFACE CASING	INTERMEDIATE CASING	PRODUCTION CASING		MULTI-STAGE CEMENTING PROCESS	
				SINGLE STRING	MULTIPLE PARALLEL STRINGS	TOOL	SHOE
12. Cementing Date				8/19/2012			
13. *Drilled Hole Size				7 7/8			
*Ext. % Wash or Hole Enlargement							
14. Size of Casing (in. O.D.)				5 1/2			
15. Top of Liner (ft)							
16. Setting Depth (ft)				4155			
17. Number of Centralizers Used				30			
18. Hrs. Waiting on Cement Before Drill-Out				12+			
1 st Slurry	19. API Cement Used: No. of Sacks >			600			
	Class >			C			
	Additives >			REMARK1			
2 nd Slurry	No. of Sacks >			200			
	Class >			C			
	Additives >			REMARK2			
3 rd Slurry	No. of Sacks >						
	Class >						
	Additives >						
1st	20. Slurry Pumped: Volume (cu.ft.) >			1470			
	Height (ft) >			8485			
2nd	Volume (cu.ft.) >			258			
	Height (ft) >			1489			
3rd	Volume (cu.ft.) >						
	Height (ft) >						
	Volume (cu.ft.) >			1728			
	Height (ft) >			9974			
21. Was Cement Circulated to Ground Surface (or Bottom of Cellar) Outside Casing?				YES			
22. Remarks 1 10% Gel + 3#/sk Kolseal + 1/4#/sk Celloflake + 5% Salt 2 2% Gel + 5% Salt							



RAILROAD COMMISSION OF TEXAS  
OIL AND GAS DIVISION

Form W-12  
(1-1-71)  
FOD1296

42-003-44621

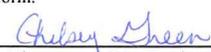
<b>INCLINATION REPORT</b> (One Copy Must Be Filed With Each Completion Report)		6. RRC District <u>08</u>
		7. RRC Lease Number. (Oil completions only) <u>21365</u>
1. FIELD NAME (as per RRC Records or Wildcat) <u>Fuhrman - Maschu</u>	2. LEASE NAME <b>South Fuhrman Macho Unit</b>	8. Well Number <b>5120</b>
3. OPERATOR <b>SandRidge Exploration &amp; Production, LLC</b>		9. RRC Identification Number (Gas completions only)
4. ADDRESS <b>123 Robert S Kerr Ave. Oklahoma City, OK 73102</b>		10. County <b>Andrews</b>
5. LOCATION (Section, Block, and Survey) <u>Sec. 5; Blk. 10; UL</u>		

**RECORD OF INCLINATION**

*11. Measured Depth (feet)	12. Course Length (Hundreds of feet)	*13. Angle of Inclination (Degrees)	14. Displacement per Hundred Feet (Sine of Angle x100)	15. Course Displacement (feet)	16. Accumulative Displacement (feet)
228	2.28	0.25	0.44	1.00	1.00
706	4.78	0.50	0.88	4.18	5.18
1201	4.95	0.25	0.44	2.17	7.35
1665	4.64	0.50	0.88	4.06	11.41
2160	4.95	0.75	1.31	6.50	17.90
2656	4.96	2.00	3.50	17.36	35.26
3149	4.93	1.50	2.63	12.94	48.20
3646	4.97	1.50	2.63	13.05	61.25
4142	4.96	1.25	2.19	10.85	72.10
4637	4.95	1.00	1.75	8.66	80.76
4755	1.18	1.00	1.75	2.07	82.83

If additional space is needed, use the reverse side of this form.

17. Is any information shown on the reverse side of this form?  yes  no
18. Accumulative total displacement of well bore at total depth of 4755 feet = 82.83 feet.
- \*19. Inclination measurements were made in -  Tubing  Casing  Open hole  Drill Pipe
20. Distance from surface location of well to the nearest lease line..... 899 feet.
21. Minimum distance to lease line as prescribed by field rules ..... 330 feet.
22. Was the subject well at any time intentionally deviated from the vertical in any manner whatsoever? No
- (If the answer to the above question is "yes," attach written explanation of the circumstances.)

<p><b>INCLINATION DATA CERTIFICATION</b></p> <p>I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that I have personal knowledge of the inclination data and facts placed on both sides of this form and that such data and facts are true, correct, and complete to the best of my knowledge. This certification covers all data as indicated by asterisks (*) by the item numbers on this form.</p> <p style="text-align: center;"></p> <p>Signature of Authorized Representative <b>Archie Brown - General Manager</b> Name of Person and Title (type or print) <b>CapStar Drilling, Inc.</b> Name of Company Telephone: <u>432/366-0161</u></p>	<p><b>OPERATOR CERTIFICATION</b></p> <p>I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that I have personal knowledge of all information presented in this report, and that all data presented on both sides of this form are true, correct, and complete to the best of my knowledge. This certification covers all data and information presented herein except inclination data as indicated by asterisks (*) by the item numbers on this form.</p> <p style="text-align: center;"></p> <p>Signature of Authorized Representative <u>Chelsy Green</u> <u>Regulatory Technician</u> Name of Person and Title (type or print) <u>SandRidge Expl &amp; Prod, LLC</u> Operator Telephone: <u>405-429-6414</u></p>
--	---

Railroad Commission Use Only:

Approved By: \_\_\_\_\_ Title: \_\_\_\_\_ Date: \_\_\_\_\_

\* Designates items certified by company that conducted the inclination surveys.

Tracking No.: 59460

*This facsimile L-1 was generated electronically from data submitted to the RRC.*

**Instructions**

**When to File Form L-1:**

- with Forms G-1, W-2, and GT-1 for new and deepened gas, oil, and geothermal wells
- with Form W-3 for plugged dry holes
- when sending in a log which was held under a request for confidentiality and the period for confidentiality has not yet expired.

**When is Form L-1 NOT required:**

- with Forms W-2, G-1, and GT-1 filed for injection wells, disposal wells, water supply wells, service wells, re-test wells, re-classifications, and plugbacks of oil, gas or geothermal wells
- with Form W-3 for plugging of other than a dry hole

**Where to File Form L-1:**

- with the appropriate Commission district office

**Filling out Form L-1:**

- Section I and the signature section must be filled out for all wells
- complete only the appropriate part of Section II

**Type of log required:**

- any wireline survey run for the purpose of obtaining lithology, porosity, or resistivity information
- no more than one such log is required but it must be of the subject well
- if such log is NOT run on the subject well, do NOT substitute any other type of log; just select Section II, Part A below

**SECTION I. IDENTIFICATION**

Operator Name: SANDRIDGE EXPL. AND PROD., LLC	District No. 08	Completion Date: 09/13/2012
Field Name FUHRMAN-MASCHO	Drilling Permit No. 745329	
Lease Name SOUTH FUHRMAN MASCHO UNIT	Lease/ID No. 21365	Well No. 5120
County ANDREWS	API No. 42- 003-44621	

**SECTION II. LOG STATUS (Complete either A or B)**

A. BASIC ELECTRIC LOG NOT RUN

B. BASIC ELECTRIC LOG RUN. (Select one)

- 1. Confidentiality is requested and a copy of the header for each log that has been run on the well is attached.
- 2. Confidentiality already granted on basic electric log covering this interval (applicable to deepened wells only).
- 3. Basic electric log covering this interval already on file with Commission (applicable to deepened wells only).
- 4. Log attached to (select one):
  - (a) Form L-1 (this form). If the company/lease name on log is different from that shown in Section I, please enter name on log here: \_\_\_\_\_  
Check here if attached log is being submitted after being held confidential.
  - (b) Form P-7, Application for Discovery Allowable and New Field Designation.
  - (c) Form W-4, Application for Multiple Completion:  
Lease or ID No(s). \_\_\_\_\_  
Well No(s). \_\_\_\_\_

Chelsey Green  
Signature  
SANDRIDGE EXPL. AND PROD., LLC  
Name (print)

Regulatory Technician  
Title  
(405) 429-6414 11/12/2012  
Phone Date

-FOR RAILROAD COMMISSION USE ONLY-



**COMPENSATED NEUTRON  
GAMMA RAY/CCL  
LOG**

Service Order # 196256

COMPANY SANDRIDGE WELL SFMU #5120 FIELD FUHRMAN MASCHO CNTY ANDREWS STATE TX	COMPANY SANDRIDGE WELL SFMU #5120 FIELD FUHRMAN MASCHO COUNTY ANDREWS STATE TEXAS
	LOCATION: 1400' FWL & B330' FSL SEC.5, BLK.10, UL SEC.N/A TWP.N/A RGEN/A

PERM. DATUM GROUND LEVEL LOG MEASURED FROM KB 11 FT. ABOVE PERMANENT DATUM DRILLING MEASURED FROM KELLY BUSHING	ELEV. 3250' ELEV. :K.B. 3261' D.F. 3260' G.L. 3250'
---	--

DATE	AUG-20-12
RUN NO.	ONE
DEPTH DRILLER	N/A
DEPTH LOGGER	4719'
BTM. LOG INTERVAL	4719'
TOP LOG INTERVAL	2500'
OPEN HOLE SIZE	7.875
TYPE FLUID	WATER
DENS.   VISC.	N/A   N/A
MAX. REC. TEMP. °F	N/A
EST. CEMENT TOP	N/A
TIME WELL READY	ON ARRIVAL
TIME LOGGER ON BTM.	SEE LOG
EQUIP. NO.	14163
LOCATION	HOBBS, NM
RECORDED BY	M.MCGAHA
WITNESSED BY	DARRELL TROTTER

BOREHOLE RECORD				TUBING RECORD			
RUN NO.	BIT	FROM	TO	SIZE	WGT.	FROM	TO

CASING RECORD	SIZE	WT/FT	GRADE	TYPE JOINT	TOP	BOTTOM
SURFACE STRING	8.625	24	J-55		SURF.	N/A
PROD. STRING	5.5	15.5	J-55		SURF.	T.D.
LINER						

Rig: CRANE  
REMARKS

Groundwater  
Advisory Unit

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**

<b>SANDRIDGE E&amp;P LLC</b> <b>123 ROBERT S KERR</b> <b>OKLAHOMA CITY OK 73102</b>  <b>P-5# 748011</b>	--Measured--	Digital Map Location:	
	1510 ft FWL	X-coord/Long	<b>661060</b>
	830 ft FNL	Y-coord/Lat	<b>6779943</b>
	MRL:SECTION	Datum	<b>27</b> Zone <b>NC</b>

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 I N SECTION 5.**

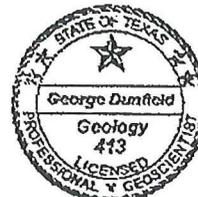
Note: Unless stated otherwise, this recommendation is intended to apply only to the subject well and not for area wide use. This recommendation is intended for normal drilling, production, and plugging operations only. It does not apply to saltwater disposal operation into a nonproductive zone (RRC Form TW-14).

If you have any questions, please contact us at 512-463-2741, [gau@rrc.state.tx.us](mailto:gau@rrc.state.tx.us), or by mail.

Sincerely,

Digitally signed by George Dunfield  
DN: c=US, st=TEXAS, |e=Austin, o=Railroad  
Commission of Texas, cn=George  
Dunfield,  
email=george.dunfield@rrc.state.tx.us  
Date: 2012.07.24 13:20:41 -05'00'

GEOLOGIST SEAL



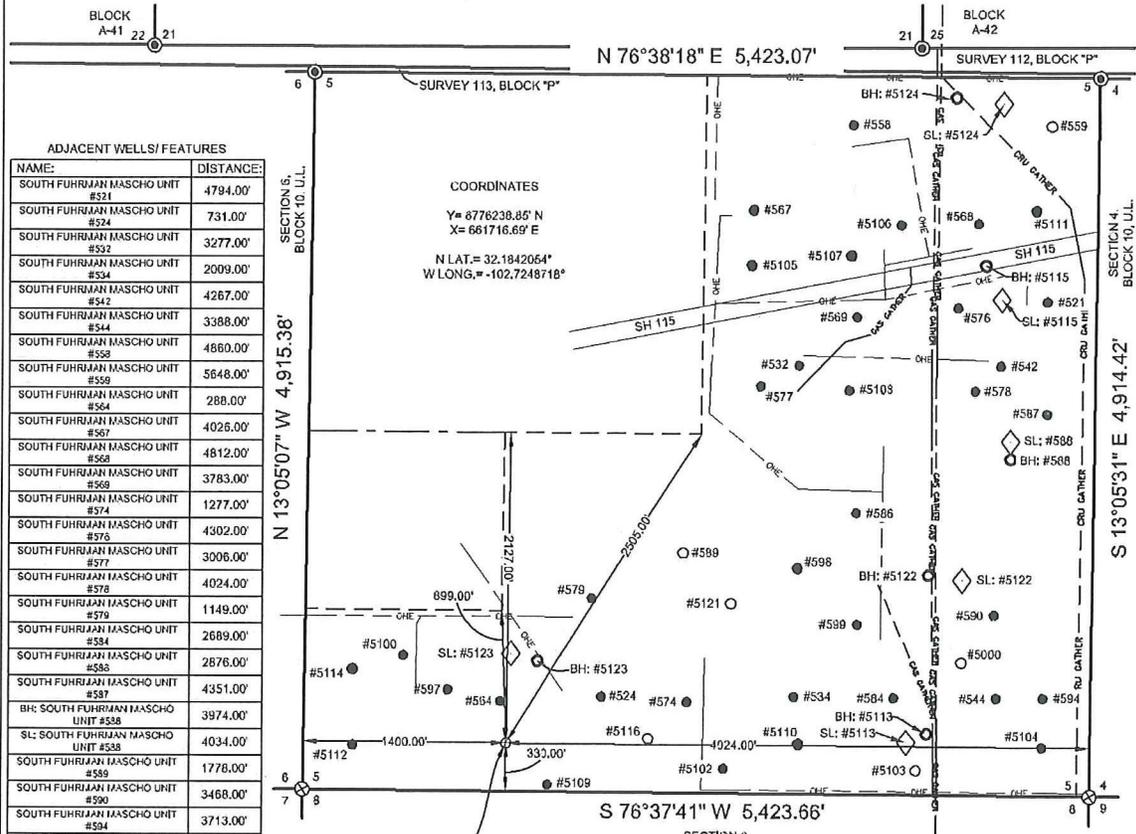
**George Dunfield, P.G.**

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.

SECTION 5, BLOCK 10, U.L.  
ANDREWS COUNTY, TEXAS

NOTE: NOT A POOLED UNIT LEASE.



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 #550	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 #576	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 #585	2876.00'
SOUTH FUHRMAN MASCHO UNIT #587	4351.00'
BH: SOUTH FUHRMAN MASCHO UNIT #536	3974.00'
SL: SOUTH FUHRMAN MASCHO UNIT #538	4034.00'
SOUTH FUHRMAN MASCHO UNIT #589	1778.00'
SOUTH FUHRMAN MASCHO UNIT #590	3468.00'
SOUTH FUHRMAN MASCHO UNIT #594	3713.00'
SOUTH FUHRMAN MASCHO UNIT #597	543.00'
SOUTH FUHRMAN MASCHO UNIT #598	2331.00'
SOUTH FUHRMAN MASCHO UNIT #599	2549.00'
SOUTH FUHRMAN MASCHO UNIT #5000	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 #5106	4465.00'
SOUTH FUHRMAN MASCHO UNIT #5107	4094.00'
SOUTH FUHRMAN MASCHO UNIT #5108	3377.00'
SOUTH FUHRMAN MASCHO UNIT #5109	406.00'

COORDINATES  
Y = 8776238.85' N  
X = 661716.69' E  
N LAT. = 32.1842064°  
W LONG. = -102.7248718°

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

NAME:	DISTANCE:	NAME:	DISTANCE:	NAME:	DISTANCE:
SOUTH FUHRMAN MASCHO UNIT #5110	2014.00'	SOUTH FUHRMAN MASCHO UNIT #5116	981.00'	NEAREST POWERLINE	530.00'
SOUTH FUHRMAN MASCHO UNIT #5111	5152.00'	SOUTH FUHRMAN MASCHO UNIT #5121	1816.00'	NEAREST PIPELINE	2938.00'
SOUTH FUHRMAN MASCHO UNIT #5112	1081.00'	BH: SOUTH FUHRMAN MASCHO UNIT #5122	3121.00'	SH 115	2566.00'
BH: SOUTH FUHRMAN MASCHO UNIT #5113	2895.00'	SL: SOUTH FUHRMAN MASCHO UNIT #5122	3325.00'		
SL: SOUTH FUHRMAN MASCHO UNIT #5113	2754.00'	BH: SOUTH FUHRMAN MASCHO UNIT #5123	600.00'		
SOUTH FUHRMAN MASCHO UNIT #5114	1176.00'	SL: SOUTH FUHRMAN MASCHO UNIT #5123	609.00'		
BH: SOUTH FUHRMAN MASCHO UNIT #5115	4641.00'	BH: SOUTH FUHRMAN MASCHO UNIT #5124	5393.00'		
SL: SOUTH FUHRMAN MASCHO UNIT #5115	4559.00'	SL: SOUTH FUHRMAN MASCHO UNIT #5124	5552.00'		

- 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 - NE1/4 OF SECTION 5  
TRACT 2 - SE1/4 OF SECTION 5  
TRACT 3 - S/2 OF SW1/4 NE1/4 OF SW1/4 OF SECTION 5  
TRACT 4 - N/2 OF NW1/4, SE1/4 OF NW1/4 OF SECTION 8  
TRACT 5 - NE1/4 OF SECTION 8  
TRACT 6 - SE1/4, NE1/4 OF THE SW1/4 OF SECTION 8  
TRACT 7 - SW1/4, S/2 OF SE1/4 SECTION 9  
TRACT 8 - NE1/4 OF SECTION 10  
TRACT 9 - NW1/4 OF SECTION 16  
TRACT 10 - N/A  
TRACT 11 - NW1/4 OF NE1/4 OF SECTION 17  
TRACT 12 - N/2 OF SW1/4 OF SECTION 15  
NOT IN UNIT - S/2 OF SW1/4 OF SECTION 15
  - NAMES TAKEN FROM FIELD SIGNAGE.



Gregory W. Shoultz, RPLS, No. 5356 July 19, 2012

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

SCALE: 1" = 1000'



WEST TEXAS CONSULTANTS, INC.  
ENGINEERS PLANNERS SURVEYORS  
405 S.W. 1st STREET  
ANDREWS, TEXAS 79714  
(432) 533-2181  
TEXAS REGISTERED ENGINEERING FIRM F-2746  
TEXAS REGISTERED SURVEYOR FIRM #100792-00

**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