

RAILROAD COMMISSION OF TEXAS

Oil and Gas Division

Tracking No.: 87220

Status: Submitted

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

API No. 42- 003-44871

7. RRC District No.

08

8. RRC Lease No.

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

1. FIELD NAME (as per RRC Records or Wildcat) FUHRMAN-MASCHO		2. LEASE NAME UNIVERSITY 13-34		9. Well No. 1	
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					
5. If Operator has changed within last 60 days, name former operator					
6a. Location (Section, Block, and Survey) 34 , 13 , UL			6b. Distance and direction to nearest town in this county. 10 MILES SW FROM ANDREWS		
12. If workover or reclass, give former field (with reservoir) & Gas ID or oil lease no. FIELD & RESERVOIR				GAS ID or OIL LEASE #	Oil-O Gas-G
N/A					Well #
13. Type of electric or other log run COMP. NEUTRON				14. Completion or recompletion date 09/12/2013	

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

15. Date of test 09/21/2013	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 62.0	Gas - MCF 22	Water - BBLS 135	Gas - Oil Ratio 354	Flowing Tubing Pressure 0.0 PSI
20. Calculated 24-Hour Rate	Oil - BBLS 62.0	Gas - MCF 22	Water - BBLS 135	Oil Gravity-API-60° 32.0	Casing Pressure 0.0 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.

<p>WELL TESTERS CERTIFICATION</p> <p>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.</p>		
<p>Signature: Well Tester</p>	<p>Name of Company</p>	<p>RRC Representative</p>

<p>OPERATOR'S CERTIFICATION</p> <p>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.</p>		
<p>SANDRIDGE EXPL. AND PROD., LLC</p> <p>Type or printed name of operator's representative</p> <p>(405) 429-6414</p> <p>Telephone: Area Code Number</p>	<p>Regulatory Technician</p> <p>Title of Person</p> <p>Chelsey Green</p> <p>Signature</p>	
<p>10/07/2013</p> <p>Month Day Year</p>		

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 Rule 37 Exception DATE 10/24/2012 PERMIT NO. 750132 CASE NO.		PERMIT NO.	
26. Notice of Intention to Drill this well was filed in Name of SANDRIDGE EXPL. AND PROD., LLC				Water Injection Permit PERMIT NO.		PERMIT NO.	
27. Number of producing wells on this lease in this field (reservoir) including this well 1		28. Total number of acres in this lease 640.0		Salt Water Disposal Permit PERMIT NO.		PERMIT NO.	
29. Date Plug Back, Deepening, Workover or Drilling Operations: Commenced 08/06/2013 Completed 08/10/2013		30. Distance to nearest well, Same Lease & Reservoir 0.0		Other PERMIT NO.			
31. Location of well, relative to nearest lease boundaries 330.0 Feet From North East Line of the UNIVERSITY 13-34 Line and 330.0 Feet from Lease			32. Elevation (DF, RKB, RT, GR ETC.) 3259 GL		33. Was directional survey made other than inclination (Form W-12)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
34. Top of Pay 4554	35. Total Depth 5205	36. P. B. Depth 4909	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 10/19/2012		
38. Is well multiple completion? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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-0 Gas-G	Well #	
40. Intervals Drilled by: Rotary Tools <input checked="" type="checkbox"/> Cable Tools	41. Name of Drilling Contractor LARIAT			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	1190.0
5 1/2	15.5	5205		C 700	7 7/8	SURF	1427.0

44. LINER RECORD				
Size	Top	Bottom	Sacks Cement	Screen
N/A				

45. TUBING RECORD			46. Producing Interval (this completion) Indicate depth of perforation or open hole	
Size	Depth Set	Packer Set	From	To
2 7/8	4634		4554	4774
			4946	5000

47. ACID, SHOT, FRACTURE, CEMENT SQUEEZE. ETC.		
Depth Interval	Amount and Kind of Material Used	
4554.0 - 4774.0	2000 GALS ACID; 152140# TOTAL PROP; 2163 BBLS TOTAL FLUID	
4946.0 - 5000.0	2000 GALS ACID; 117 BBLS TOTAL FLUID	

48. FORMATION RECORD (LIST DEPTHS OF PRINCIPAL GEOLOGICAL MARKERS AND FORMATION TOPS)			
Formations	Depth	Formations	Depth
GRAYBURG	4275.0		
LOWER GRAYBURG	4495.0		
SAN ANDRES	4595.0		
REMARKS: CIBP SET @ 4900' W/ 2SX.			

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

RAILROAD COMMISSION OF TEXAS
Oil and Gas Division

Form W-15
Cementing Report
Rev. 4/1/83
483-045

1. Operator's Name (As shown on Form P-5, Organization Report) <i>Sandridge Expl. & Prod, LLC</i>	2. RRC Operator No. <i>748011</i>	3. RRC District No. <i>08</i>	4. County of Well Site <i>Andrews</i>
5. Field Name (Wildcat or exactly as shown on RRC Records) <i>Fuhrman Mascho</i>		6. API No. <i>42-003-44871</i>	7. Drilling Permit No. <i>750132</i>
8. Lease Name <i>University 13-34</i>	9. Rule 37 Case No.	10. Oil Lease/Gas ID No.	11. Well No. <i>#1</i>

CASING CEMENTING DATA:		SURFACE CASING	INTER-MEDIATE CASING	PRODUCTION CASING		MULTI-STAGE CEMENTING PROCESS	
				Single String	Multiple Parallel Strings	Tool	Shoe
12. Cementing Date		8-7-2013					
13. • Drilled Hole Size		<i>12 1/4</i>					
• Est. % wash or hole enlargement							
14. Size of casing (in. O.D.)		<i>8 5/8</i>					
15. Top of liner (ft.)							
16. Setting depth (ft.)		<i>1082</i>					
17. Number of centralizers used		<i>10</i>					
18. Hrs. Waiting on cement before drill-out		<i>12+</i>					
1 st Slurry	19. API cement used: No. of sacks ▶	500					
	Class ▶	Class C					
	Additives ▶	Remarks #1					
2 nd Slurry	No. of sacks ▶	200					
	Class ▶	Class C					
	Additives ▶	Remarks #2					
3 rd Slurry	No. of sacks ▶						
	Class ▶						
	Additives ▶						
1 st	20. Slurry pumped: Volume (cu. ft.) ▶	920					
	Height (ft.) ▶	2228					
2 nd	Volume (cu. ft.) ▶	270					
	Height (ft.) ▶	653					
3 rd	Volume (cu. ft.) ▶						
	Height (ft.) ▶						
Total	Volume (cu. ft.) ▶	1190					
	Height (ft.) ▶	2881					
21. Was cement circulated to ground surface (or bottom of cellar) outside casing ?		Yes					

(22). Remarks #1: Slurry Additives: Class C (35poz:65C:6gel) + 0.125#/sk Cello Flake + 5% Salt + 0.2% Flo-1
Remarks #2: Slurry Additives: Class C + 0.2% Flo-1 + 1% Cacl-2
Circ. 165 sks 54 bbls To Surface

CEMENTING TO PLUG AND ABANDON	PLUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7	PLUG #8
23. Cementing date								
24. Size of hole or pipe plugged (in.)								
25. Depth to bottom of tubing or drill pipe (ft.)								
26. Sacks of cement used (each plug)								
27. Slurry volume pumped (cu. ft.)								
28. Calculated top of plug (ft.)								
29. Measured top of plug, if tagged (ft.)								
30. Slurry wt. (lb/gal)								
31. Type cement								

CEMENTER'S CERTIFICATE: I declare under penalties 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.

James Robertson Service Supervisor TRICAN WELL SERVICE
 Name and title of cementer's representative Cementing Company Signature

8200 E I-20 Odessa, TX 79765 423.488.3800 8-7-2013
 Address City, State, Zip Code Tel: Area Code Number 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.

John Parsley CO Rep [Signature]
 Typed or printed name of operator's representative Title Signature

123 Robert S Kurr Ave OKC, OK 73102 405-429-6414 10/4/13
 Address City, State, Zip Code Tel.: Area Code Number Date: mo. day yr.

Instructions 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), 13 (Casing, Cementing, Drilling, and Completion), and 14 (Well Plugging). For offshore operations, see the requirements of Rule 13 (c).

- A. 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 rates;
 - 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 Form W-15, in addition to Form W-3, to show any casing cemented in the hole.
- B. Where to file. The appropriate Commission District Office for the county in which the well is located.
- C. 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 Committee.
- D. 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 Non-deviated 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.
- E. 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.
- F. Intermediate and production casing. For specific technical requirements, operators should consult Statewide Rule 13 (3) and (4).
- G. 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 foot 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 1,000 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

Form W-15
Cementing Report
Rev. 4/1/83
483-045

1. Operator's Name (As shown on Form P-5, Organization Report) <i>Sandridge Energy</i>	2. RRC Operator No. <i>748011</i>	3. RRC District No. <i>08</i>	4. County of Well Site <i>Andrews</i>
5. Field Name (Wildcat or exactly as shown on RRC Records) <i>Fuhrman Mascho</i>		6. API No. <i>42-003-44871</i>	7. Drilling Permit No. <i>750132</i>
8. Lease Name <i>University 13-34</i>	9. Rule 37 Case No.	10. Oil Lease/Gas ID No.	11. Well No. <i>#1</i>

CASING CEMENTING DATA:		SURFACE CASING	INTER-MEDIATE CASING	PRODUCTION CASING		MULTI-STAGE CEMENTING PROCESS	
				Single String	Multiple Parallel Strings	Tool	Shoe
12. Cementing Date				8-10-2013			
13. • Drilled Hole Size				<i>7 7/8</i>			
• Est. % wash or hole enlargement							
14. Size of casing (in. O.D.)				<i>5 1/2</i>			
15. Top of liner (ft.)							
16. Setting depth (ft.)				<i>5205</i>			
17. Number of centralizers used				<i>30</i>			
18. Hrs. Waiting on cement before drill-out				<i>12+</i>			
1 st Slurry	19. API cement used: No. of sacks ▶			500			
	Class ▶			Class C			
	Additives ▶			Remarks #1			
2 nd Slurry	No. of sacks ▶			200			
	Class ▶			Class C			
	Additives ▶			Remarks #2			
3 rd Slurry	No. of sacks ▶						
	Class ▶						
	Additives ▶						
1 st	20. Slurry pumped: Volume (cu. ft.) ▶			1175			
	Height (ft.) ▶			6782			
2 nd	Volume (cu. ft.) ▶			246			
	Height (ft.) ▶			1419			
3 rd	Volume (cu. ft.) ▶						
	Height (ft.) ▶						
Total	Volume (cu. ft.) ▶			1427			
	Height (ft.) ▶			8201			
21. Was cement circulated to ground surface (or bottom of cellar) outside casing ?				Yes			
(22). Remarks #1: Slurry Additives: Class C (50poz:50C:10gel) + 5% Salt + 3#/sk Kol Seal + 0.125#/sk Cello Flake + 0.2% Flo-1 Remarks #2: Slurry Additives: Class C (50poz:50C:2gel) + 5% Salt + 0.2% Flo-1 Circ.100 sks 42 bbls To Surface							

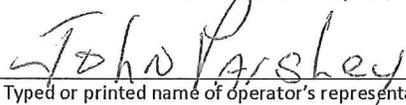
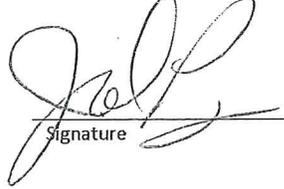
CEMENTING TO PLUG AND ABANDON	PLUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7	PLUG #8
23. Cementing date								
24. Size of hole or pipe plugged (in.)								
25. Depth to bottom of tubing or drill pipe (ft.)								
26. Sacks of cement used (each plug)								
27. Slurry volume pumped (cu. ft.)								
28. Calculated top of plug (ft.)								
29. Measured top of plug, if tagged (ft.)								
30. Slurry wt. (lb/gal)								
31. Type cement								

CEMENTER'S CERTIFICATE: I declare under penalties 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.

<u>James Robertson</u> Name and title of cementer's representative	<u>Service Supervisor</u>	<u>TRICAN WELL SERVICE</u> Cementing Company	 Signature
<u>8200 E I-20</u> Address	<u>Odessa, TX 79765</u> City, State, Zip Code	<u>423.488.3800</u> Tel.: Area Code Number	<u>8-10-2013</u> 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 operator's representative	<u>Co Rep</u> Title	 Signature
<u>123 Robert S Kerr Ave</u> Address	<u>OKC, OK 73102</u> City, State, Zip Code	<u>405-429-10414</u> Tel.: Area Code Number
		<u>10/4/13</u> Date: mo. day yr.

Instructions 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), 13 (Casing, Cementing, Drilling, and Completion), and 14 (Well Plugging). For offshore operations, see the requirements of Rule 13 (c).

- A. 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 rates;
 - 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 Form W-15, in addition to Form W-3, to show any casing cemented in the hole.
- B. Where to file. The appropriate Commission District Office for the county in which the well is located.
- C. 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 Committee.
- D. 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 Non-deviated 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.
- E. 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.
- F. Intermediate and production casing. For specific technical requirements, operators should consult Statewide Rule 13 (3) and (4).
- G. 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 foot 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 1,000 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) <i>SandRidge Expl & Prod, LLC</i>	2. RRC Operator No. <i>748011</i>	3. RRC District No. <i>08</i>	4. County of Well Site <i>ANDREWS</i>
5. Field Name (Wildcat or exactly as shown on RRC records) <i>FULLMAN - MASCHO</i>	6. API No. <i>42-00344871</i>		7. Drilling Permit No. <i>750132</i>
8. Lease Name <i>University 13-34</i>	9. Rule 37 Case No.	10. Oil Lease/Gas ID No.	11. Well No. <i>H 1</i>

CASING CEMENTING DATA:		SURFACE CASING	INTER-MEDIATE CASING	PRODUCTION CASING		MULTI-STAGE CEMENTING PROCESS	
				Single String	Multiple Parallel Strings	Tool	Shoe
12. Cementing Date							
13. *Drilled hole size							
*Est. % wash or hole enlargement							
14. Size of casing (In. O.D.)							
15. Top of liner (ft.)							
16. Setting depth (ft.)							
17. Number of centralizers used							
18. Hrs. waiting on cement before drill-out							
1st Slurry	19. API cement used: No. of sacks ▼						
	Class ▼						
	Additives ▼						
2nd Slurry	No. of sacks ▼						
	Class ▼						
	Additives ▼						
3rd Slurry	No. of sacks ▼						
	Class ▼						
	Additives ▼						
1st	20. Slurry pumped: Volume (cu. ft.) ▼						
	Height (ft.) ▼						
2nd	Volume (cu. ft.) ▼						
	Height (ft.) ▼						
3rd	Volume (cu. ft.) ▼						
	Height (ft.) ▼						
Total	Volume (cu. ft.) ▼						
	Height (ft.) ▼						
21. Was cement circulated to ground surface (or bottom of cellar) outside casing?							
22. Remarks							

CEMENTING TO PLUG AND ABANDON	PLUG # 1	PLUG # 2	PLUG # 3	PLUG # 4	PLUG # 5	PLUG # 6	PLUG # 7	PLUG # 8
23. Cementing date	8/22/13							
24. Size of hole or pipe plugged (in.)	5.5"							
25. Depth to bottom of tubing or drill pipe (ft.)								
26. Sacks of cement used (each plug)	2							
27. Slurry volume pumped (cu. ft.)								
28. Calculated top of plug (ft.)	4950							
29. Measured top of plug, if tagged (ft.)								
30. Slurry wt. (lbs/gal)								
31. Type cement	C							

CEMENTER'S 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.

LARRY WARREN Name and title of cementer's representative
Gray Wireline Cementing Company
[Signature] Signature
3406 N. Lovington Address
HOBBS NM 88240 (575) 392 8300 City, State, Zip Code Tel: Area Code Number
8 22 2013 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.

Chelsey Green Typed or printed name of operator's representative
Regulatory Tech. Title
[Signature] Signature
123 Robert S Kerr Ave Address
OKC, OK 73102 405-429-6414 City, State, Zip Code Tel: Area Code Number
10/7/13 Date: mo. day yr.

Instructions to Form W-15, Cementing Report

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- 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 Form W-15, in addition to Form W-3, to show any casing cemented in the hole.

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

C. 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.

D. 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.

E. 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.

F. Intermediate and production casing. For specific technical requirements, operators should consult Statewide Rule 13 (b) (3) and (4).

G. 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 1,000 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.

RAILROAD COMMISSION OF TEXAS
OIL AND GAS DIVISION

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

42.003.44871

INCLINATION REPORT (One Copy Must Be Filed With Each Completion Report)		6. RRC District 08
		7. RRC Lease Number. (Oil completions only)
1. FIELD NAME (as per RRC Records or Wildcat) FUHRMAN-MASCHO	2. LEASE NAME UNIVERSITY 13-34	8. Well Number 1
3. OPERATOR SANDRIDGE EXPL AND PROD., LLC		9. RRC Identification Number (Gas completions only)
4. ADDRESS 123 ROBERT S KERR OKLAHOMA CITY, OK 73102		10. County ANDREWS
5. LOCATION (Section, Block, and Survey) SEC. 34, BLK. 13, UL		

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)
233	2.33	0.60	1.05	2.44	2.44
742	5.09	0.60	1.05	5.33	7.77
1180	4.38	0.60	1.05	4.59	12.36
1723	5.43	0.90	1.57	8.53	20.89
2226	5.03	1.00	1.75	8.78	29.66
2730	5.04	1.00	1.75	8.80	38.46
3234	5.04	0.70	1.22	6.16	44.62
3738	5.04	1.30	2.27	11.43	56.05
4241	5.03	0.90	1.57	7.90	63.95
4744	5.03	1.10	1.92	9.66	73.61

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 4744 feet = 73.61 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..... 330.0 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>INCLINATION DATA CERTIFICATION</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><u>Greg Dykes Sr.</u> Signature of Authorized Representative</p> <p>GREG DYKES SR. - VP SERVICES Name of Person and Title (type or print)</p> <p>LARIAT SERVICES INC Name of Company</p> <p>Telephone: <u>(405)429-5506</u> Area Code</p>	<p>OPERATOR CERTIFICATION</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><u>Chelsea Green</u> Signature of Authorized Representative</p> <p><u>Chelsea Green Reg. Tech.</u> Name of Person and Title (type or print)</p> <p><u>SandRidge Expl & Prod, LLC</u> Operator</p> <p>Telephone: <u>405-429-6414</u> Area Code</p>
--	--

Railroad Commission Use Only:

Approved By: _____ Title: _____ Date: _____

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

Tracking No.: 87220

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: 09/12/2013
Field Name FUHRMAN-MASCHO	Drilling Permit No. 750132	
Lease Name UNIVERSITY 13-34	Lease/ID No.	Well No. 1
County ANDREWS	API No. 42- 003-44871	

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 Phone 10/07/2013 Date
--	---

-FOR RAILROAD COMMISSION USE ONLY-



Weatherford[®]

COMPENSATED PHOTO DENSITY COMPENSATED NEUTRON SPECTRAL GAMMA RAY

COMPANY **SANDRIDGE ENERGY INC.**
 WELL **UNIVERSITY 13-34 #1**
 FIELD **FUHRMAN-MASCHO**
 PROVINCE/COUNTY **ANDREWS**
 COUNTRY/STATE **U.S.A / TEXAS**
 LOCATION **330' FNL AND 330' FEL**
 PERMIT NUMBER **750132 SEC-34, BLK-13, UL SURVEY**

SEC 34	TWP	RGE	Other Services	
Latitude			DUAL LATEROLOG	MICRO LATEROLOG
Longitude				
API Number		42-003-44871		

Permanent Datum GL, Elevation 3259 feet	Elevations:	feet
Log Measured From KB	KB	3271.00
Drilling Measured From KB @ 12 FT	DF	3270.00
	GL	3259.00

Date	10-AUG-2013		
Run Number	ONE		
Service Order	3538169		
Depth Driller	5205.00	feet	
Depth Logger	5195.00	feet	
First Reading	5163.00	feet	
Last Reading	100.00	feet	
Casing Driller	1682.00	feet	
Casing Logger	1674.00	feet	
Bit Size	7.875	inches	
Hole Fluid Type	BRINE		
Density / Viscosity	10.20 lb/USg	30.00 sec/qt.	
PH / Fluid Loss	10.10		
Sample Source	FLOWLINE		
Rm @ Measured Temp	0.049 @ 75.0	ohm-m	
Rmf @ Measured Temp	0.036 @ 75.0	ohm-m	
Rmc @ Measured Temp	0.073 @ 75.0	ohm-m	
Source Rmf / Rmc	CALC	CALC	
Rm @ BHT	0.037 @102.0	ohm-m	
Time Since Circulation	6 HOURS		
Max Recorded Temp	102.00	deg F	
Equipment / Base	13270	4352	
Recorded By	T. BENICH		
Witnessed By	J. PARSLEY	T. KLEPFER	

CERTIFICATE OF COMPLIANCE
 AND TRANSPORTATION AUTHORITY

This facsimile P-4 was generated electronically from data submitted to the RRC.
 A certification of the automated data is available in the RRC's Austin office.

Tracking No.: 87220

1. Field name exactly as shown on proration schedule FUHRMAN-MASCHO		2. Lease name as shown on proration schedule UNIVERSITY 13-34			
3. Current operator name exactly as shown on P-5 Organization Report SANDRIDGE EXPL. AND PROD., LLC		4. Operator P-5 no. 748011	5. Oil Lse/Gas ID no.	6. County ANDREWS	7. RRC district 08
8. Operator address including city, state, and zip code 123 ROBERT S KERR AVE OKLAHOMA CITY, OK 73102-6406		9. Well no(s) (see instruction E) 1			
		10. Classification <input checked="" type="checkbox"/> Oil <input type="checkbox"/> Gas <input type="checkbox"/> Other (see instruction A)			11. Effective Date 09/12/2013

12. Purpose of Filing. (Complete section a or b below.) (See instructions B and G)

a. Change of: operator oil or condensate gatherer gas gatherer gas purchaser gas purchaser system code

field name from _____
 lease name from _____

OR

b. New RRC Number for: oil lease gas well other well (specify) _____

Due to: new completion or recompletion reclass oil to gas reclass gas to oil
 consolidation, unitization, or subdivision (oil lease only)

13. Authorized GAS WELL GAS or CASINGHEAD GAS Gatherer(s) and/or Purchaser(s). (See instruction G).

Gatherer	Purchaser	Name of GAS WELL GAS or CASINGHEAD GAS Gatherer(s) or Purchaser(s) As Indicated in Columns to the Left (Attach an additional sheet in same format if more space is needed)	Purchaser's RRC Assigned System Code	Percent of Take	Full-well stream
X	X	DCP MIDSTREAM, LP(195918)	0001	100.0	

14. Authorized OIL or CONDENSATE Gatherer(s). (See instruction G).

Name of OIL or CONDENSATE Gatherer(s) - List Highest Volume Gatherer First (Attach an additional sheet in same format if more space is needed)	Percent of Take
ENTERPRISE CRUDE OIL LLC(253117)	100.0

RRC USE ONLY: Reviewer's initials: _____ Approval date: _____

15. PREVIOUS OPERATOR CERTIFICATION FOR CHANGE OF OPERATOR P-4 FILING. Being the PREVIOUS OPERATOR, I certify that operating responsibility for the well(s) designated in this filing, located on the subject lease has been transferred in its entirety to the above named Current Operator. I understand, as Previous Operator, that designation of the above named operator as Current Operator is not effective until this certificate is approved by the Commission.

Name of Previous Operator _____ Signature _____
 Authorized Employee of previous operator Authorized agent of previous operator (see instruction G)

Name (print) _____
 Title _____ Date _____ Phone with area code _____

16. CURRENT OPERATOR CERTIFICATION. By signing this certificate as the Current Operator, I certify that all statements on this form are true and correct and I acknowledge responsibility for the regulatory compliance of the subject lease including plugging of well(s) pursuant to Rule 14. I further acknowledge that I assume responsibility for the physical operation, control, and proper plugging of each well designated in this filing. I also acknowledge that I will remain designated as the Current Operator until a new certificate designating a new Current Operator is approved by the Commission.

SANDRIDGE EXPL. AND PROD., LLC _____ Chelsey Green _____
 Name (print) _____ Signature _____
 Regulatory Technician Authorized Employee of current operator Authorized agent of current operator (see instruction G)

Title _____ Date 10/08/2013 Phone with area code (405) 429-6414
 E-mail Address (optional) cgreen1@sandridgeenergy.com _____

Groundwater
Advisory Unit

GROUNDWATER PROTECTION DETERMINATION

Date **October 19, 2012**

15460

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

API Number **00300000**

Attention: **DANA ALANIZ**

RRC Lease No. **000000**

SC_748011_00300000_000000_15460.pdf

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

--Measured--

330 ft FEL

330 ft FNL

MRL:SECTION

P-5# 748011

Digital Map Location:	
X-coord/Long	660010
Y-coord/Lat	6840335
Datum	83 NC

County **ANDREWS**

UNIVERSITY 13-34 #1&RAD

ND

Location **SUR-UL, BLK-13, SEC-34, -- [TD=8000], [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 1200 feet to 1600 feet must be protected.

This recommendation is applicable to all wells within a radius of 200 feet of this location.

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).

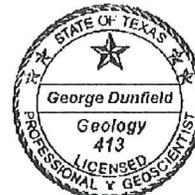
If you have any questions, please contact us at 512-463-2741, gau@rrc.state.tx.us, or by mail.

Sincerely,

George Dunfield
Digitally signed by George Dunfield
 DN: c=US, st=TEXAS, l=Austin, o=Railroad
 Commission of Texas, cn=George Dunfield,
 email=george.dunfield@rrc.state.tx.us
 Date: 2012.10.19 16:00:46 -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 **10/19/2012**
Note: Alteration of this electronic document will invalidate the digital signature.

